

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073989.D
 Acq On : 17 Aug 2022 20:27
 Operator : JC\MD
 Sample : VN0817MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 00:51:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	553479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	841679	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	757993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	367224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	291954	54.157	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.320%			
35) Dibromofluoromethane	7.951	113	256468	51.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.040%			
50) Toluene-d8	10.380	98	957659	49.677	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	12.674	95	322929	50.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	79942	18.216	ug/l	98
3) Chloromethane	2.269	50	93805	19.221	ug/l	98
4) Vinyl Chloride	2.404	62	113725	18.152	ug/l	98
5) Bromomethane	2.804	94	62953	16.091	ug/l	95
6) Chloroethane	2.969	64	75795	17.125	ug/l	95
7) Trichlorofluoromethane	3.316	101	150210	18.586	ug/l	99
8) Diethyl Ether	3.769	74	58644	19.547	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.145	101	81276	17.312	ug/l	93
10) Methyl Iodide	4.351	142	89917	15.953	ug/l	98
11) Tert butyl alcohol	5.287	59	123795	102.662	ug/l	100
12) 1,1-Dichloroethene	4.116	96	77356	17.709	ug/l	91
13) Acrolein	3.981	56	99170	117.494	ug/l	99
14) Allyl chloride	4.763	41	117636	18.183	ug/l	99
15) Acrylonitrile	5.481	53	303427	103.067	ug/l	99
16) Acetone	4.222	43	258717	101.723	ug/l	99
17) Carbon Disulfide	4.463	76	173766	16.730	ug/l	97
18) Methyl Acetate	4.781	43	150260	22.226	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	303021	19.261	ug/l	96
20) Methylene Chloride	5.016	84	100777	18.778	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	85614	17.790	ug/l	94
22) Diisopropyl ether	6.416	45	274858	20.038	ug/l	98
23) Vinyl Acetate	6.351	43	1173377	99.822	ug/l	98
24) 1,1-Dichloroethane	6.310	63	161834	18.954	ug/l	97
25) 2-Butanone	7.263	43	422020	104.649	ug/l	99
26) 2,2-Dichloropropane	7.251	77	116406	14.511	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	108381	18.253	ug/l	94
28) Bromochloromethane	7.586	49	70734	22.462	ug/l	90
29) Tetrahydrofuran	7.610	42	274532	106.123	ug/l	97
30) Chloroform	7.745	83	177495	18.591	ug/l	98
31) Cyclohexane	8.022	56	134623	17.914	ug/l #	90
32) 1,1,1-Trichloroethane	7.939	97	157432	18.595	ug/l	97
36) 1,1-Dichloropropene	8.151	75	121777	17.614	ug/l	98
37) Ethyl Acetate	7.339	43	165389	19.746	ug/l	99
38) Carbon Tetrachloride	8.139	117	134666	17.041	ug/l	99
39) Methylcyclohexane	9.392	83	139511	16.104	ug/l	96
40) Benzene	8.392	78	387446	17.756	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	75114	19.844	ug/l	98
42) 1,2-Dichloroethane	8.463	62	137423	18.316	ug/l	100
43) Isopropyl Acetate	8.498	43	225722	18.917	ug/l	97
44) Trichloroethene	9.151	130	106821	16.949	ug/l	92
45) 1,2-Dichloropropane	9.427	63	95749	18.307	ug/l	96
46) Dibromomethane	9.516	93	72311	18.185	ug/l	93
47) Bromodichloromethane	9.698	83	134903	17.750	ug/l	96
48) Methyl methacrylate	9.498	41	103503	20.272	ug/l	95
49) 1,4-Dioxane	9.504	88	57091	376.019	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	805472	99.843	ug/l	100
52) Toluene	10.445	92	250891	16.768	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	137501	17.241	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	152078	17.428	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	107030	18.389	ug/l	98
56) Ethyl methacrylate	10.704	69	161386	19.441	ug/l	97
57) 1,3-Dichloropropane	10.986	76	177570	18.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	422132	108.953	ug/l	97
59) 2-Hexanone	11.027	43	622752	100.303	ug/l	99
60) Dibromochloromethane	11.180	129	114691	17.818	ug/l	100
61) 1,2-Dibromoethane	11.286	107	113537	18.238	ug/l	99
64) Tetrachloroethene	10.916	164	95027	15.884	ug/l	99
65) Chlorobenzene	11.710	112	278016	17.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	106070	17.388	ug/l	99
67) Ethyl Benzene	11.786	91	464745	17.347	ug/l	100
68) m/p-Xylenes	11.892	106	372470	34.218	ug/l	98
69) o-Xylene	12.221	106	191340	17.529	ug/l	93
70) Styrene	12.233	104	294244	17.218	ug/l	99
71) Bromoform	12.398	173	91063	16.720	ug/l #	100
73) Isopropylbenzene	12.521	105	474384	17.741	ug/l	99
74) N-amyl acetate	12.327	43	181014	17.907	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.768	83	171830	19.149	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	126486m	16.572	ug/l	
77) Bromobenzene	12.798	156	125692	17.366	ug/l	93
78) n-propylbenzene	12.863	91	502343	17.624	ug/l	97
79) 2-Chlorotoluene	12.945	91	320439	18.040	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	393950	18.113	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	45836	17.080	ug/l	99
82) 4-Chlorotoluene	13.045	91	303669	18.000	ug/l	96
83) tert-Butylbenzene	13.263	119	351273	17.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	397232	18.289	ug/l	100
85) sec-Butylbenzene	13.439	105	472721	18.221	ug/l	98
86) p-Isopropyltoluene	13.557	119	401740	18.177	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	219656	17.500	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	214716	16.879	ug/l	99
89) n-Butylbenzene	13.886	91	291417	16.646	ug/l	99
90) Hexachloroethane	14.151	117	71100	17.599	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	225619	17.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	37784	17.834	ug/l	89
93) 1,2,4-Trichlorobenzene	15.198	180	130049	16.485	ug/l	99
94) Hexachlorobutadiene	15.304	225	69241	16.650	ug/l	97
95) Naphthalene	15.439	128	456811	17.762	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	140895	17.279	ug/l	99

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ClientSampleId :
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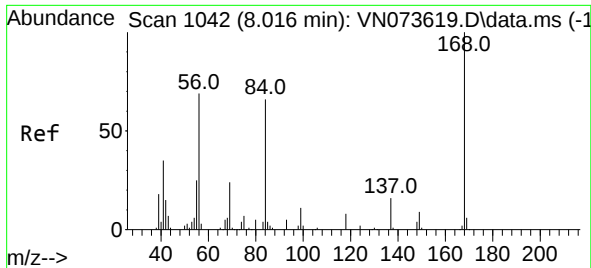
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 08/18/2022

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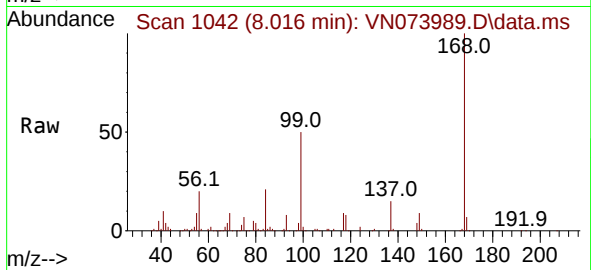
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

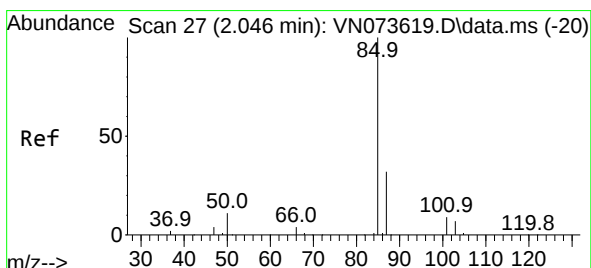
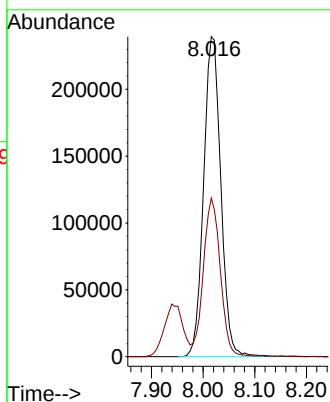
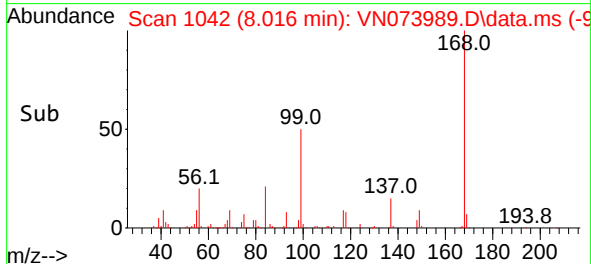
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ClientSampleId :
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Tgt Ion:168 Resp: 553479
Ion Ratio Lower Upper
168 100
99 49.4 42.3 63.5

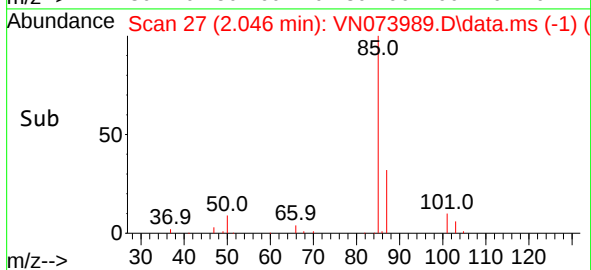
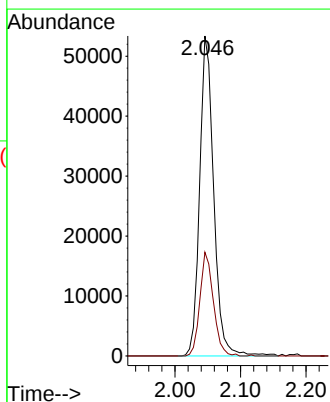
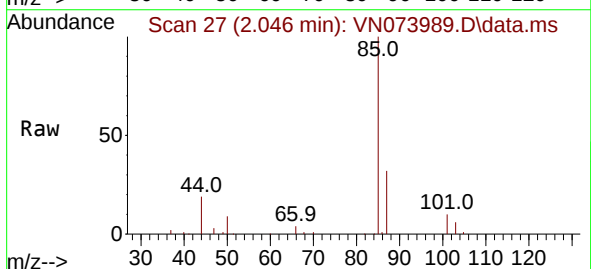
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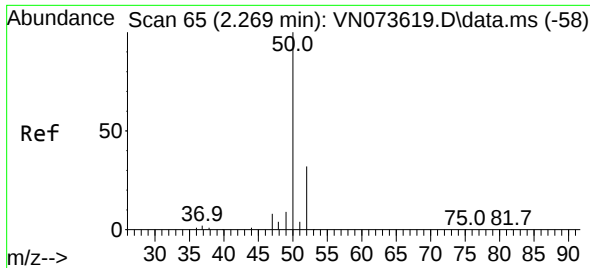
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#2
Dichlorodifluoromethane
Concen: 18.216 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

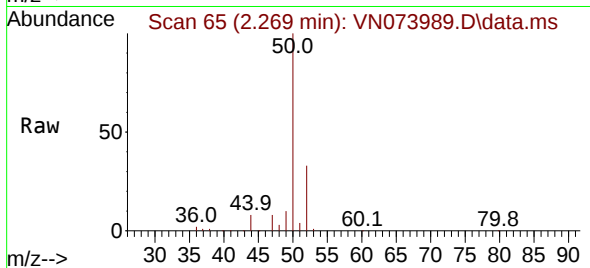
Tgt Ion: 85 Resp: 79942
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





#3
Chloromethane
Concen: 19.221 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

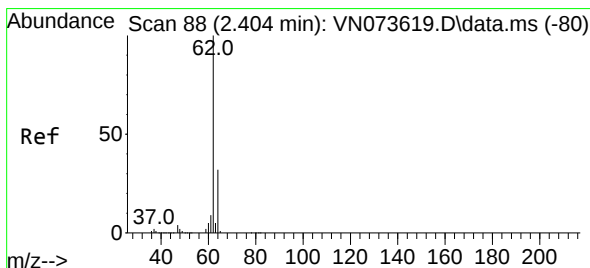
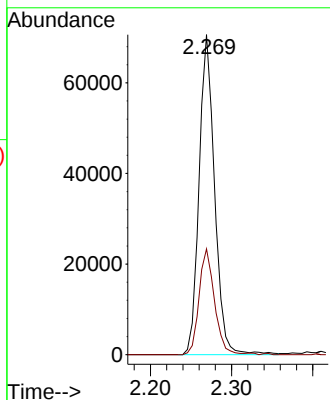
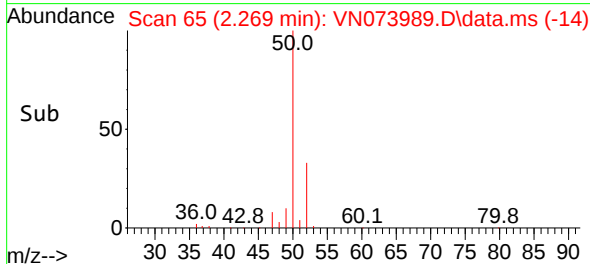
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 9380
Ion Ratio Lower Upper
50 100
52 33.1 25.7 38.5

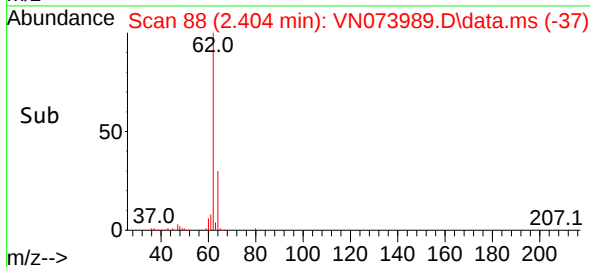
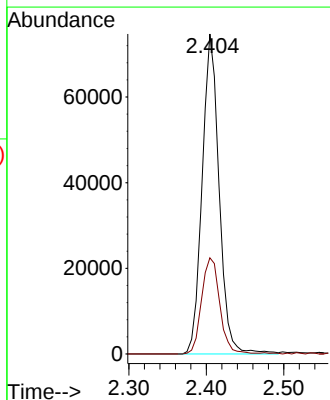
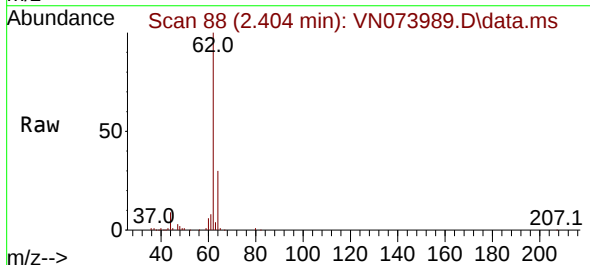
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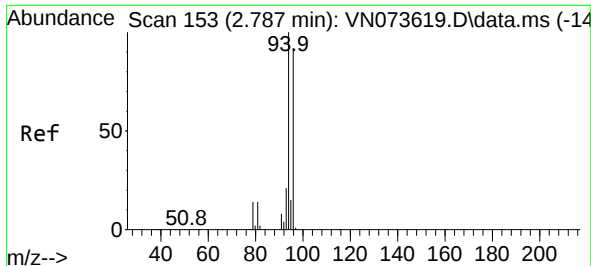
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#4
Vinyl Chloride
Concen: 18.152 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

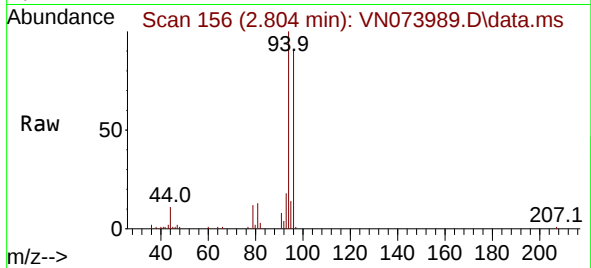
Tgt Ion: 62 Resp: 113725
Ion Ratio Lower Upper
62 100
64 30.1 25.0 37.4





#5
Bromomethane
Concen: 16.091 ug/l
RT: 2.804 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

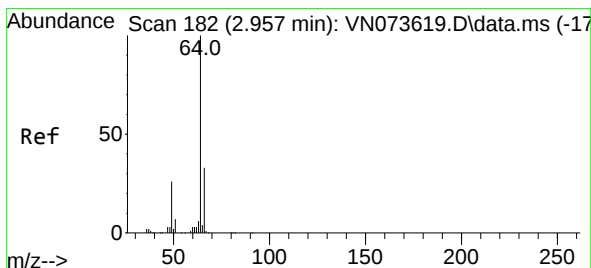
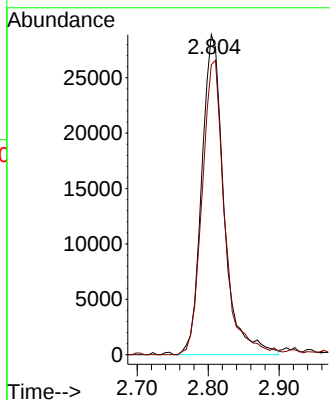
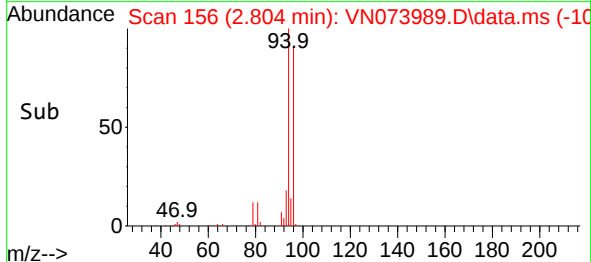
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Tgt Ion: 94 Resp: 6295
Ion Ratio Lower Upper
94 100
96 90.6 76.0 114.0

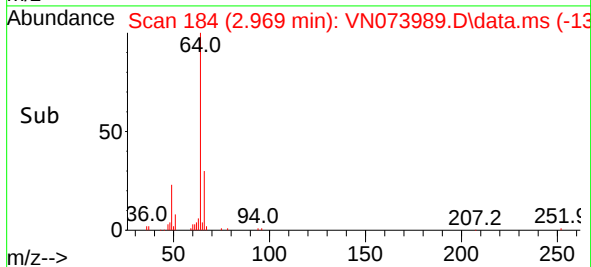
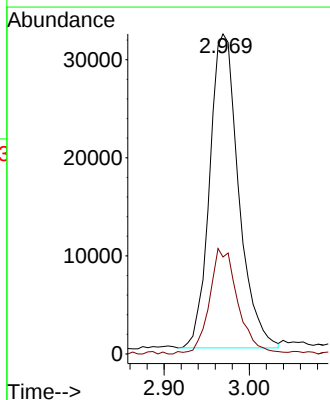
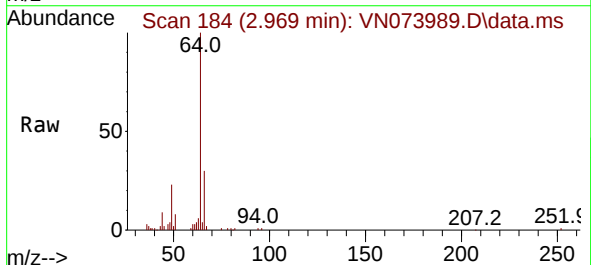
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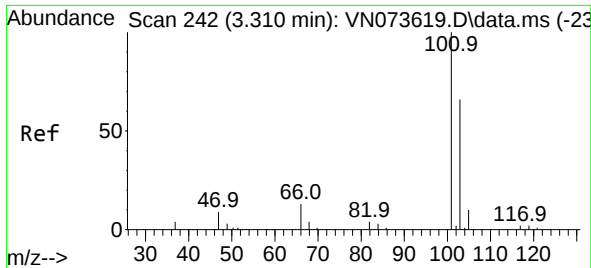
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#6
Chloroethane
Concen: 17.125 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN073989.D
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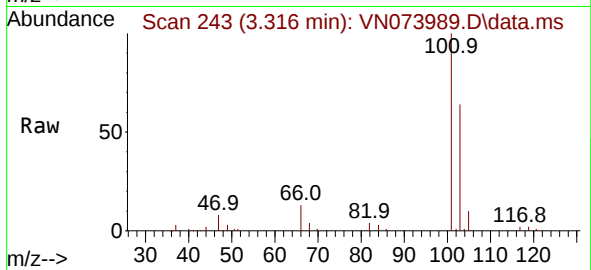
Tgt Ion: 64 Resp: 75795
Ion Ratio Lower Upper
64 100
66 30.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 18.586 ug/l
RT: 3.316 min Scan# 242
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

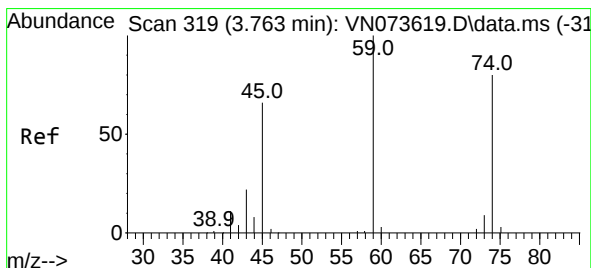
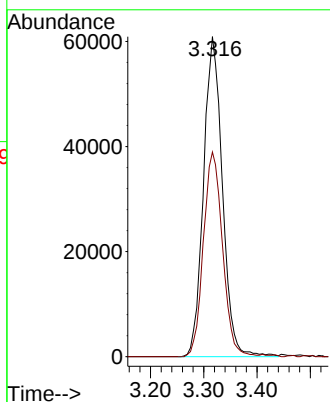
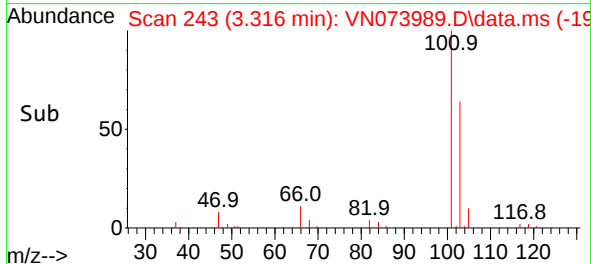
Instrument :
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Tgt Ion:101 Resp: 150210
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

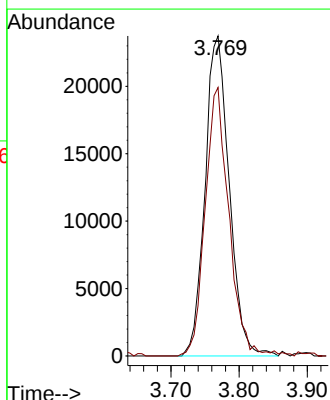
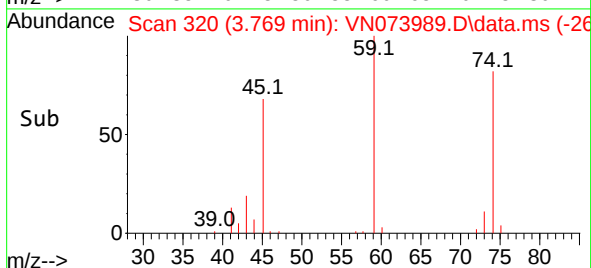
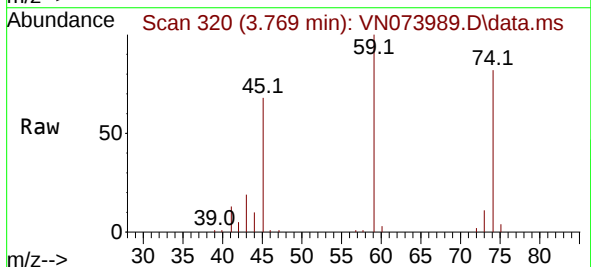
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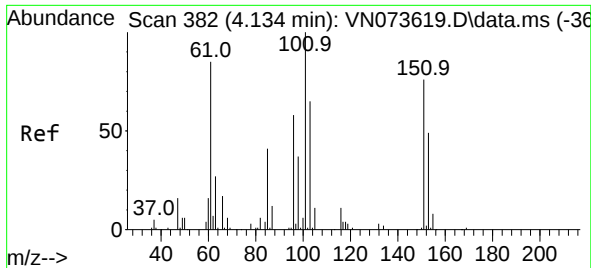
Reviewed By :John Carlone 08/18/2022
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#8
Diethyl Ether
Concen: 19.547 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion: 74 Resp: 58644
Ion Ratio Lower Upper
74 100
45 82.5 42.9 128.5





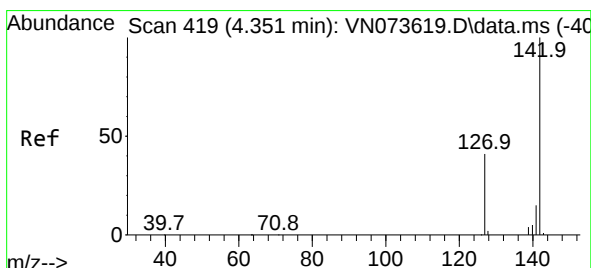
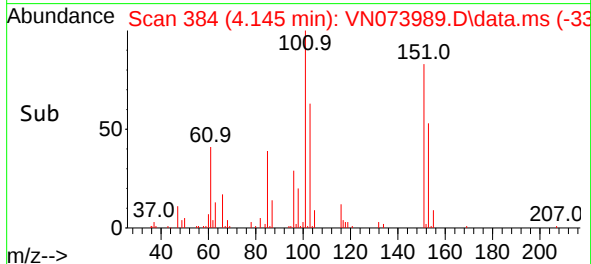
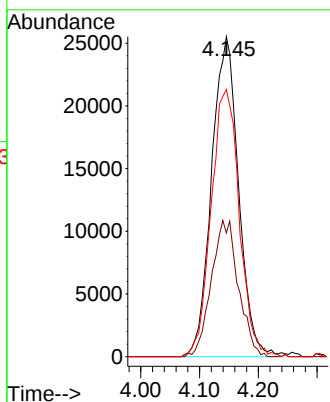
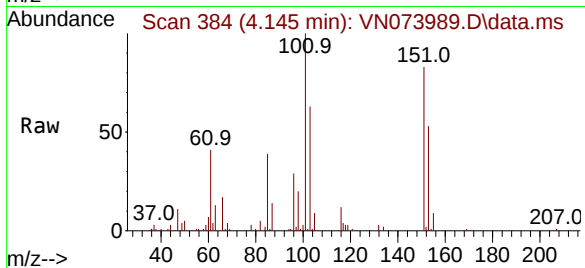
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.312 ug/l
RT: 4.145 min Scan# 382
Delta R.T. 0.011 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02

Tgt Ion:101 Resp: 81270
Ion Ratio Lower Upper
101 100
85 42.8 34.7 52.1
151 87.1 63.0 94.4

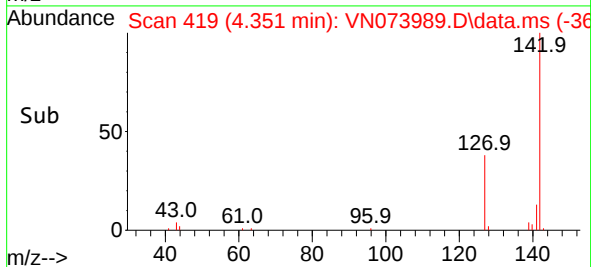
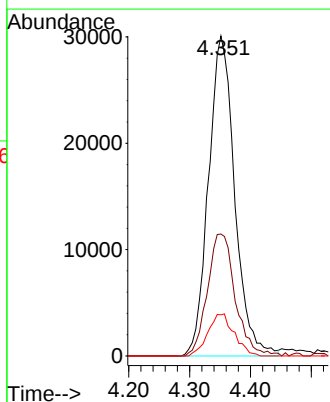
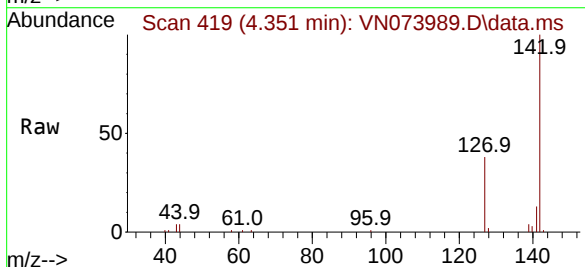
Manual Integrations
APPROVED

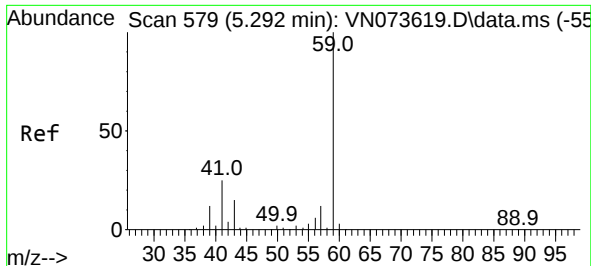
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#10
Methyl Iodide
Concen: 15.953 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion:142 Resp: 89917
Ion Ratio Lower Upper
142 100
127 40.5 31.3 46.9
141 13.1 11.2 16.8





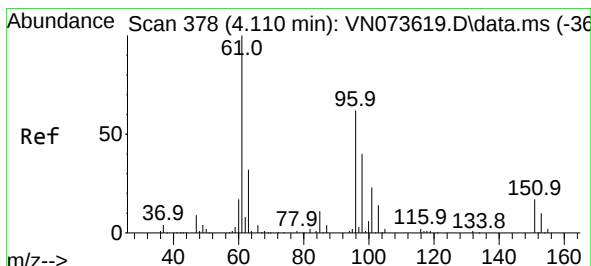
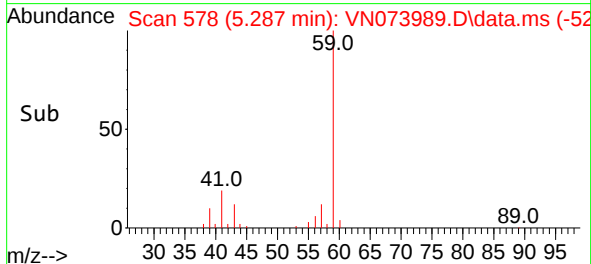
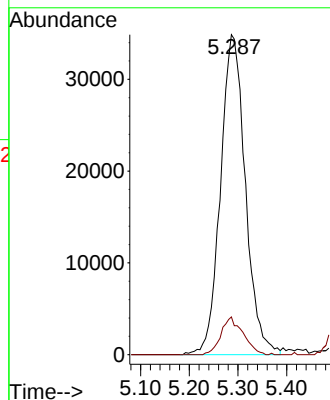
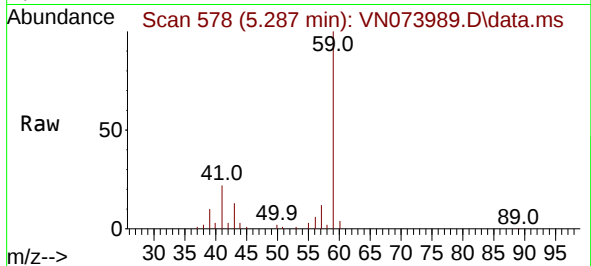
#11
Tert butyl alcohol
Concen: 102.662 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.005 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02

Tgt Ion: 59 Resp: 12379
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

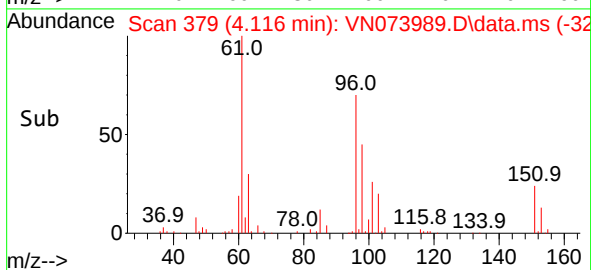
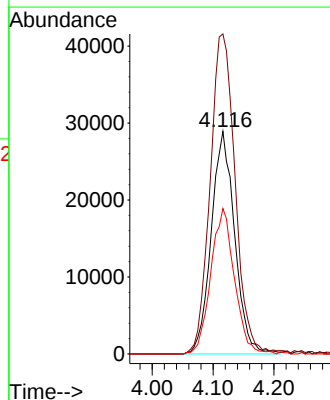
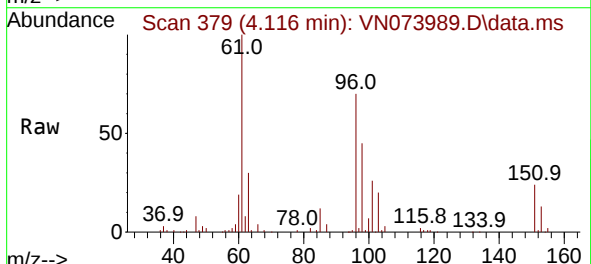
Manual Integrations
APPROVED

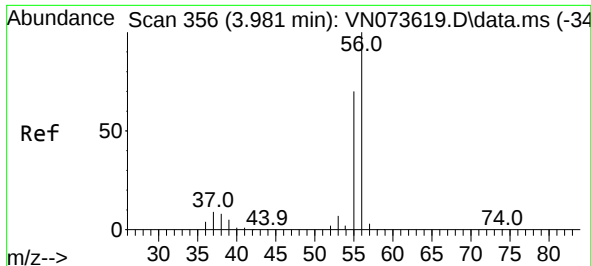
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#12
1,1-Dichloroethene
Concen: 17.709 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

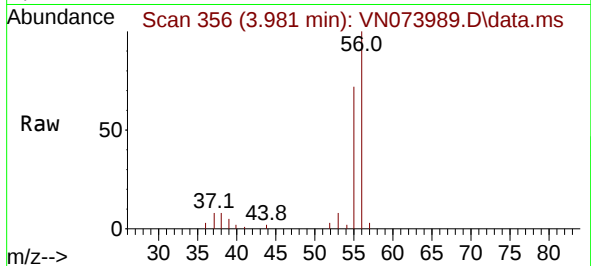
Tgt Ion: 96 Resp: 77356
Ion Ratio Lower Upper
96 100
61 143.8 127.6 191.4
98 65.3 51.2 76.8





#13
Acrolein
Concen: 117.494 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

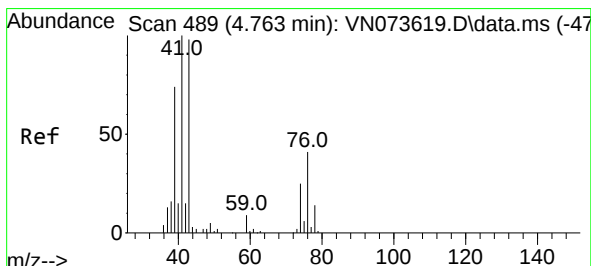
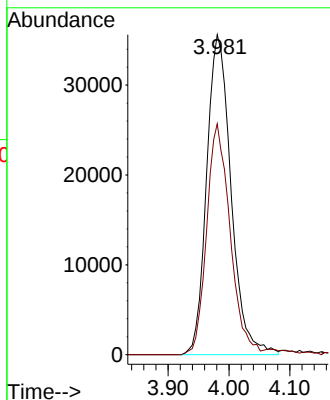
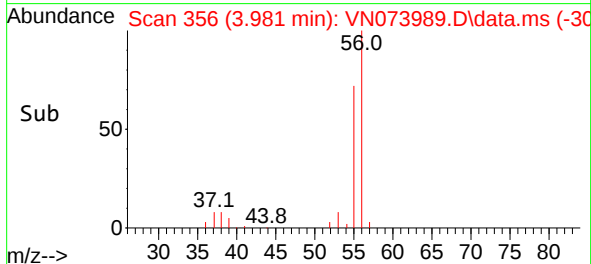
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 56 Resp: 99170
Ion Ratio Lower Upper
56 100
55 69.4 54.8 82.2

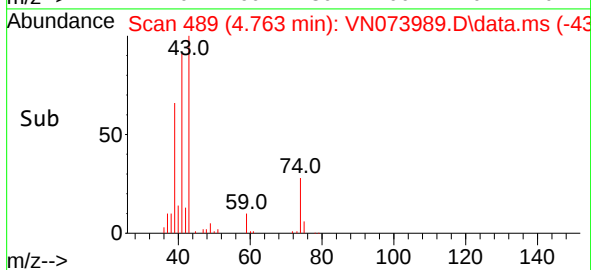
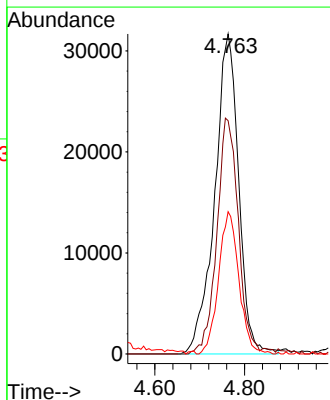
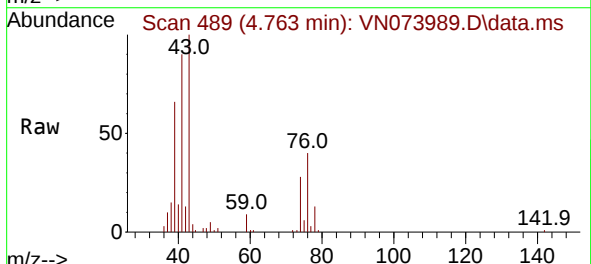
Manual Integrations
APPROVED

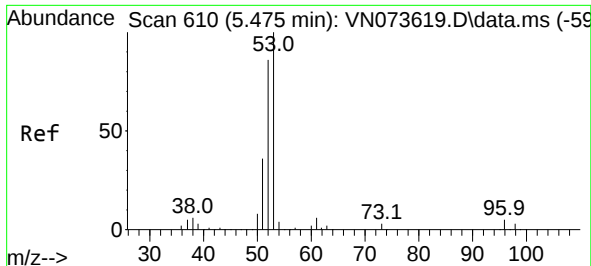
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#14
Allyl chloride
Concen: 18.183 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

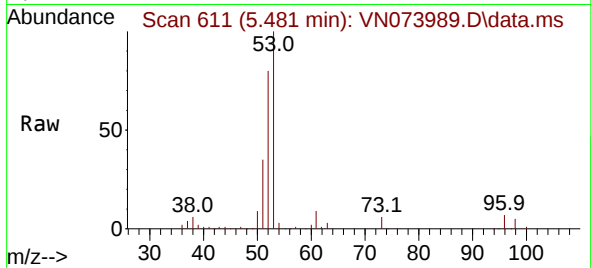
Tgt Ion: 41 Resp: 117636
Ion Ratio Lower Upper
41 100
39 65.8 53.2 79.8
76 37.8 29.9 44.9





#15
Acrylonitrile
Concen: 103.067 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

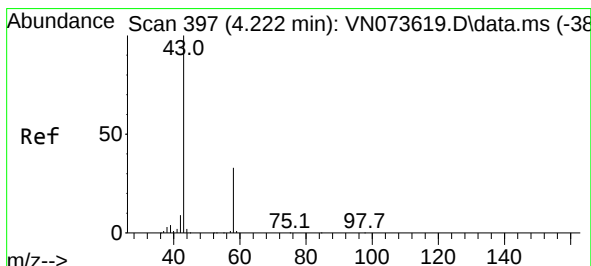
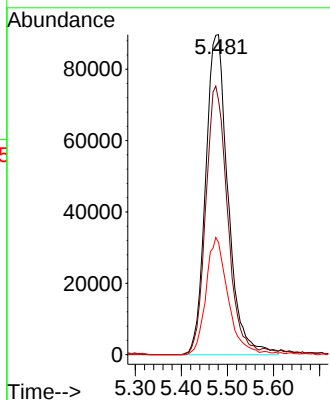
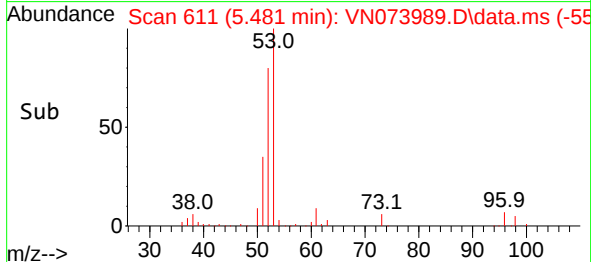
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 53 Resp: 30342
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 35.8 28.5 42.7

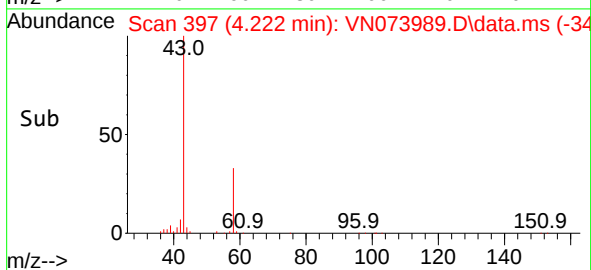
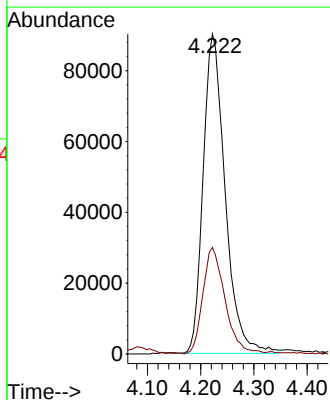
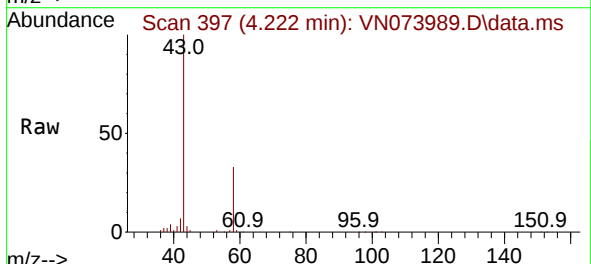
Manual Integrations
APPROVED

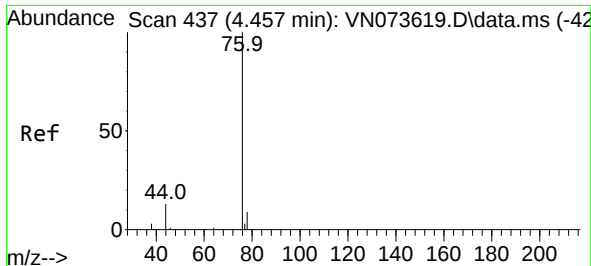
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#16
Acetone
Concen: 101.723 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

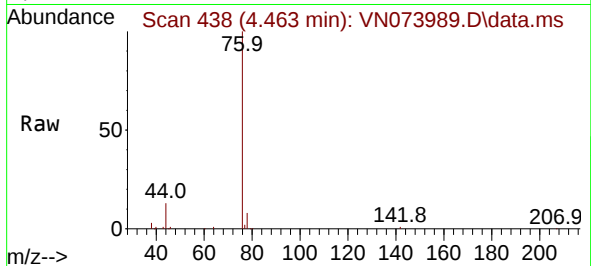
Tgt Ion: 43 Resp: 258717
Ion Ratio Lower Upper
43 100
58 33.1 26.0 39.0





#17
Carbon Disulfide
Concen: 16.730 ug/l
RT: 4.463 min Scan# 437
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

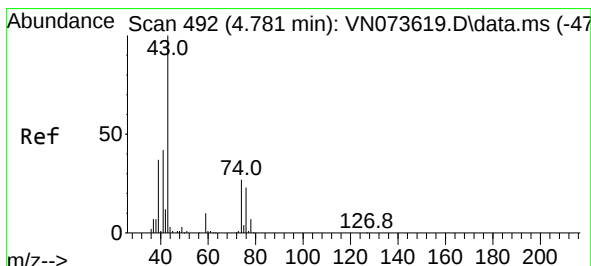
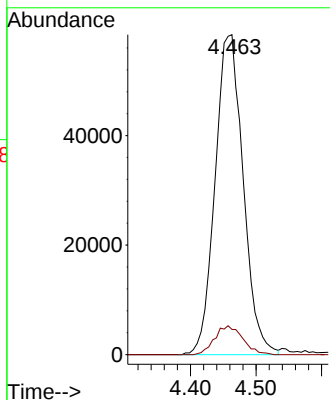
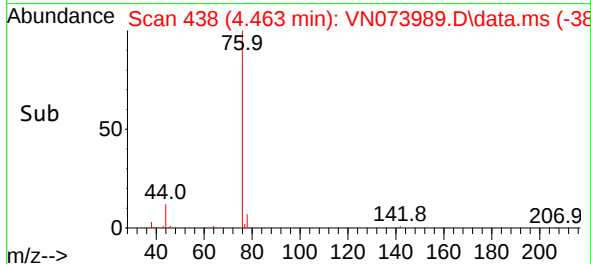
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 76 Resp: 173760
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

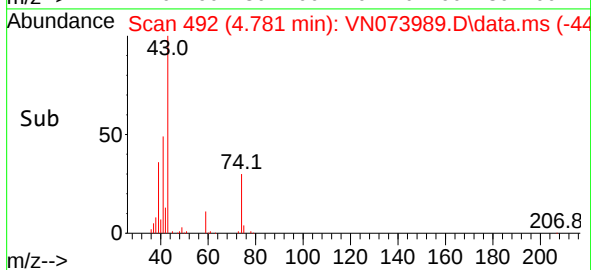
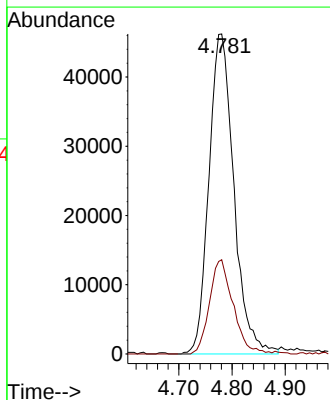
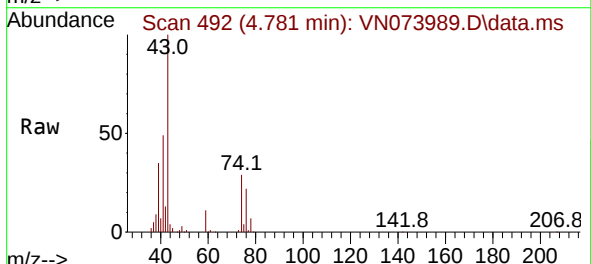
Manual Integrations
APPROVED

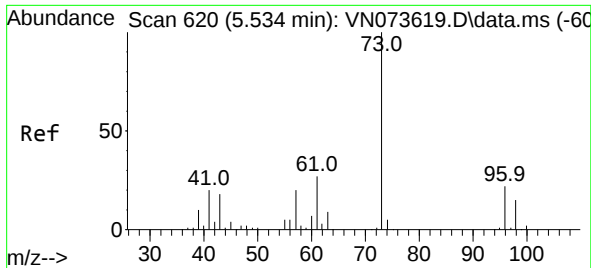
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#18
Methyl Acetate
Concen: 22.226 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion: 43 Resp: 150260
Ion Ratio Lower Upper
43 100
74 27.8 21.6 32.4





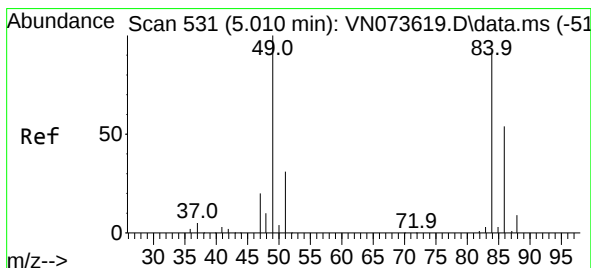
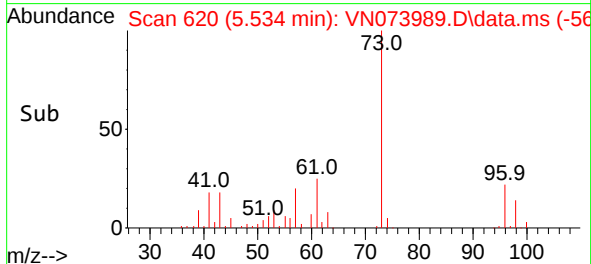
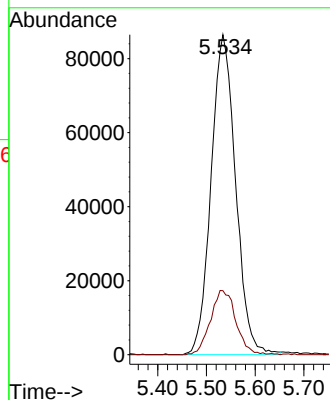
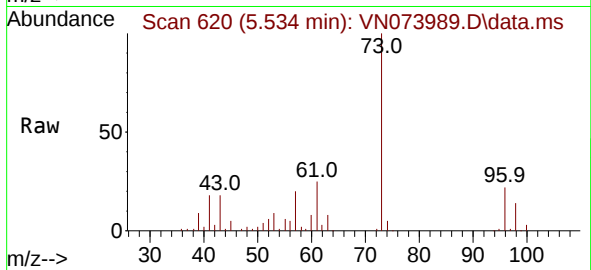
#19
Methyl tert-butyl Ether
Concen: 19.261 ug/l
RT: 5.534 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02

Tgt Ion: 73 Resp: 30302
Ion Ratio Lower Upper
73 100
57 20.0 17.6 26.4

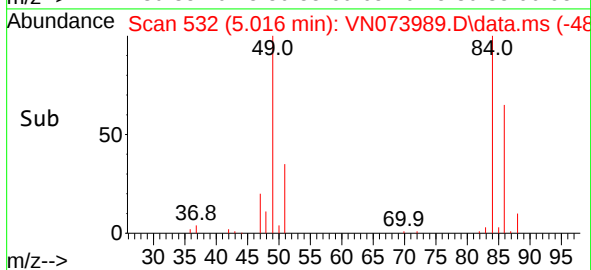
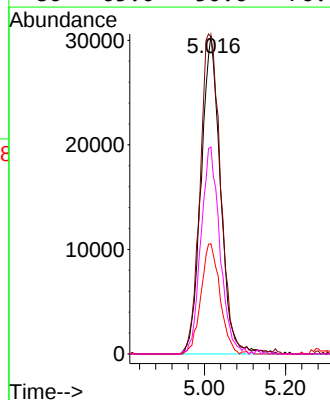
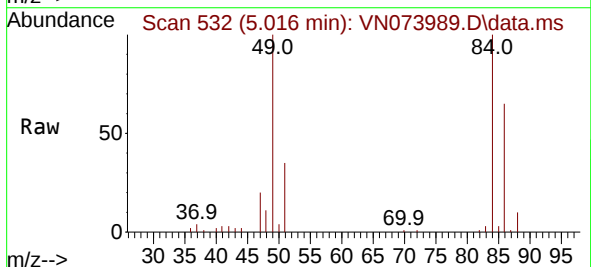
Manual Integrations
APPROVED

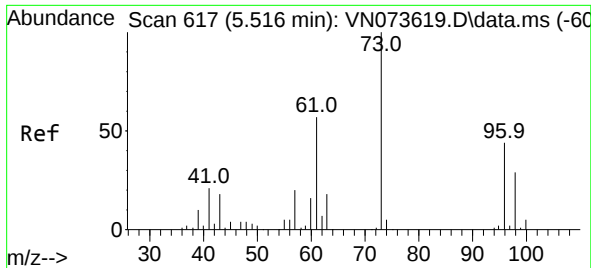
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#20
Methylene Chloride
Concen: 18.778 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

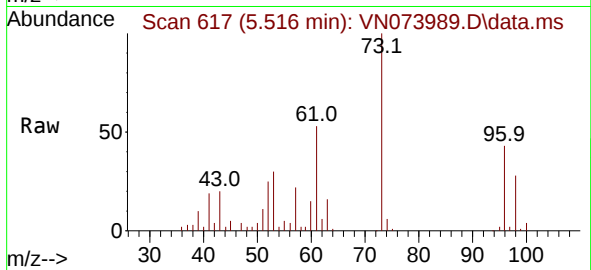
Tgt Ion: 84 Resp: 100777
Ion Ratio Lower Upper
84 100
49 99.7 88.3 132.5
51 34.7 28.2 42.2
86 65.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.790 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

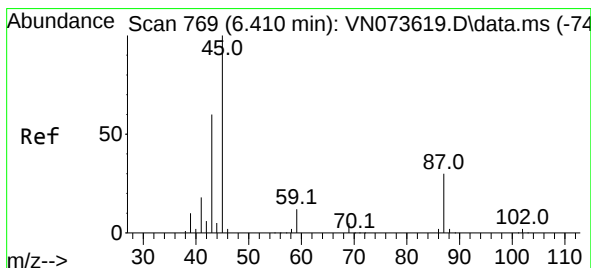
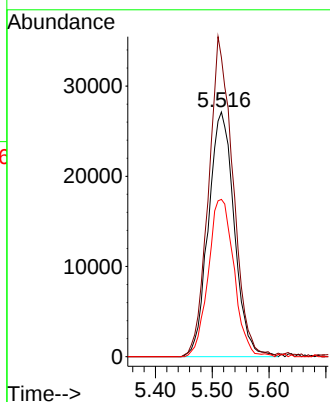
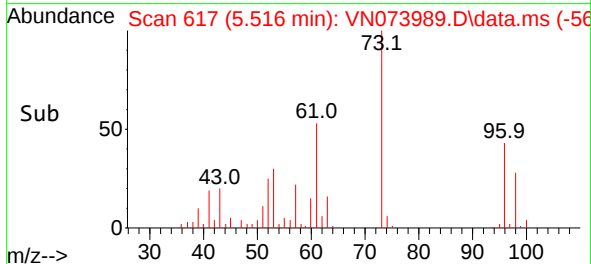
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



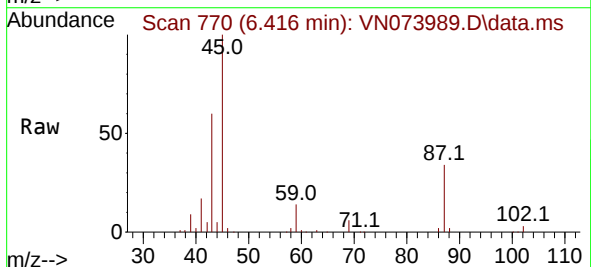
Tgt Ion: 96 Resp: 85614
Ion Ratio Lower Upper
96 100
61 122.3 105.8 158.8
98 64.3 50.3 75.5

Manual Integrations
APPROVED

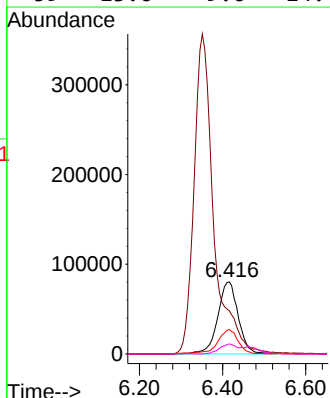
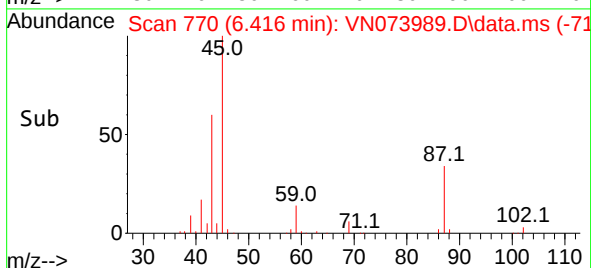
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

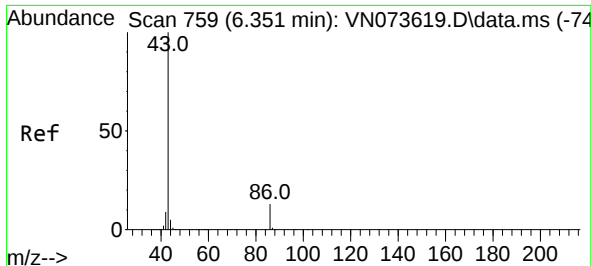


#22
Diisopropyl ether
Concen: 20.038 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



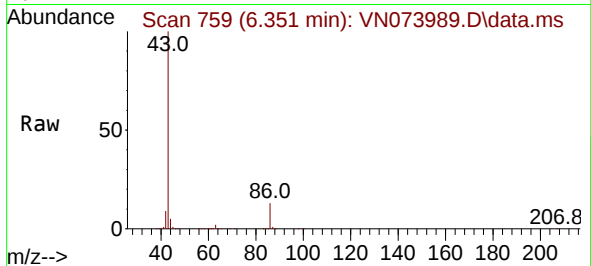
Tgt Ion: 45 Resp: 274858
Ion Ratio Lower Upper
45 100
43 58.1 46.6 70.0
87 33.3 24.3 36.5
59 13.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 99.822 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

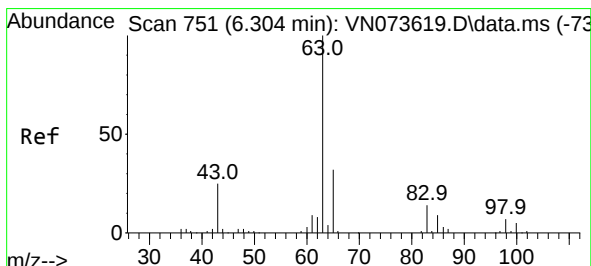
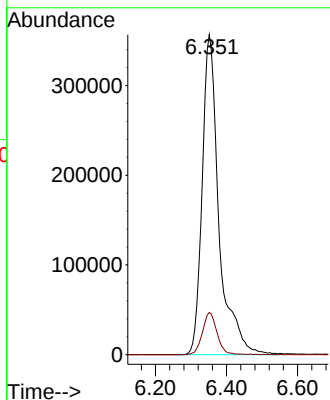
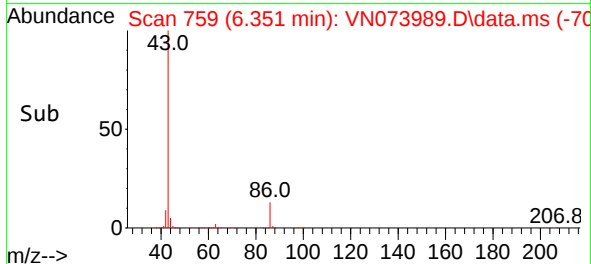
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS02



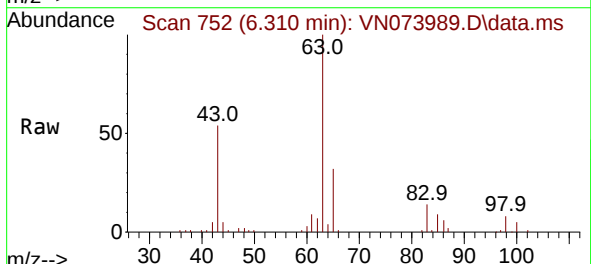
Tgt Ion: 43 Resp: 117337
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.0 15.0

Manual Integrations
 APPROVED

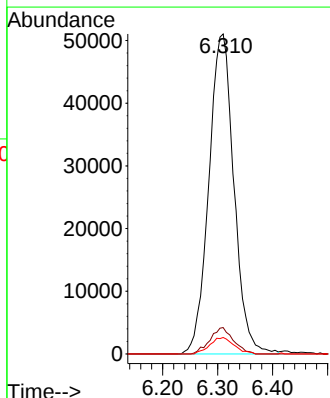
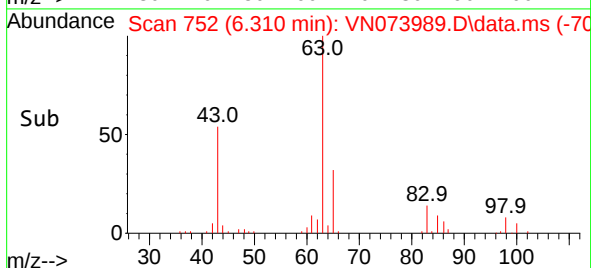
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022

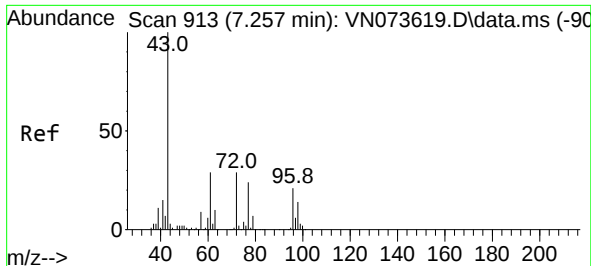


#24
 1,1-Dichloroethane
 Concen: 18.954 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27



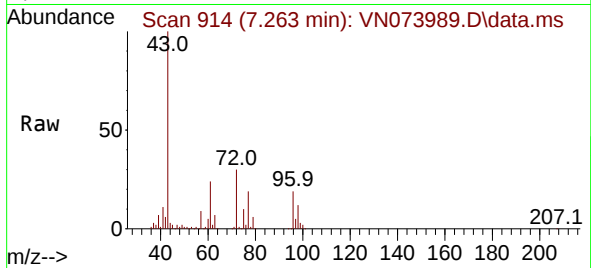
Tgt Ion: 63 Resp: 161834
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 104.649 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

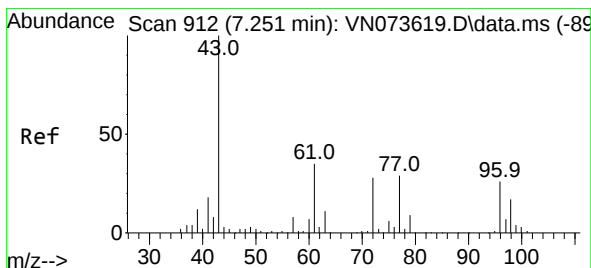
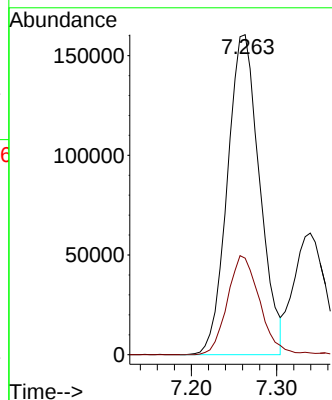
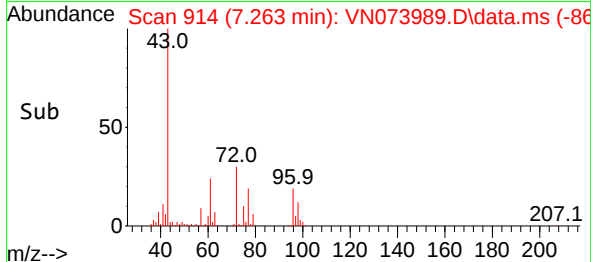
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 43 Resp: 422020
Ion Ratio Lower Upper
43 100
72 30.2 23.7 35.5

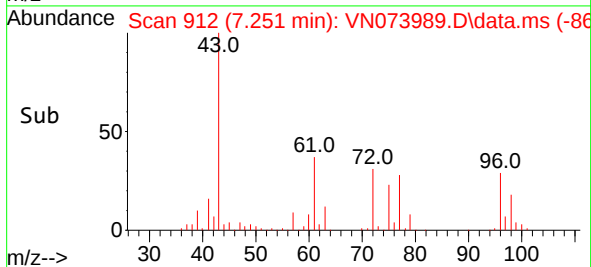
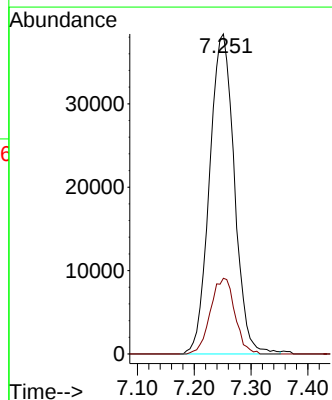
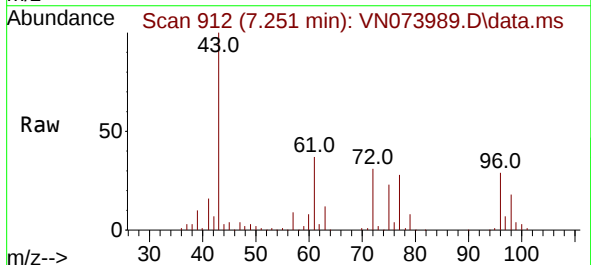
Manual Integrations
APPROVED

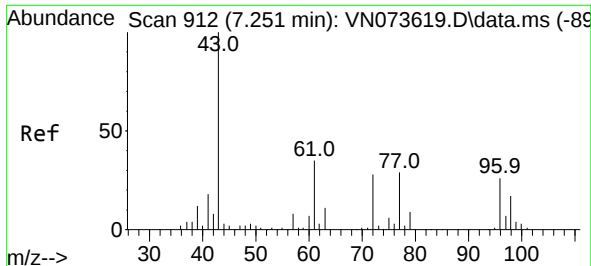
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#26
2,2-Dichloropropane
Concen: 14.511 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

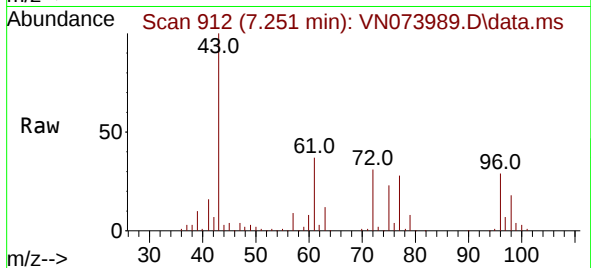
Tgt Ion: 77 Resp: 116406
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.253 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

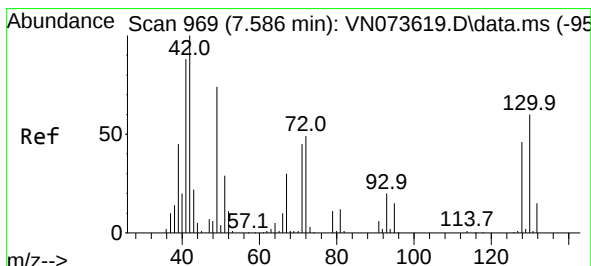
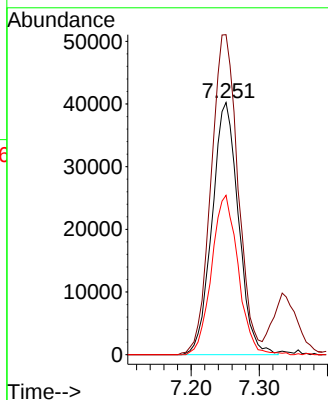
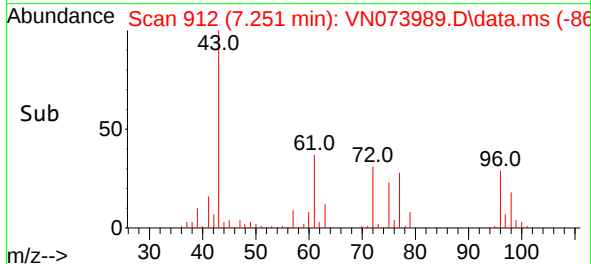
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS02



Tgt Ion: 96 Resp: 10838
 Ion Ratio Lower Upper
 96 100
 61 129.9 0.0 280.6
 98 63.6 0.0 128.4

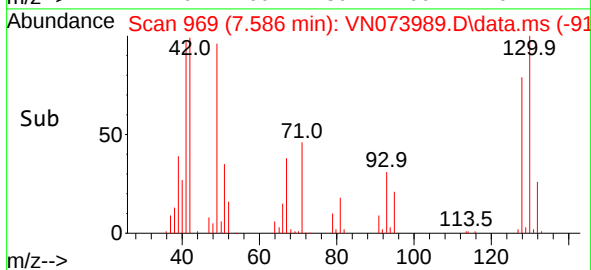
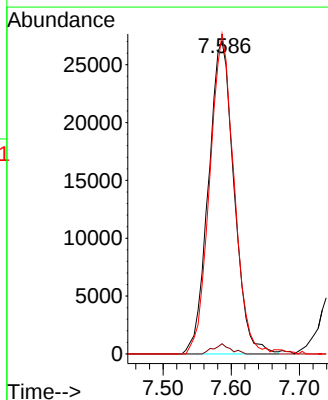
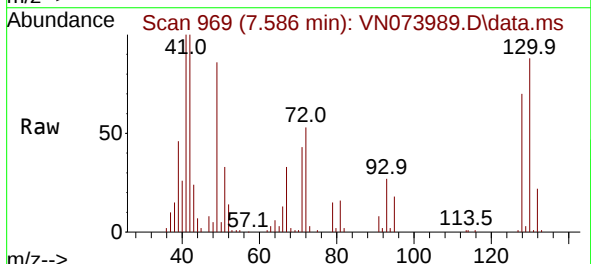
Manual Integrations
 APPROVED

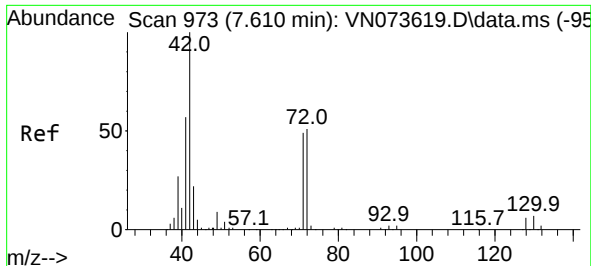
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#28
 Bromochloromethane
 Concen: 22.462 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

Tgt Ion: 49 Resp: 70734
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 96.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 106.123 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073989.D

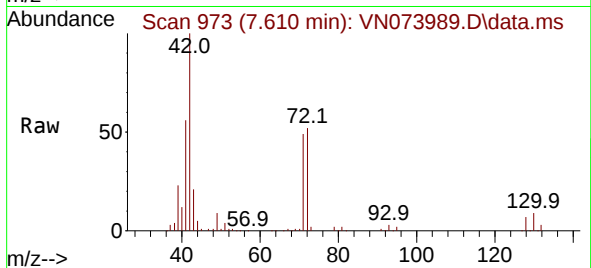
Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02



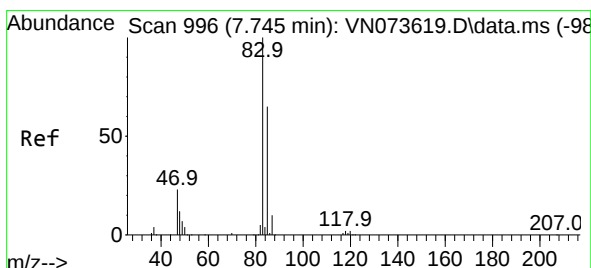
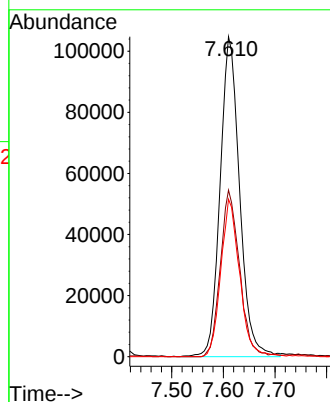
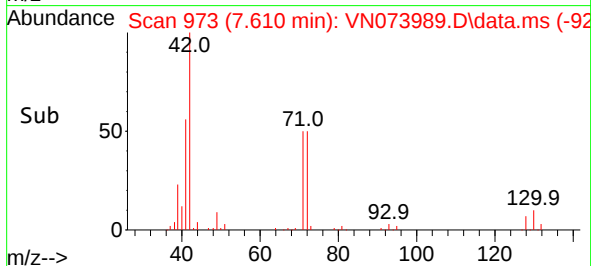
Tgt Ion:	42	Resp:	27453
Ion Ratio	100	Lower	Upper
42	100		
72	51.3	39.7	59.5
71	47.5	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#30

Chloroform

Concen: 18.591 ug/l

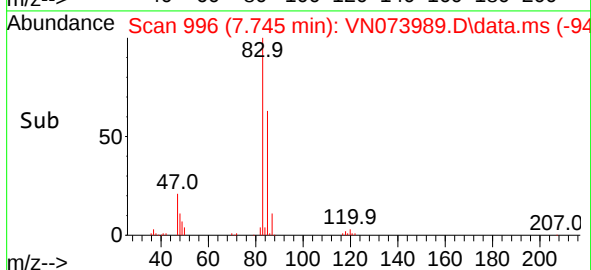
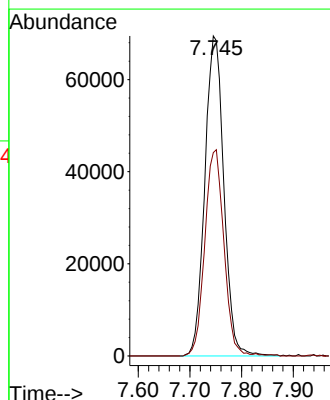
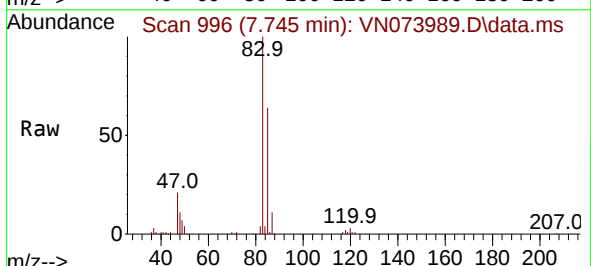
RT: 7.745 min Scan# 996

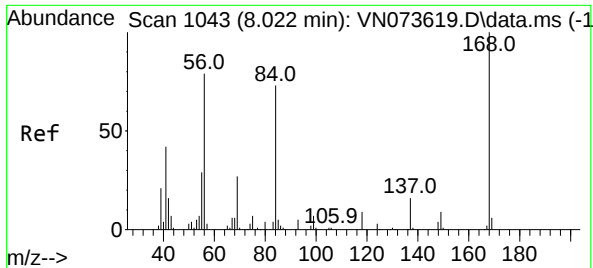
Delta R.T. 0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

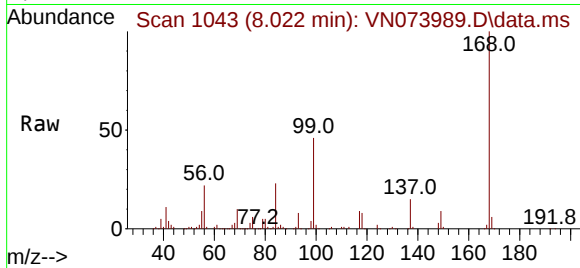
Tgt Ion:	83	Resp:	177495
Ion Ratio	100	Lower	Upper
83	100		
85	63.5	51.8	77.8





#31
Cyclohexane
Concen: 17.914 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

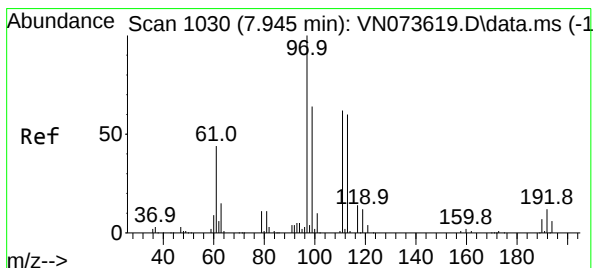
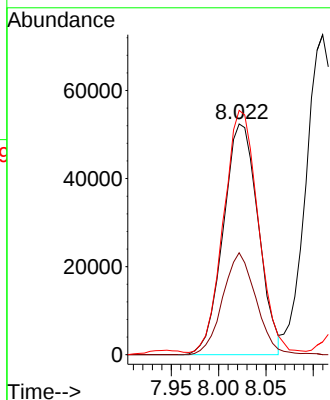
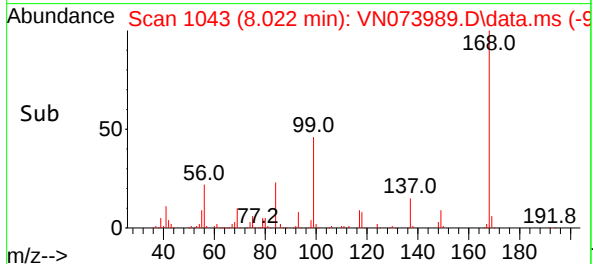
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



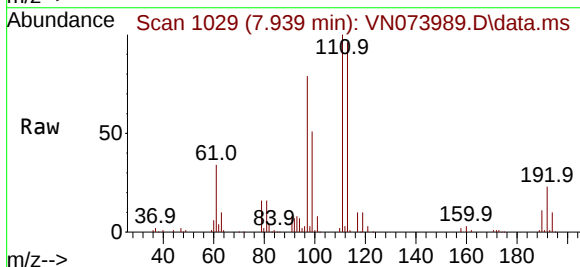
Tgt Ion: 56 Resp: 13462
Ion Ratio Lower Upper
56 100
69 44.1 27.8 41.8
84 104.3 76.9 115.3

Manual Integrations
APPROVED

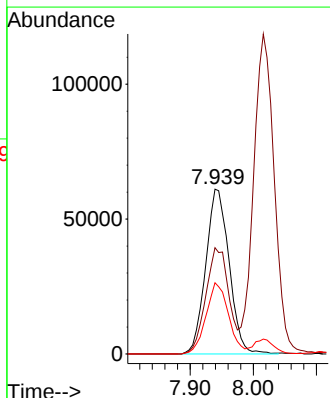
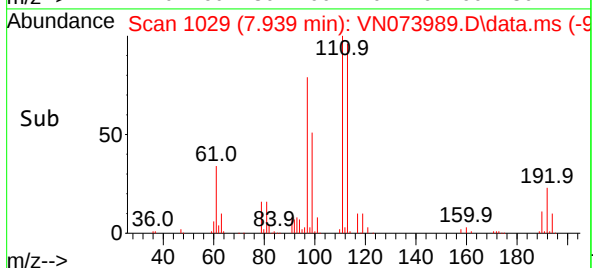
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

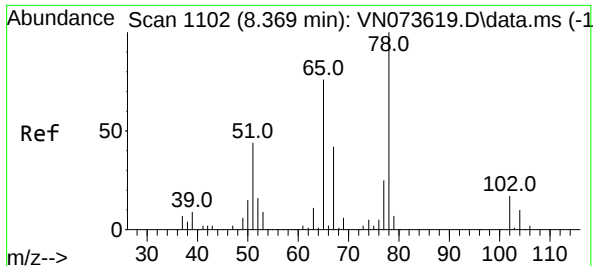


#32
1,1,1-Trichloroethane
Concen: 18.595 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



Tgt Ion: 97 Resp: 157432
Ion Ratio Lower Upper
97 100
99 63.1 50.6 76.0
61 41.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.157 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02

Tgt Ion: 65 Resp: 291954

Ion Ratio Lower Upper

65 100

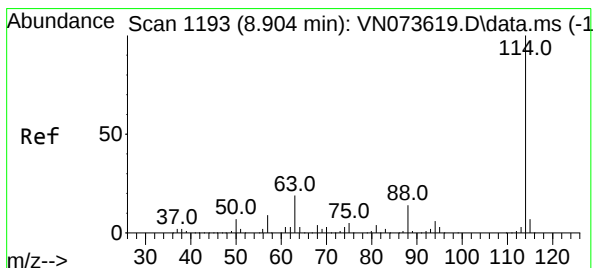
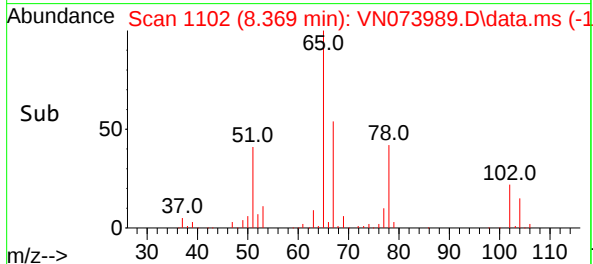
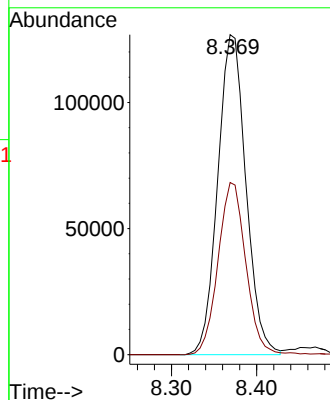
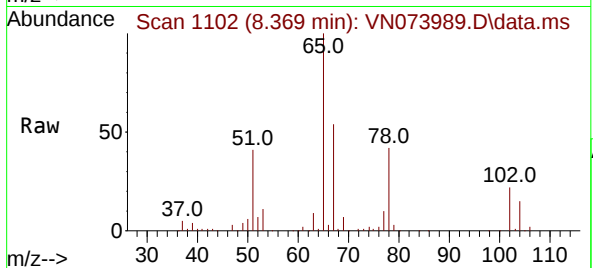
67 53.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

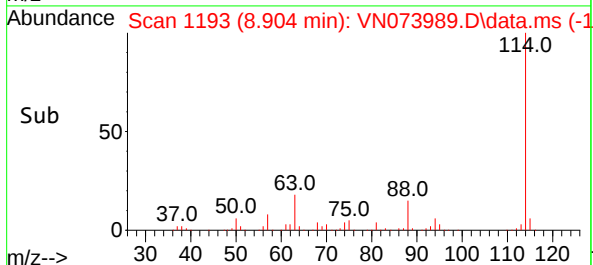
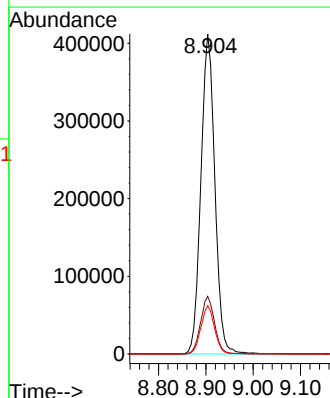
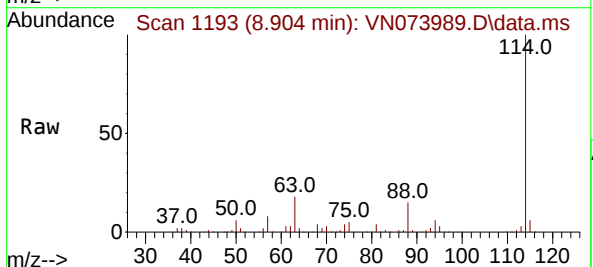
Tgt Ion:114 Resp: 841679

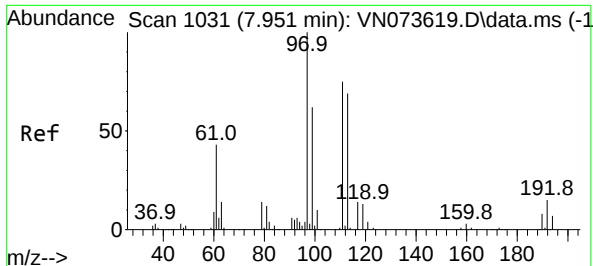
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

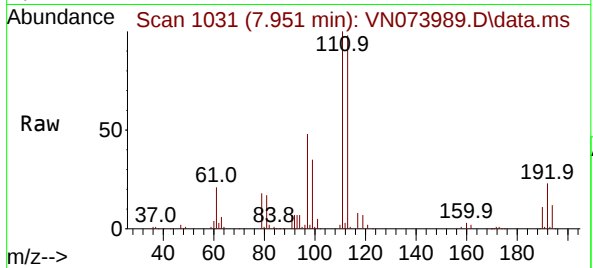
88 15.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.524 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

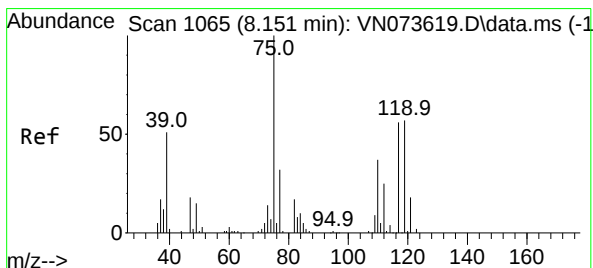
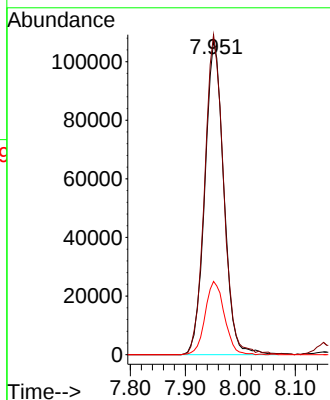
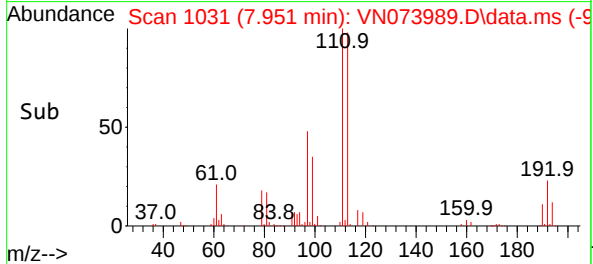
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 113 Resp: 256468
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 23.8 17.0 25.6

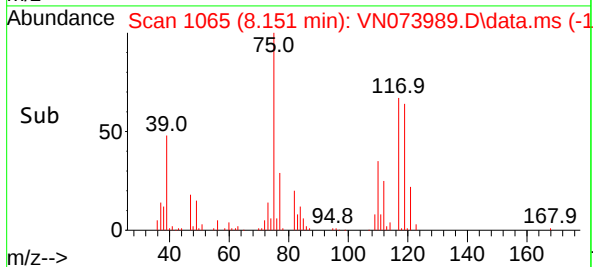
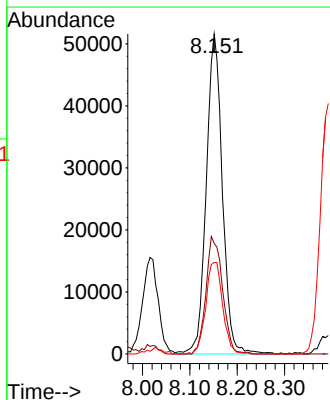
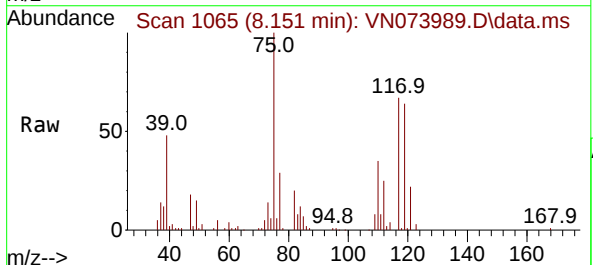
Manual Integrations
APPROVED

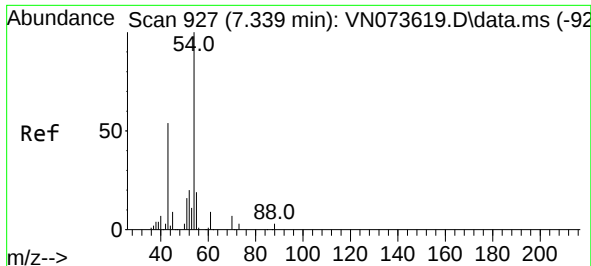
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#36
1,1-Dichloropropene
Concen: 17.614 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

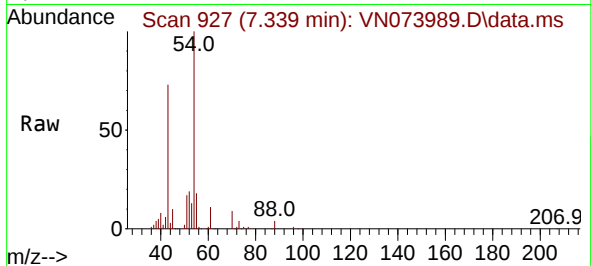
Tgt Ion: 75 Resp: 121777
Ion Ratio Lower Upper
75 100
110 37.8 18.3 54.8
77 30.2 25.1 37.7





#37
Ethyl Acetate
Concen: 19.746 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

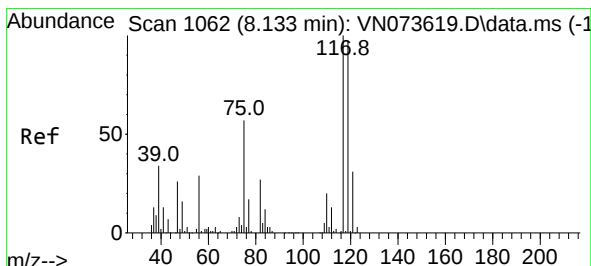
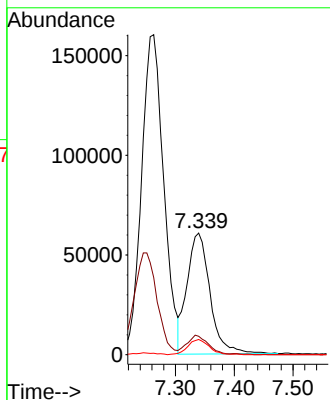
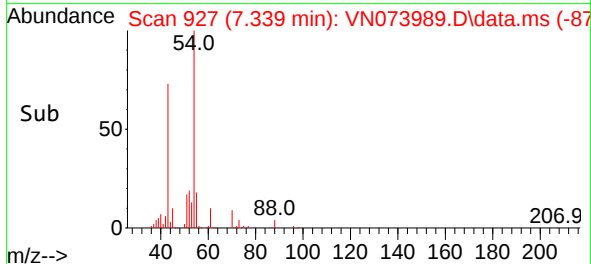
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 43 Resp: 165389
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 11.6 9.3 13.9

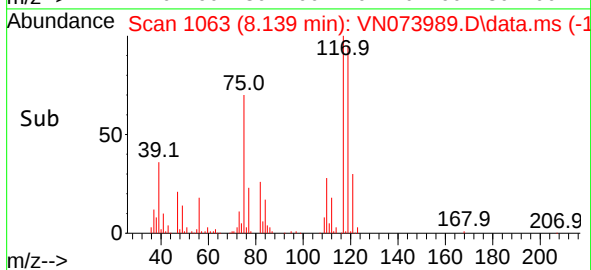
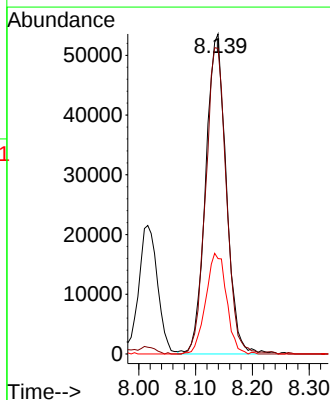
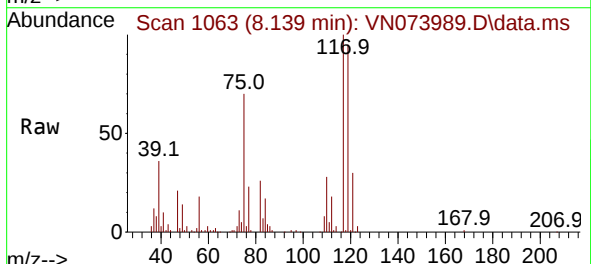
Manual Integrations
APPROVED

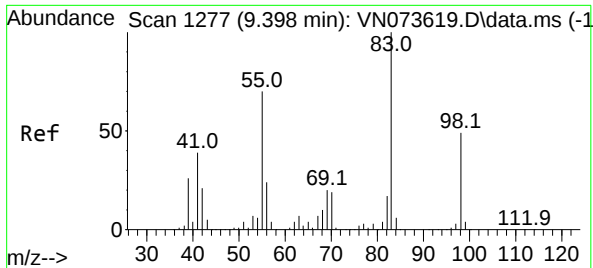
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#38
Carbon Tetrachloride
Concen: 17.041 ug/l
RT: 8.139 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

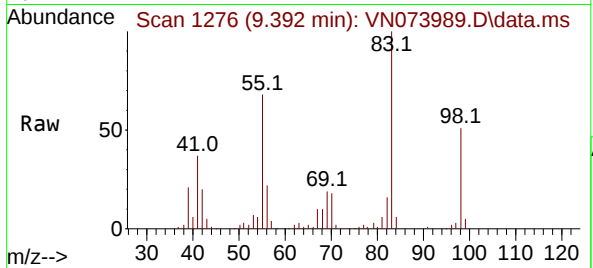
Tgt Ion:117 Resp: 134666
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8
121 29.8 24.6 37.0





#39
Methylcyclohexane
Concen: 16.104 ug/l
RT: 9.392 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

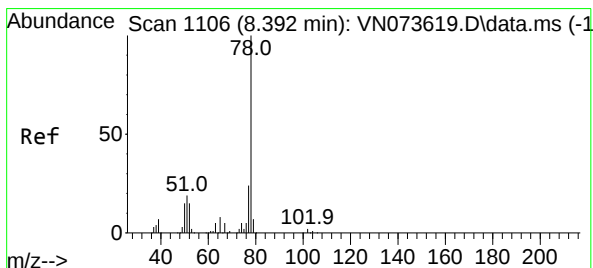
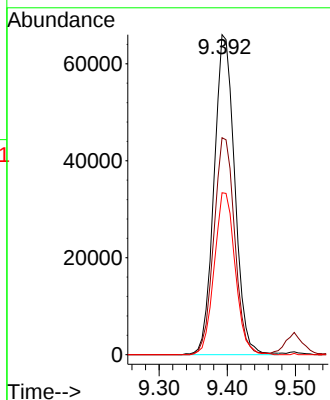
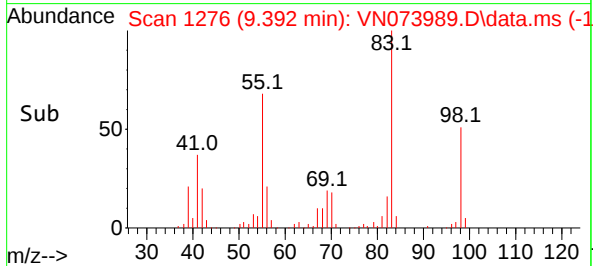
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 83 Resp: 13951
Ion Ratio Lower Upper
83 100
55 67.8 57.8 86.8
98 50.6 39.4 59.2

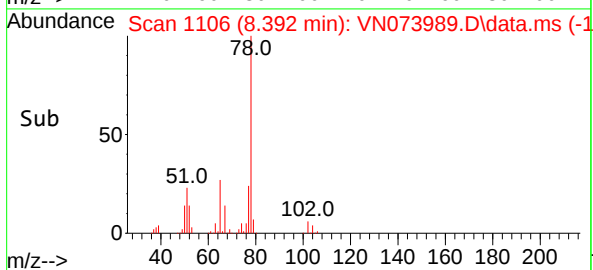
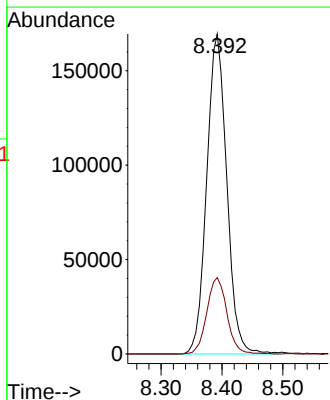
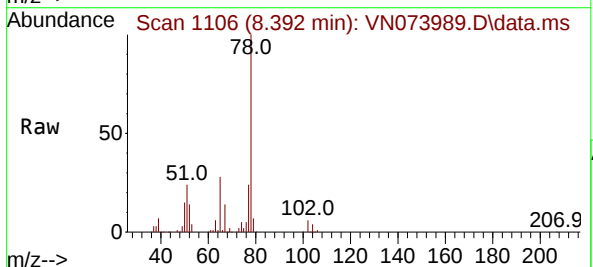
Manual Integrations
APPROVED

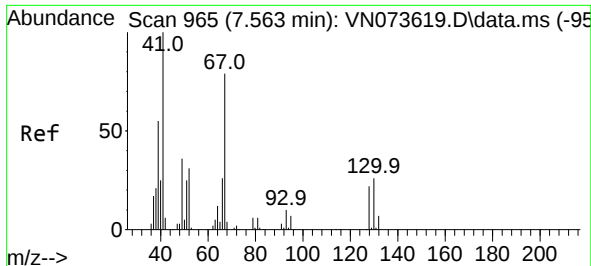
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#40
Benzene
Concen: 17.756 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion: 78 Resp: 387446
Ion Ratio Lower Upper
78 100
77 23.8 19.4 29.0





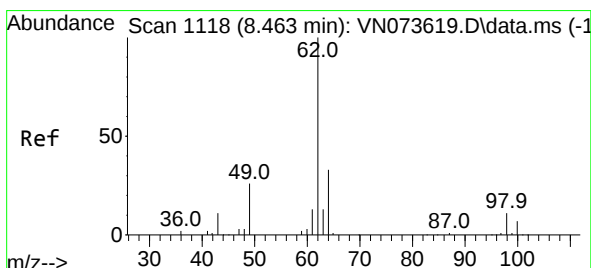
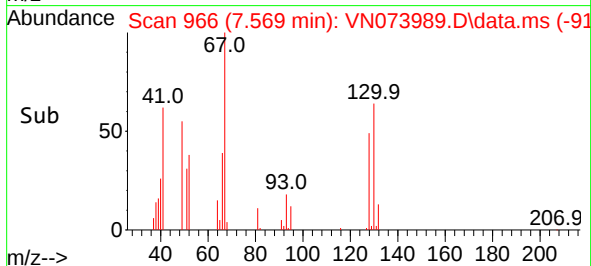
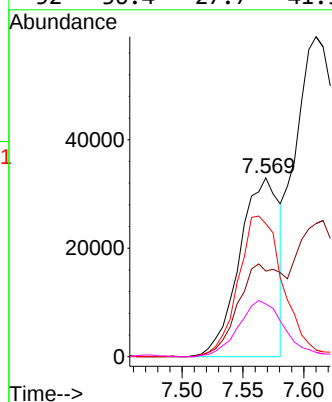
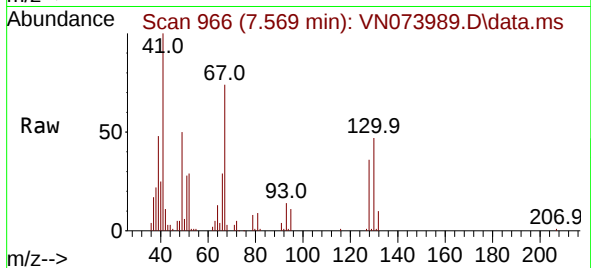
#41
Methacrylonitrile
Concen: 19.844 ug/l
RT: 7.569 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02

Tgt Ion: 41 Resp: 75114
Ion Ratio Lower Upper
41 100
39 60.2 48.6 73.0
67 89.0 73.4 110.2
52 36.4 27.7 41.5

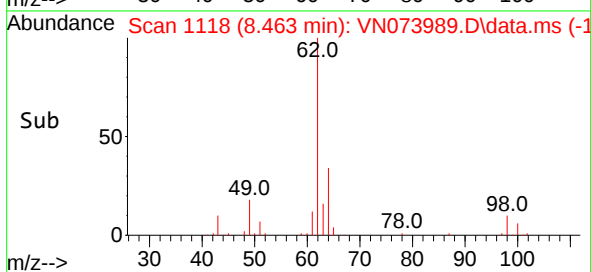
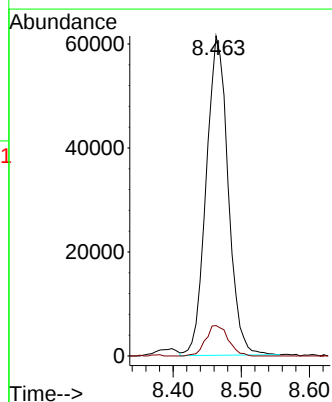
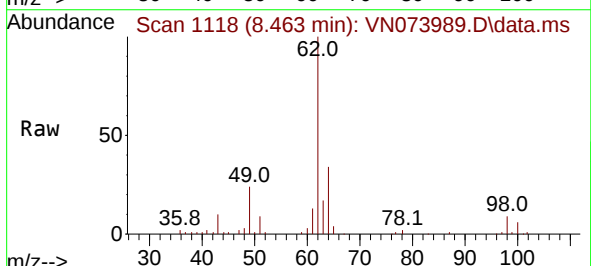
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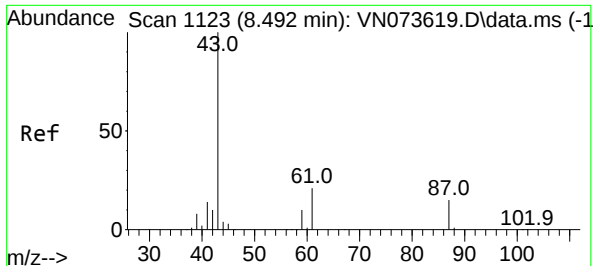
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#42
1,2-Dichloroethane
Concen: 18.316 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion: 62 Resp: 137423
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43

Isopropyl Acetate

Concen: 18.917 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02

Tgt Ion: 43 Resp: 22572

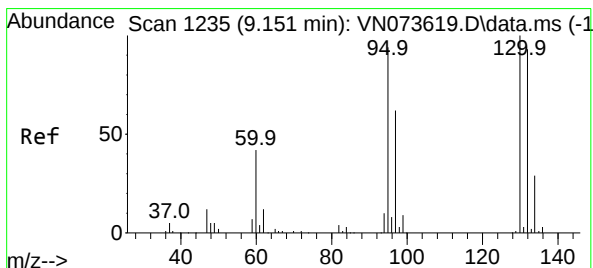
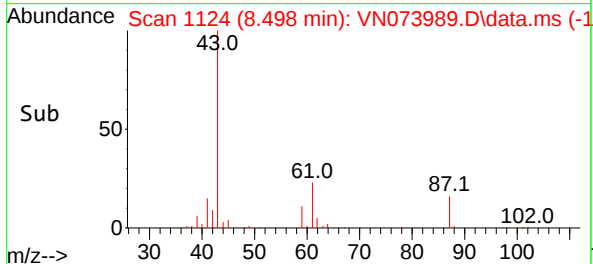
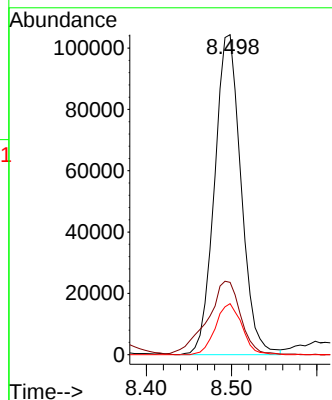
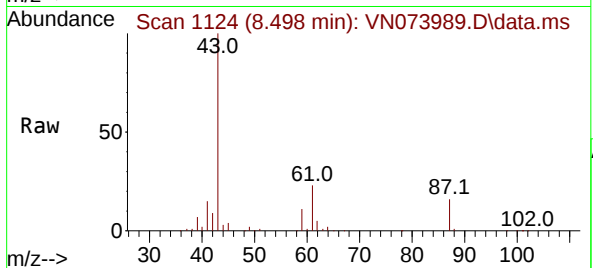
Ion	Ratio	Lower	Upper
43	100		
61	29.0	21.9	32.9
87	15.9	12.0	18.0

Manual Integrations

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Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#44

Trichloroethene

Concen: 16.949 ug/l

RT: 9.151 min Scan# 1235

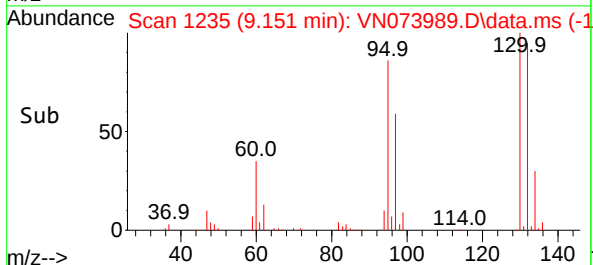
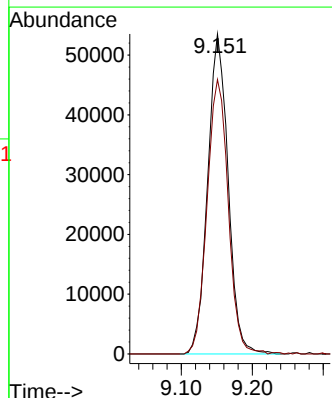
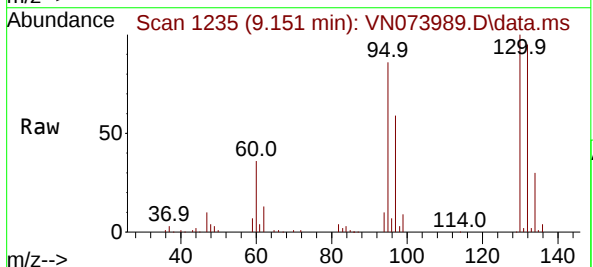
Delta R.T. 0.000 min

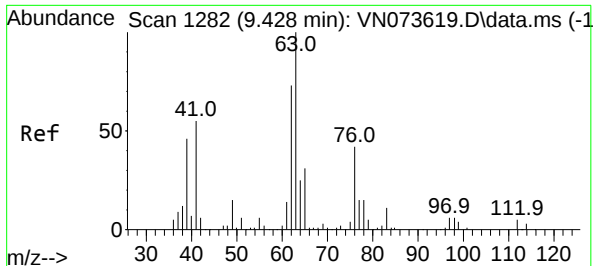
Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Tgt Ion:130 Resp: 106821

Ion	Ratio	Lower	Upper
130	100		
95	85.8	0.0	186.8





#45

1,2-Dichloropropane

Concen: 18.307 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.001 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02

Tgt Ion: 63 Resp: 95749

Ion Ratio Lower Upper

63 100

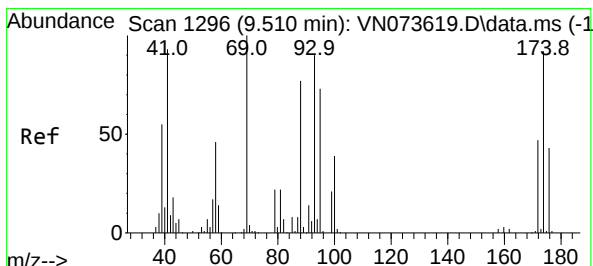
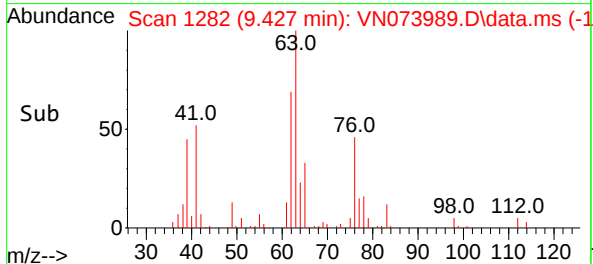
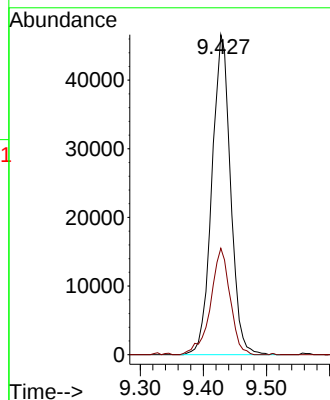
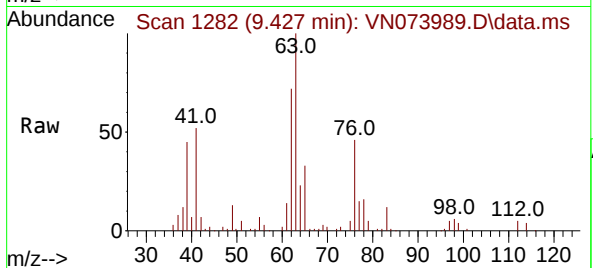
65 33.3 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#46

Dibromomethane

Concen: 18.185 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

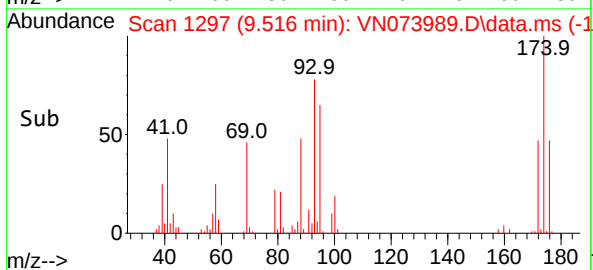
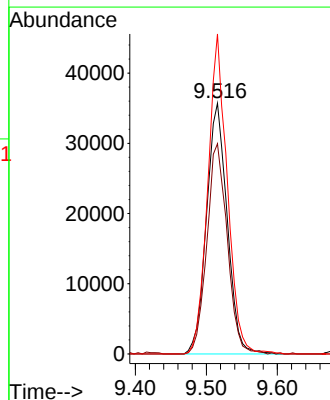
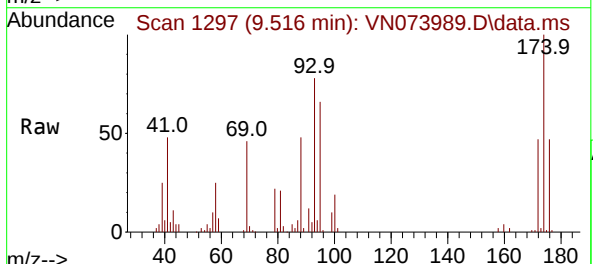
Tgt Ion: 93 Resp: 72311

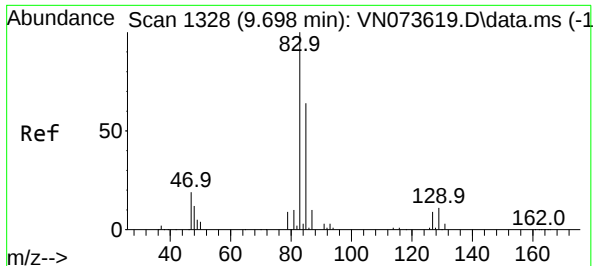
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

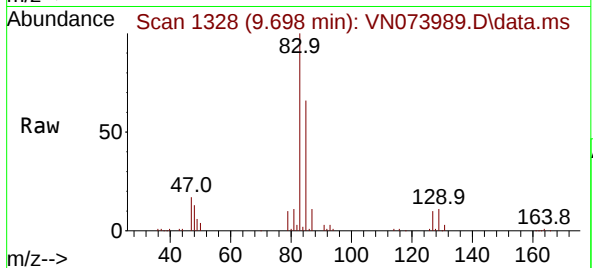
174 120.2 86.6 130.0





#47
Bromodichloromethane
Concen: 17.750 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

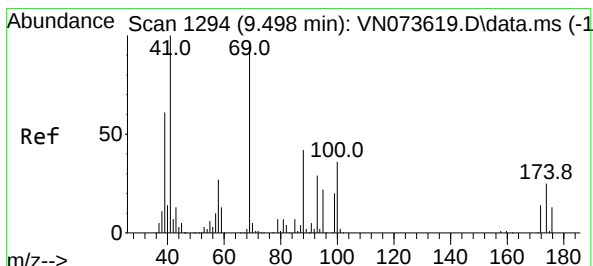
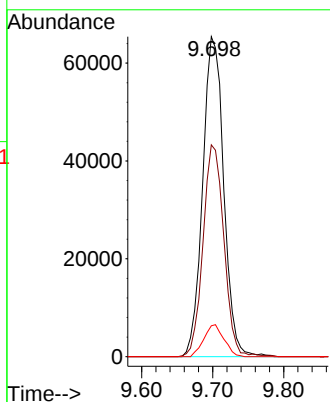
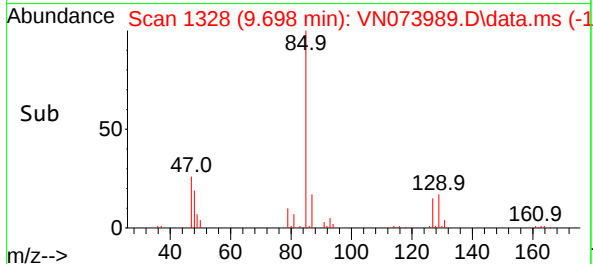
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



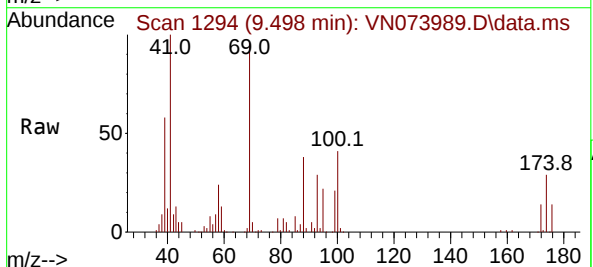
Tgt Ion: 83 Resp: 13490
Ion Ratio Lower Upper
83 100
85 66.2 50.5 75.7
127 9.7 6.8 10.2

Manual Integrations
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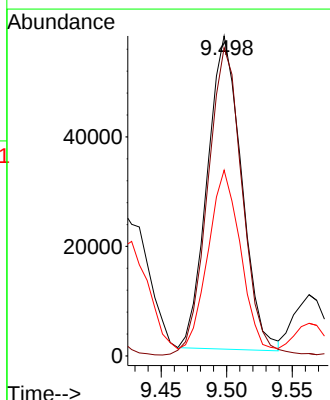
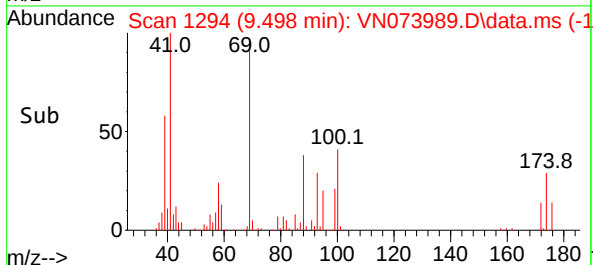
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

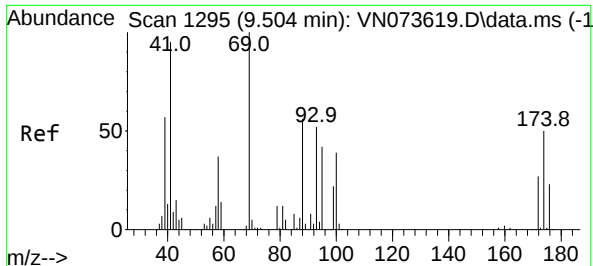


#48
Methyl methacrylate
Concen: 20.272 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



Tgt Ion: 41 Resp: 103503
Ion Ratio Lower Upper
41 100
69 99.9 74.7 112.1
39 58.9 45.6 68.4





#49

1,4-Dioxane

Concen: 376.019 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02

Tgt Ion: 88 Resp: 5709

Ion Ratio Lower Upper

88 100

43 28.4 20.2 30.4

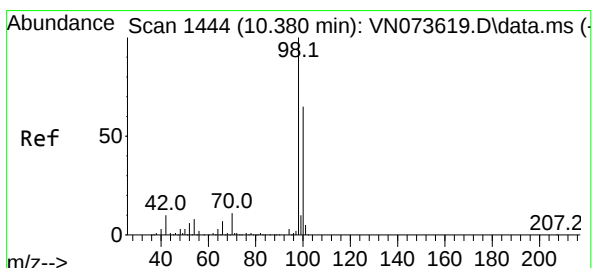
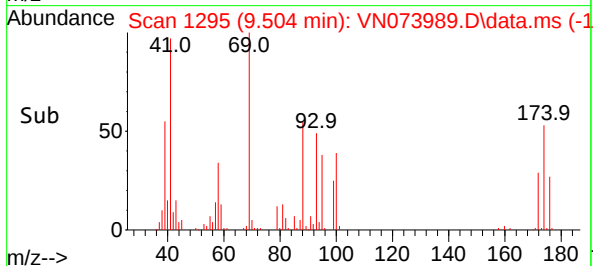
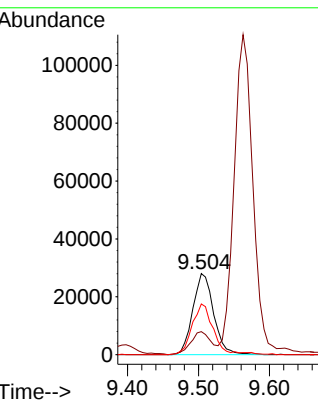
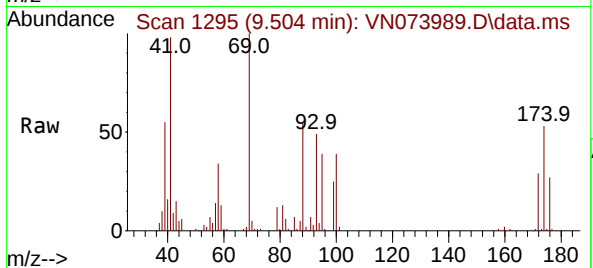
58 64.2 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#50

Toluene-d8

Concen: 49.677 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073989.D

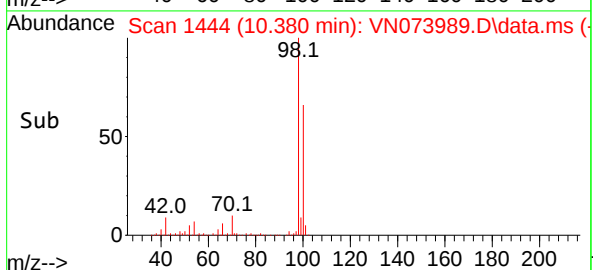
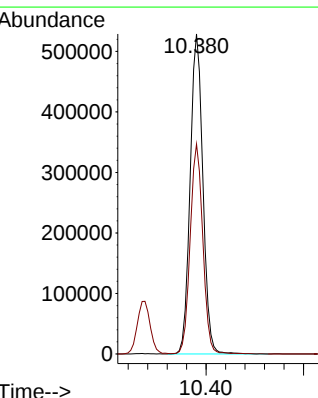
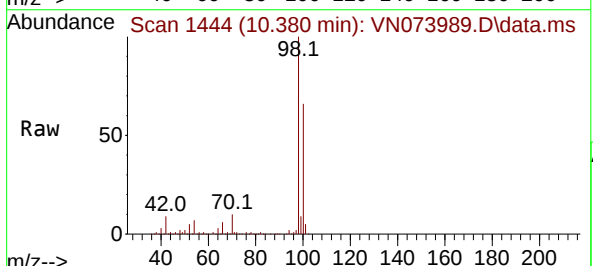
Acq: 17 Aug 2022 20:27

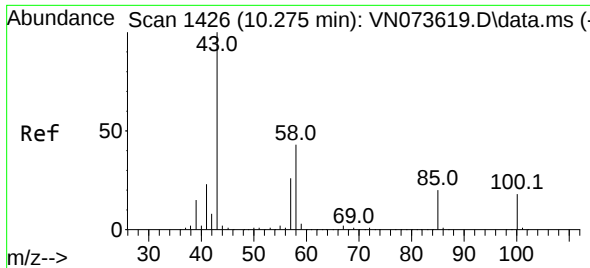
Tgt Ion: 98 Resp: 957659

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8





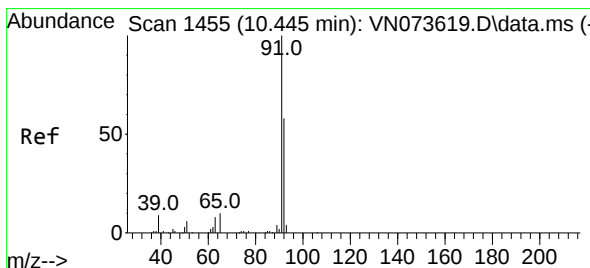
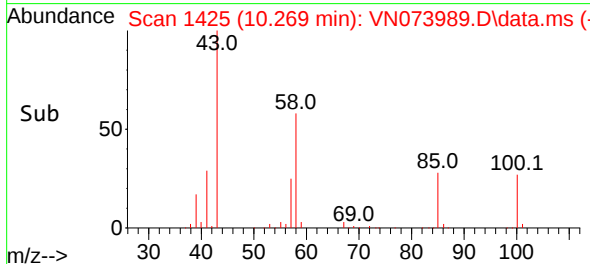
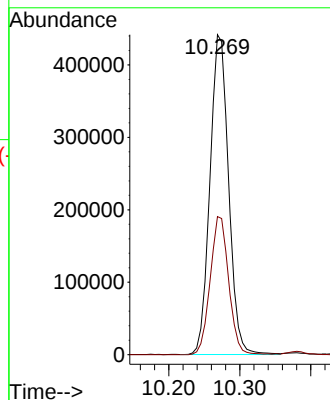
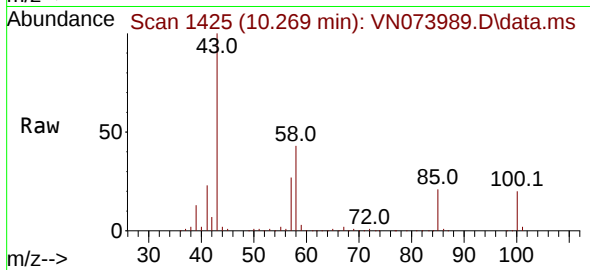
#51
4-Methyl-2-Pentanone
Concen: 99.843 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02

Tgt Ion: 43 Resp: 805472
Ion Ratio Lower Upper
43 100
58 42.9 34.1 51.1

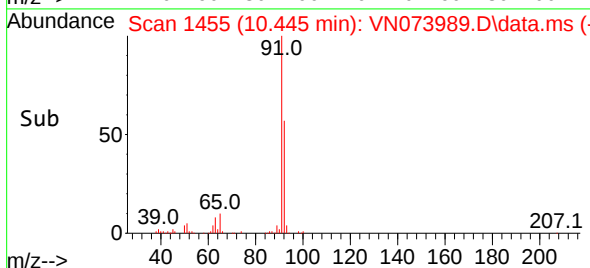
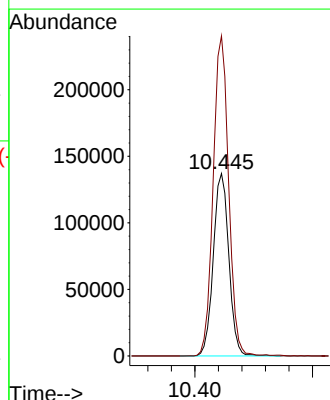
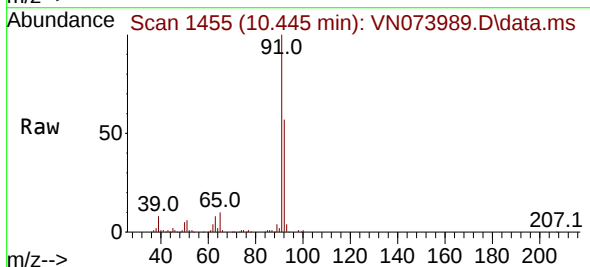
Manual Integrations
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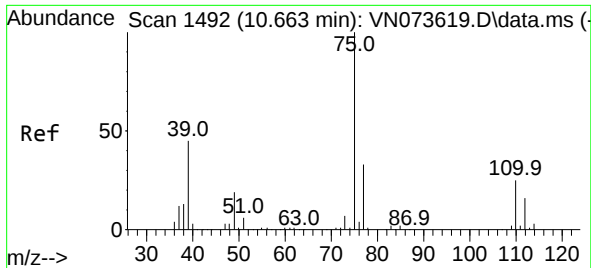
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#52
Toluene
Concen: 16.768 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

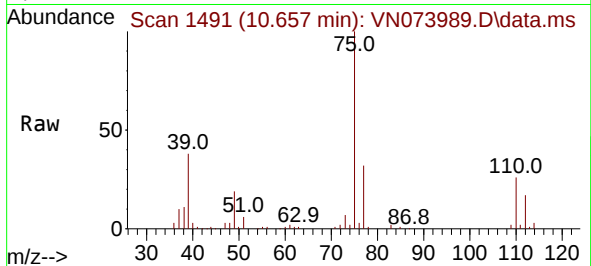
Tgt Ion: 92 Resp: 250891
Ion Ratio Lower Upper
92 100
91 174.1 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 17.241 ug/l
 RT: 10.657 min Scan# 1492
 Delta R.T. -0.006 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

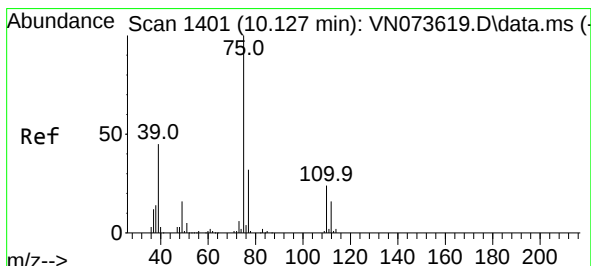
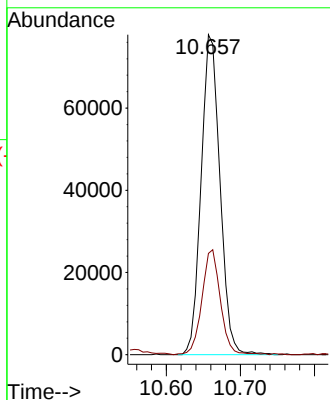
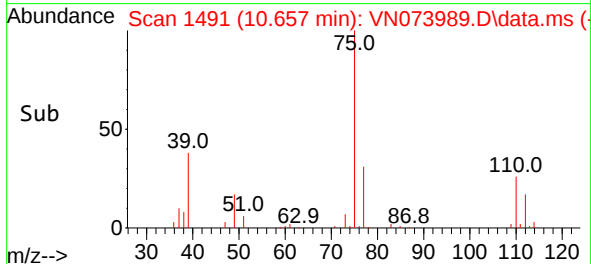
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS02



Tgt Ion: 75 Resp: 13750
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.6 38.4

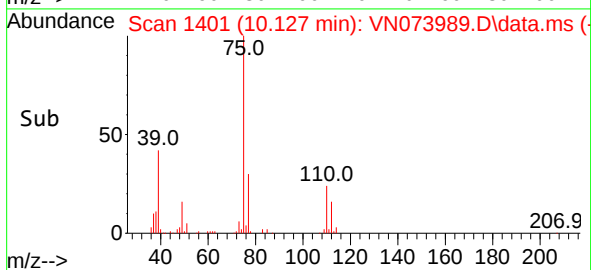
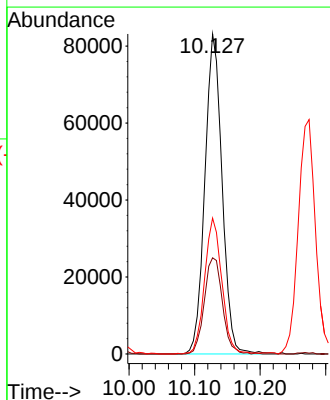
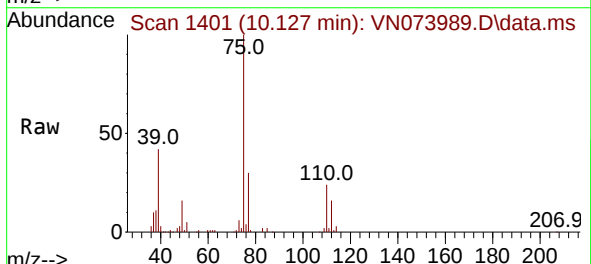
Manual Integrations
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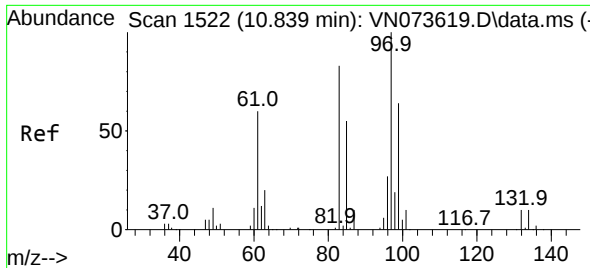
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#54
 cis-1,3-Dichloropropene
 Concen: 17.428 ug/l
 RT: 10.127 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

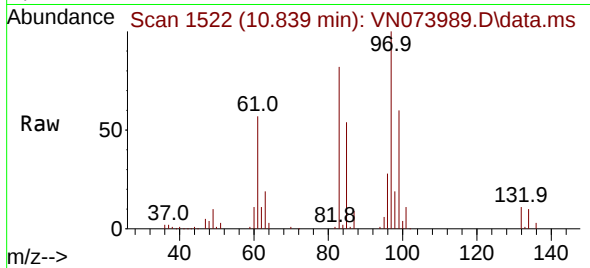
Tgt Ion: 75 Resp: 152078
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.2 37.8
 39 42.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 18.389 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

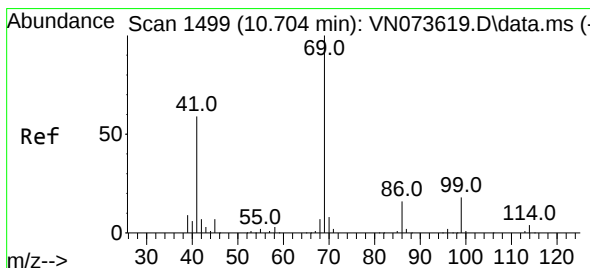
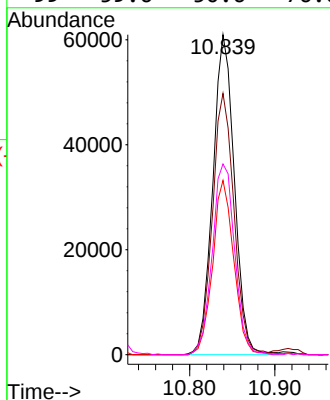
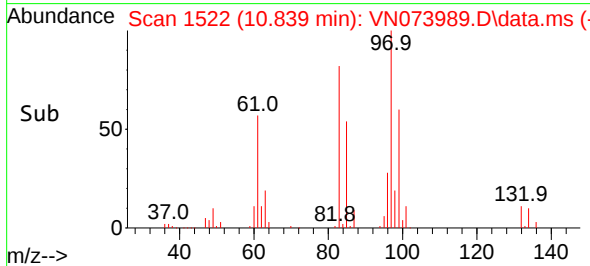
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



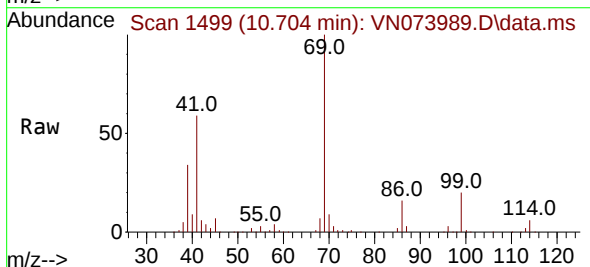
Tgt Ion: 97 Resp: 107030
Ion Ratio Lower Upper
97 100
83 81.6 66.2 99.4
85 54.4 43.9 65.9
99 59.6 50.6 76.0

Manual Integrations
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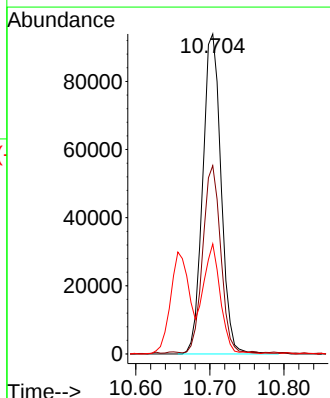
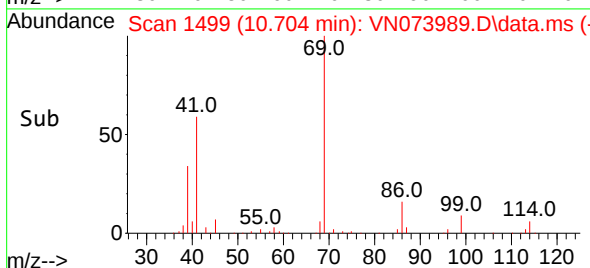
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

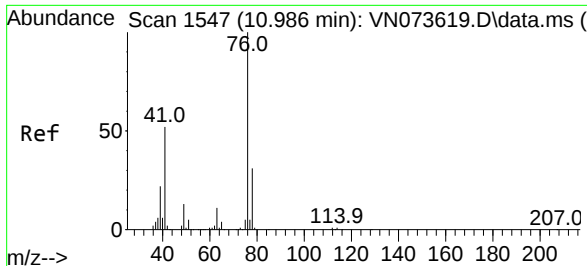


#56
Ethyl methacrylate
Concen: 19.441 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



Tgt Ion: 69 Resp: 161386
Ion Ratio Lower Upper
69 100
41 57.2 47.8 71.6
39 32.0 27.3 40.9





#57

1,3-Dichloropropane

Concen: 18.763 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02

Tgt Ion: 76 Resp: 177570

Ion Ratio Lower Upper

76 100

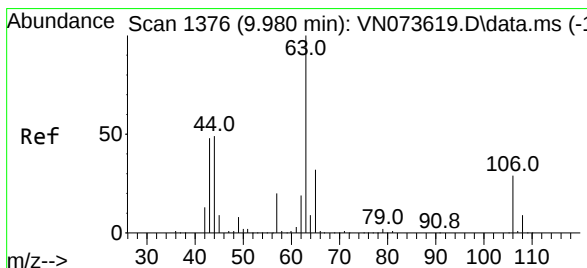
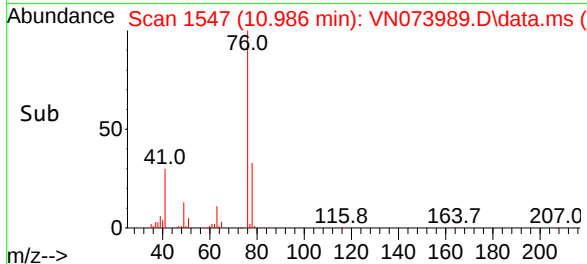
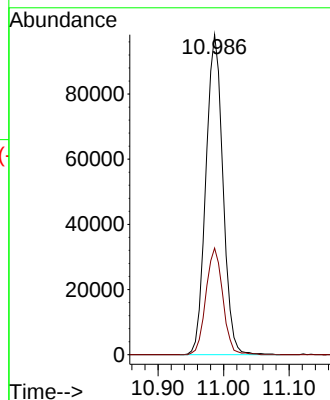
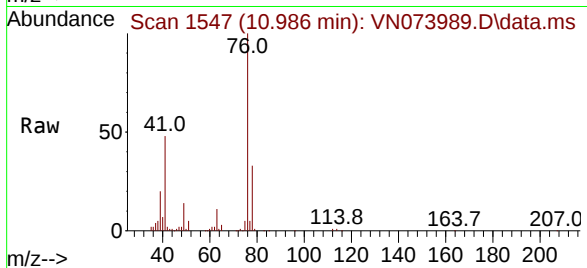
78 33.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#58

2-Chloroethyl Vinyl ether

Concen: 108.953 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073989.D

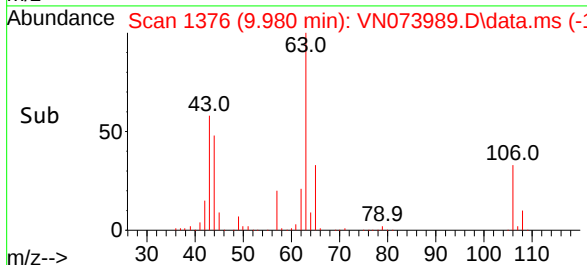
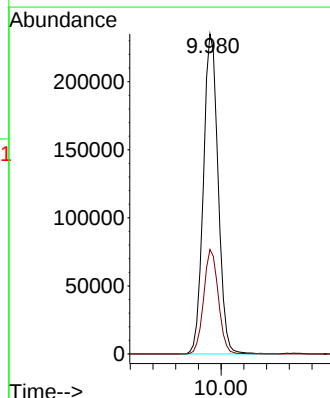
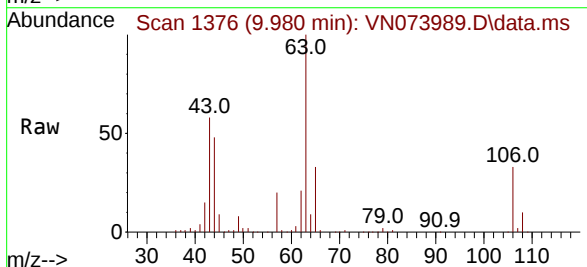
Acq: 17 Aug 2022 20:27

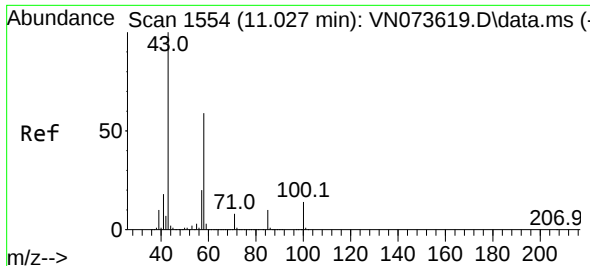
Tgt Ion: 63 Resp: 422132

Ion Ratio Lower Upper

63 100

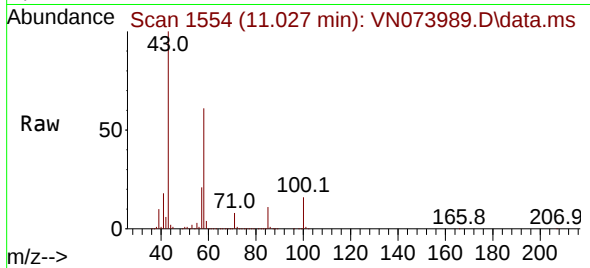
106 32.5 24.6 36.8





#59
2-Hexanone
Concen: 100.303 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

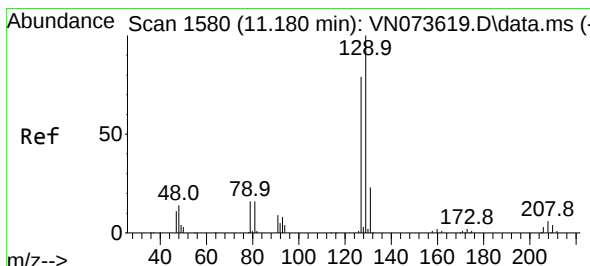
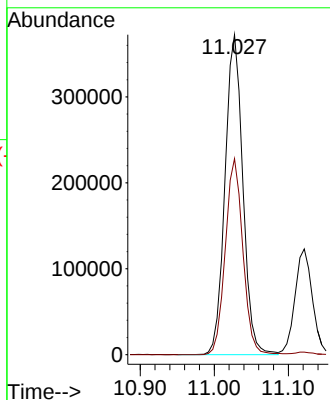
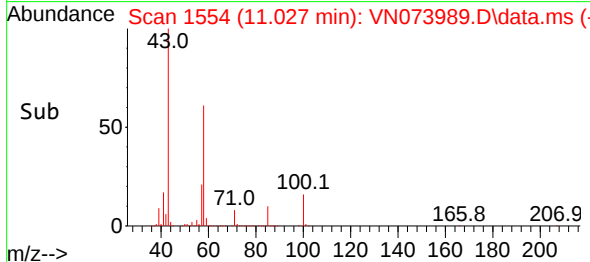
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 43 Resp: 622752
Ion Ratio Lower Upper
43 100
58 60.4 29.7 89.1

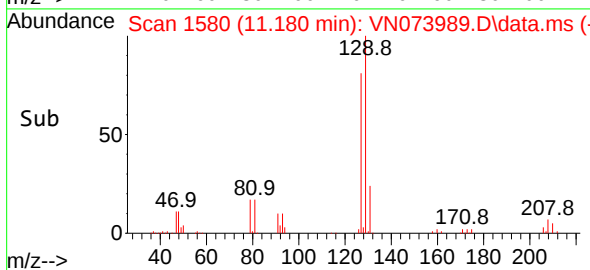
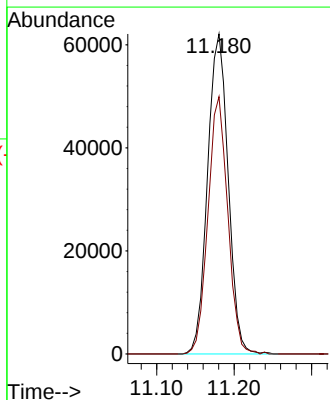
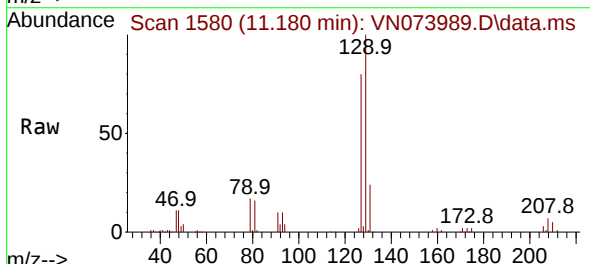
Manual Integrations
APPROVED

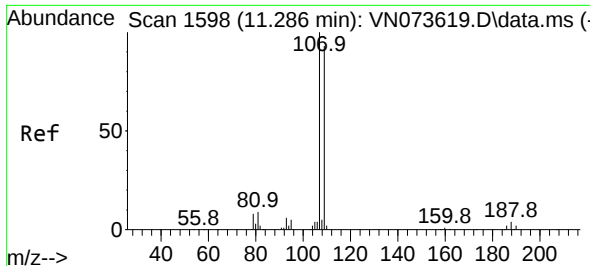
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#60
Dibromochloromethane
Concen: 17.818 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

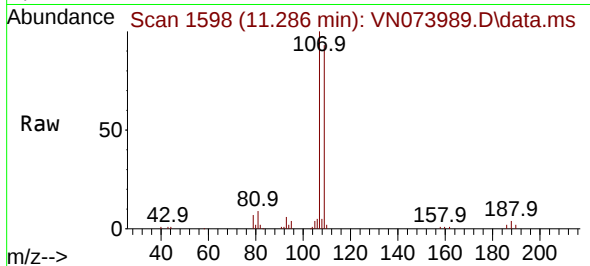
Tgt Ion:129 Resp: 114691
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 18.238 ug/l
RT: 11.286 min Scan# 11353
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

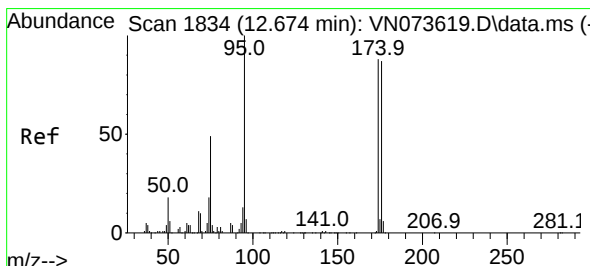
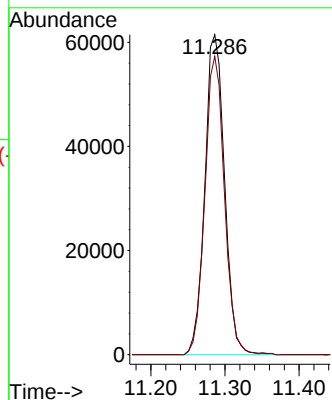
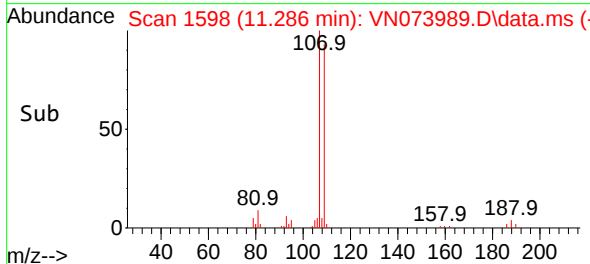
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



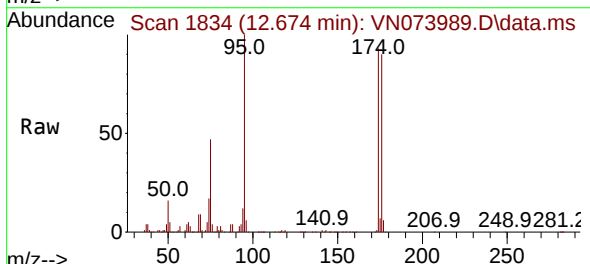
Tgt Ion:107 Resp: 11353
Ion Ratio Lower Upper
107 100
109 92.5 75.0 112.6

Manual Integrations
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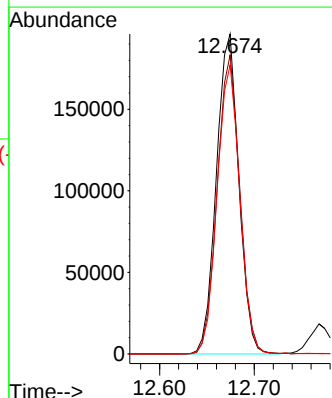
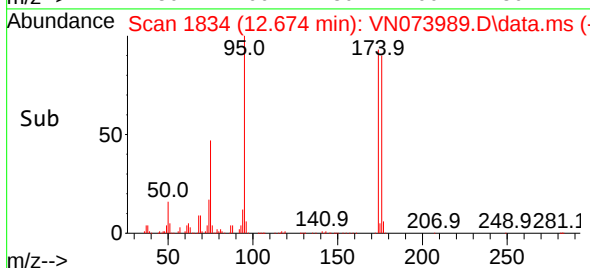
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

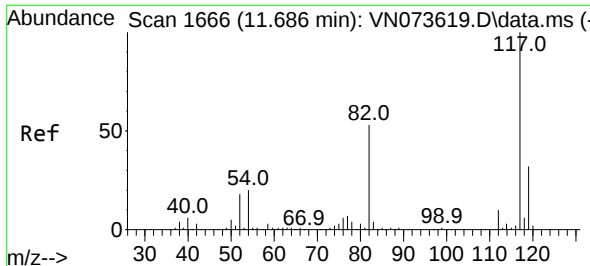


#62
4-Bromofluorobenzene
Concen: 50.474 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



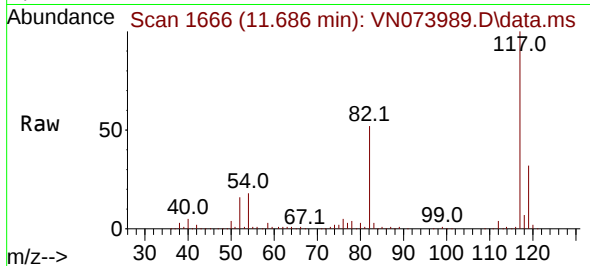
Tgt Ion: 95 Resp: 322929
Ion Ratio Lower Upper
95 100
174 94.0 0.0 167.6
176 91.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

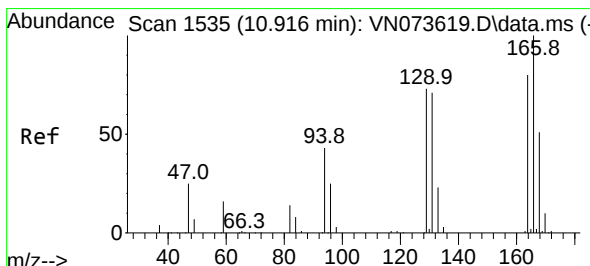
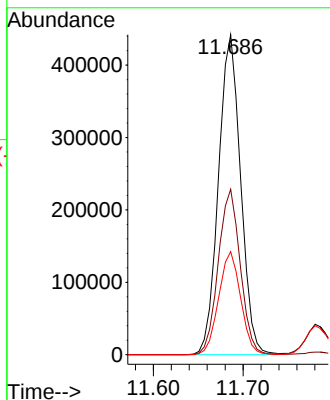
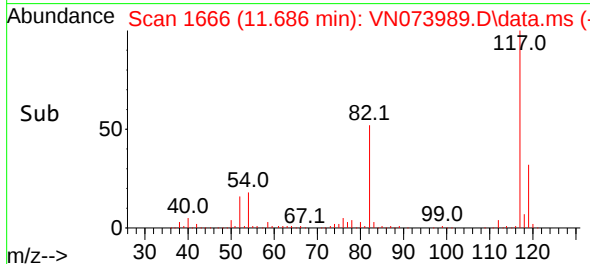
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



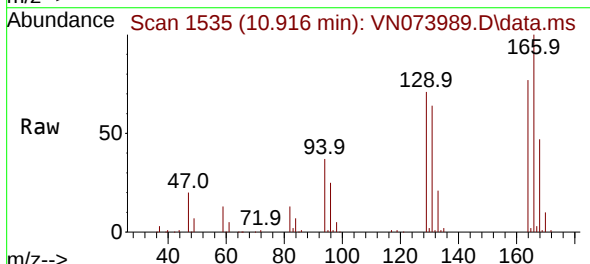
Tgt Ion:117 Resp: 757993
Ion Ratio Lower Upper
117 100
82 51.7 44.2 66.2
119 32.2 25.4 38.0

Manual Integrations
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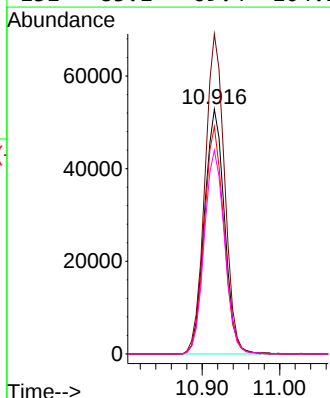
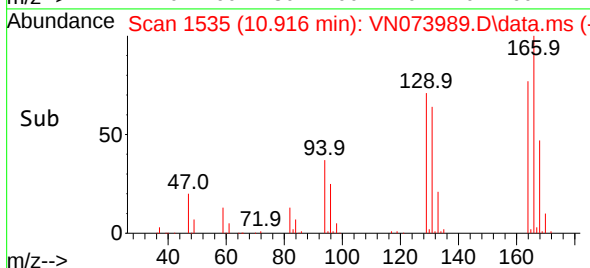
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

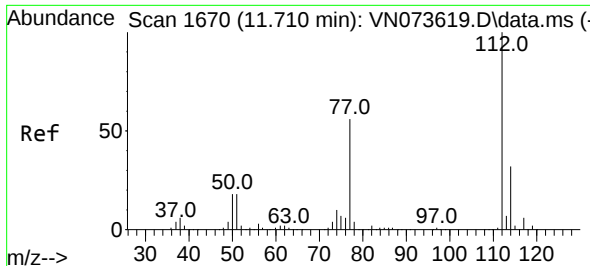


#64
Tetrachloroethene
Concen: 15.884 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



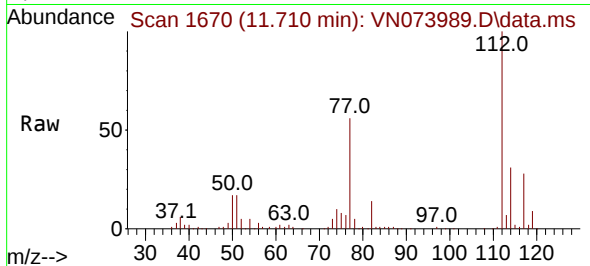
Tgt Ion:164 Resp: 95027
Ion Ratio Lower Upper
164 100
166 130.7 104.2 156.2
129 92.9 73.9 110.9
131 83.1 69.4 104.2





#65
Chlorobenzene
Concen: 17.258 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

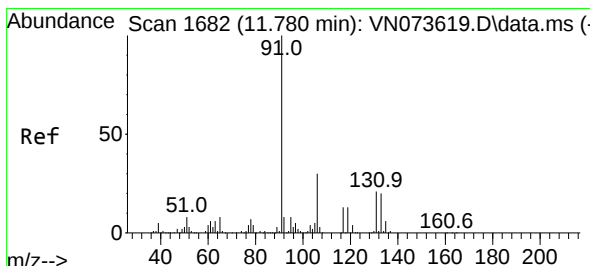
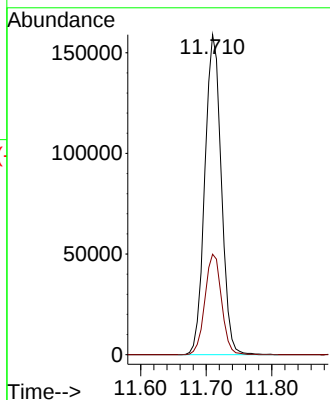
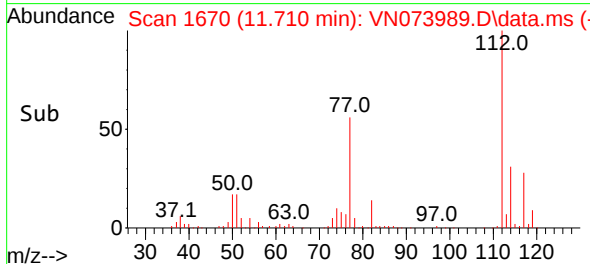
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



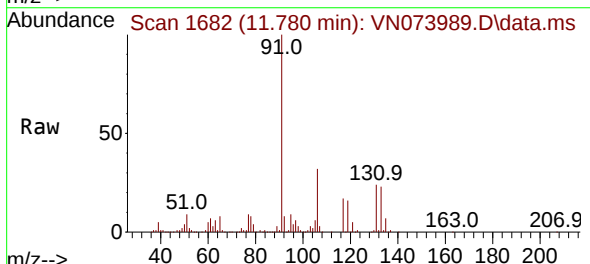
Tgt Ion:112 Resp: 278010
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

Manual Integrations
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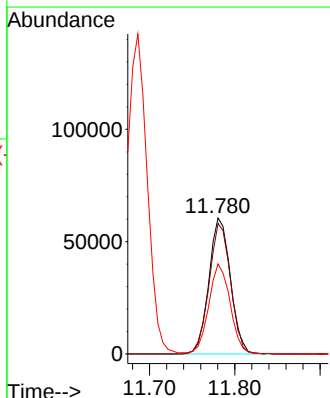
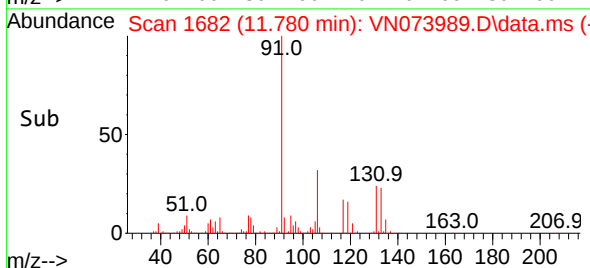
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

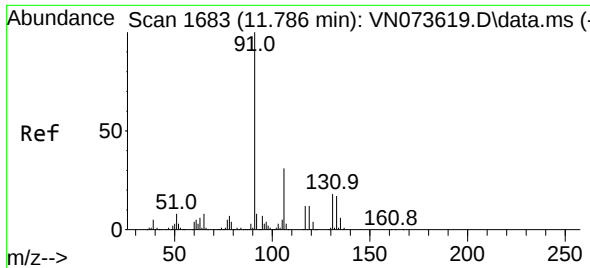


#66
1,1,1,2-Tetrachloroethane
Concen: 17.388 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



Tgt Ion:131 Resp: 106070
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.4
119 65.7 33.4 100.2





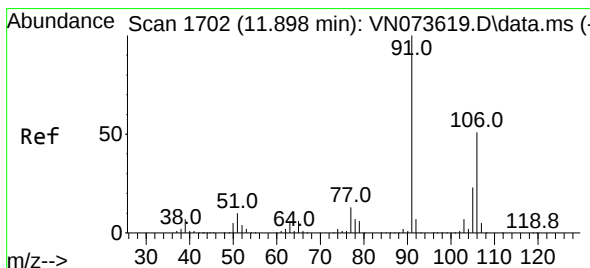
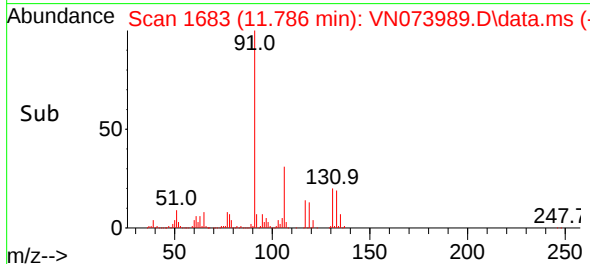
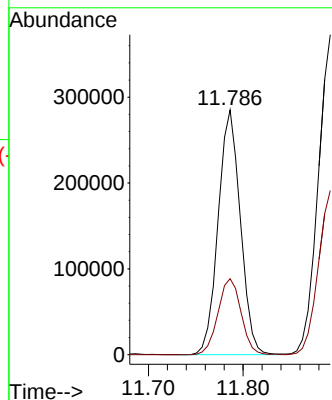
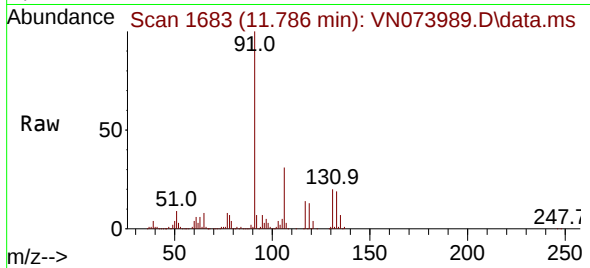
#67
Ethyl Benzene
Concen: 17.347 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02

Tgt Ion: 91 Resp: 464745
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

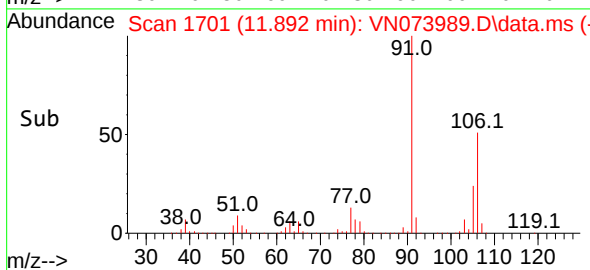
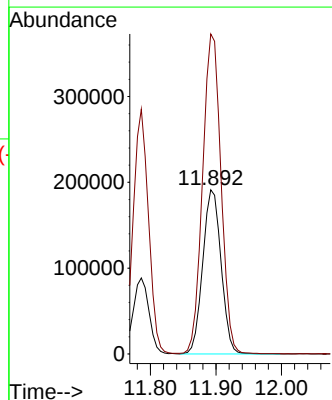
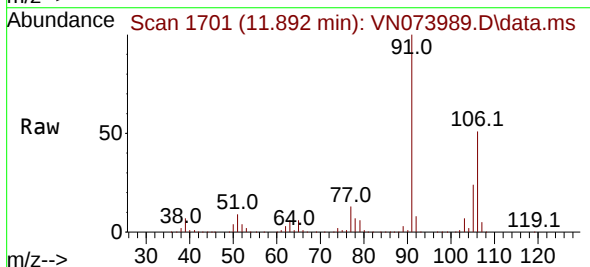
Manual Integrations
APPROVED

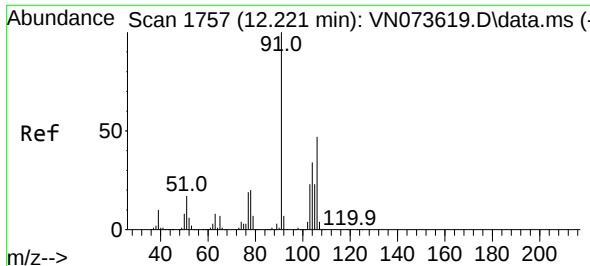
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#68
m/p-Xylenes
Concen: 34.218 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion:106 Resp: 372470
Ion Ratio Lower Upper
106 100
91 195.5 158.9 238.3





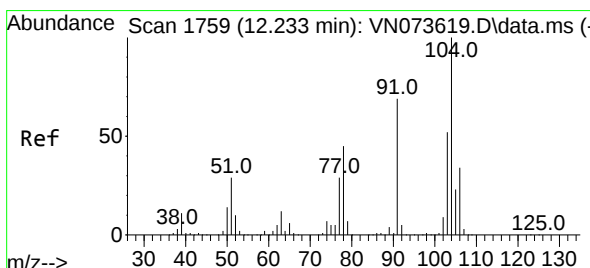
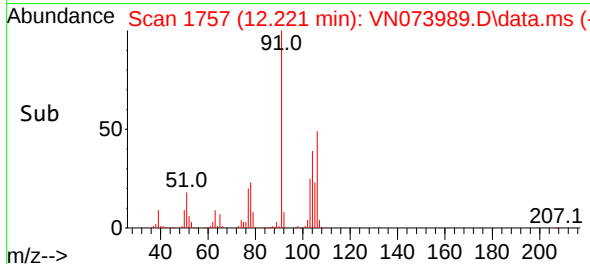
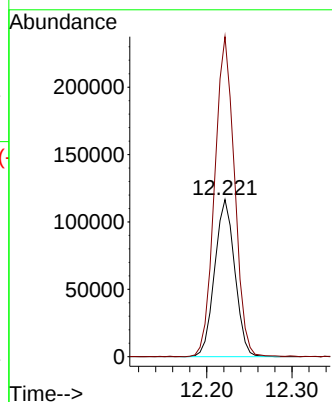
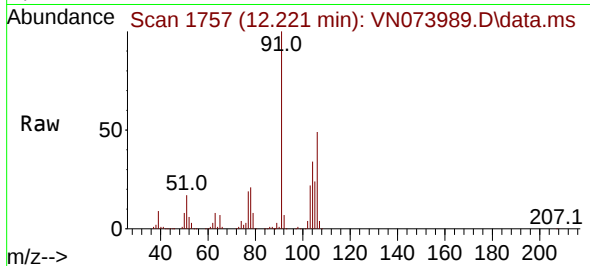
#69
o-Xylene
Concen: 17.529 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02

Tgt Ion:106 Resp: 191340
Ion Ratio Lower Upper
106 100
91 201.2 106.0 318.0

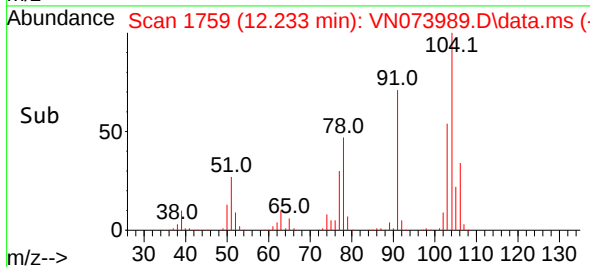
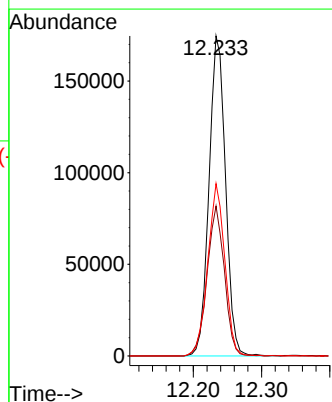
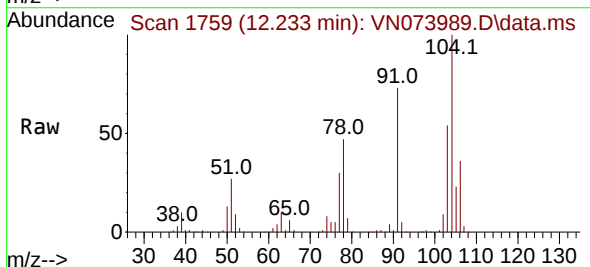
Manual Integrations
APPROVED

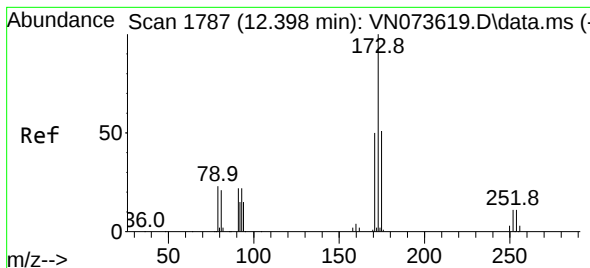
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#70
Styrene
Concen: 17.218 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion:104 Resp: 294244
Ion Ratio Lower Upper
104 100
78 49.0 39.5 59.3
103 56.0 44.0 66.0





#71

Bromoform

Concen: 16.720 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. -0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02

Tgt Ion:173 Resp: 91063

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.6

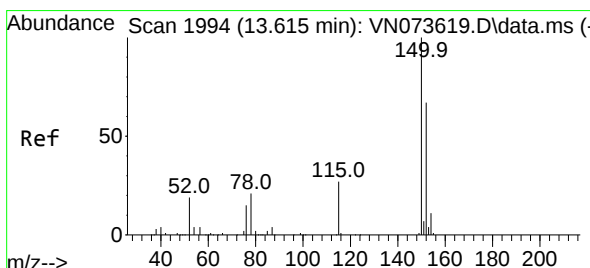
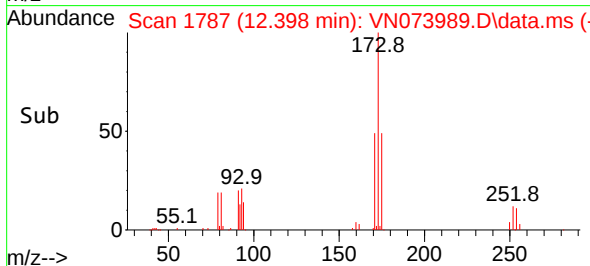
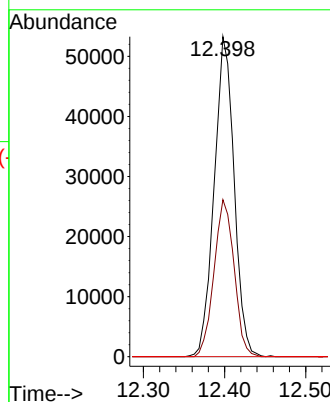
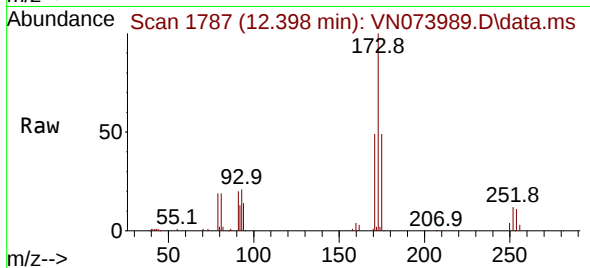
254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

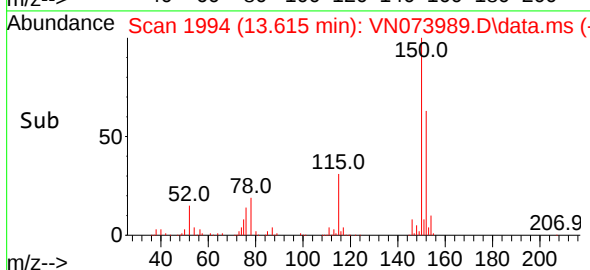
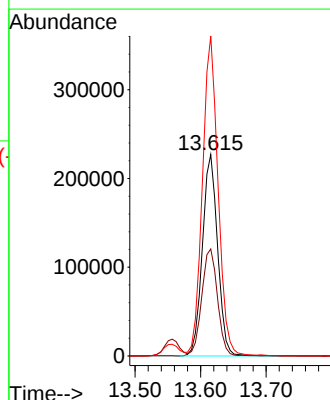
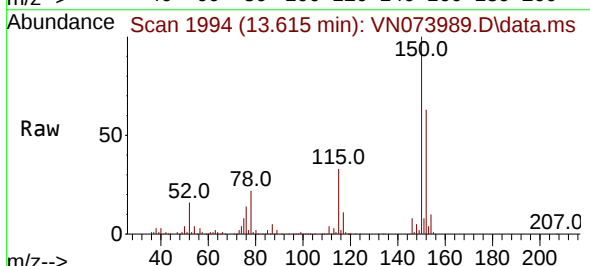
Tgt Ion:152 Resp: 367224

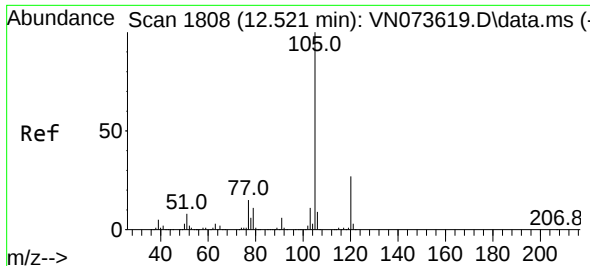
Ion Ratio Lower Upper

152 100

115 54.6 28.9 86.7

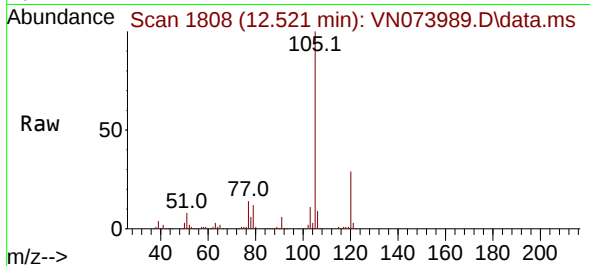
150 163.5 0.0 356.2





#73
Isopropylbenzene
Concen: 17.741 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

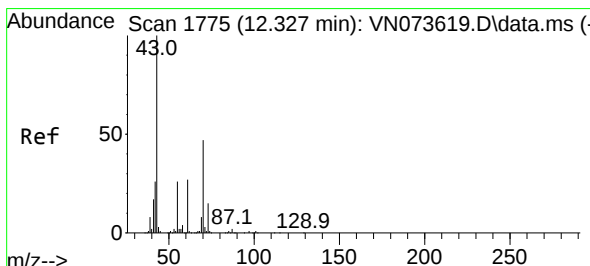
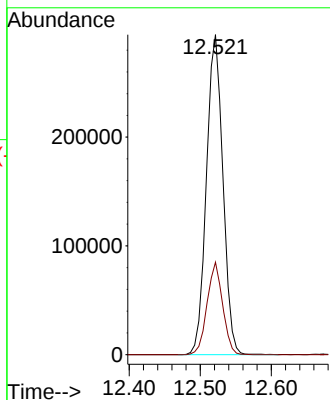
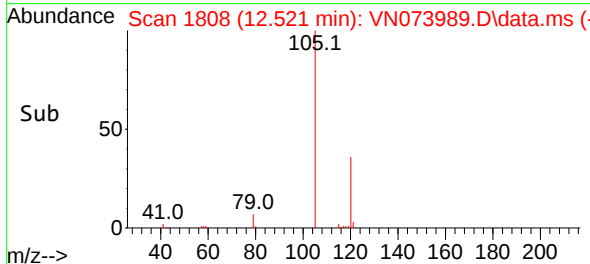
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion:105 Resp: 474384
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

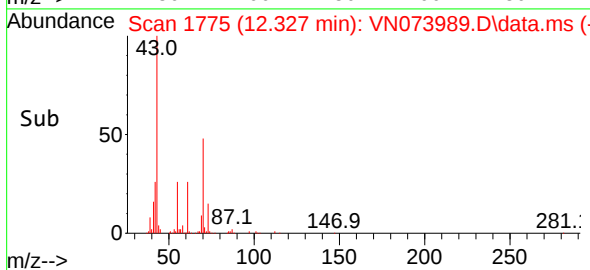
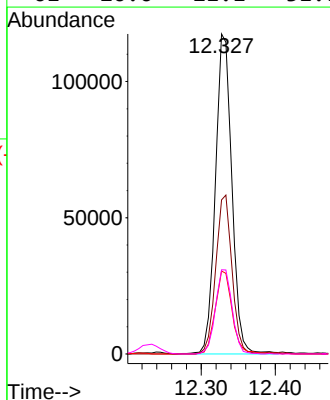
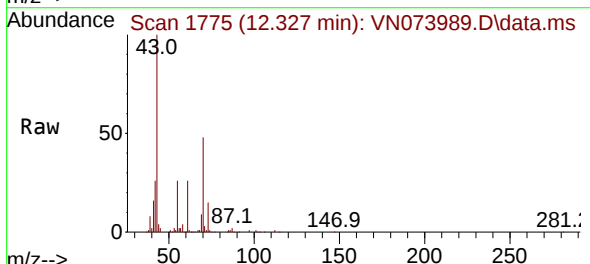
Manual Integrations
APPROVED

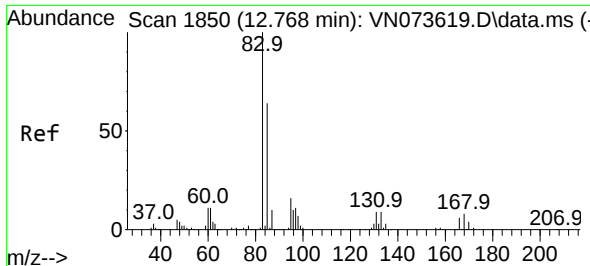
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#74
N-ethyl acetate
Concen: 17.907 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

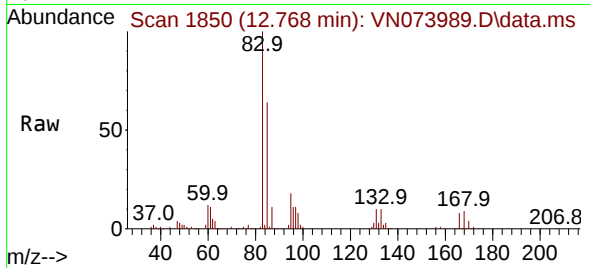
Tgt Ion: 43 Resp: 181014
Ion Ratio Lower Upper
43 100
70 48.9 39.0 58.4
55 26.7 21.1 31.7
61 26.6 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.149 ug/l
 RT: 12.768 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

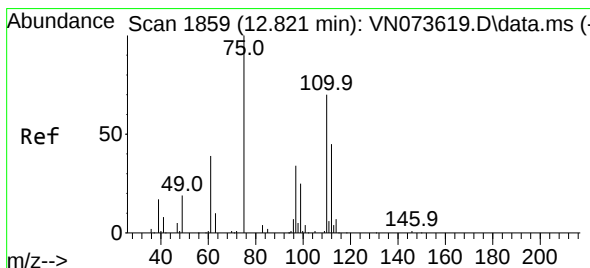
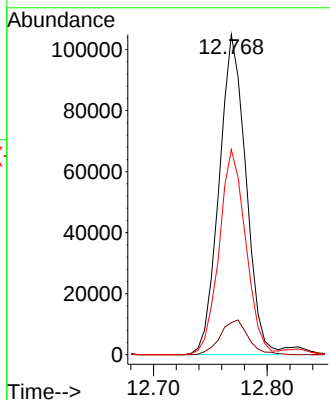
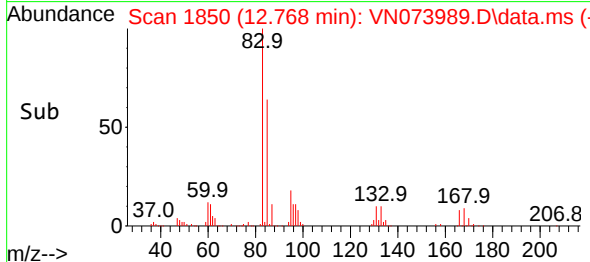
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS02



Tgt Ion: 83 Resp: 171830
 Ion Ratio Lower Upper
 83 100
 131 11.3 5.3 15.9
 85 63.9 32.3 96.9

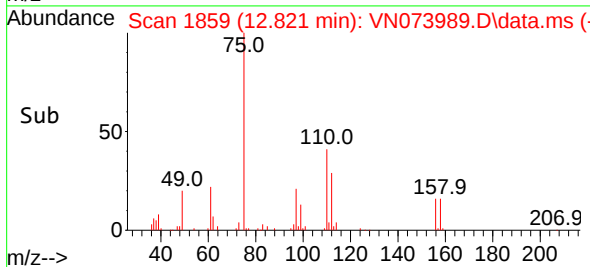
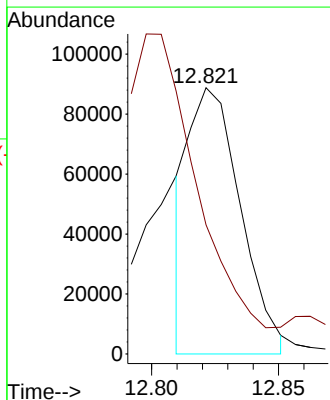
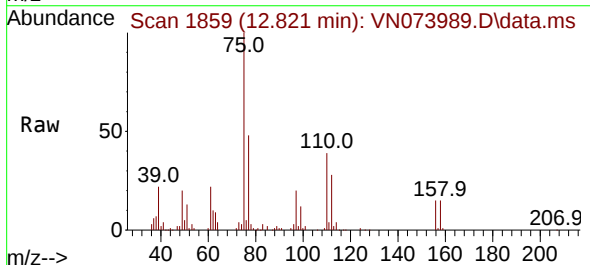
Manual Integrations
 APPROVED

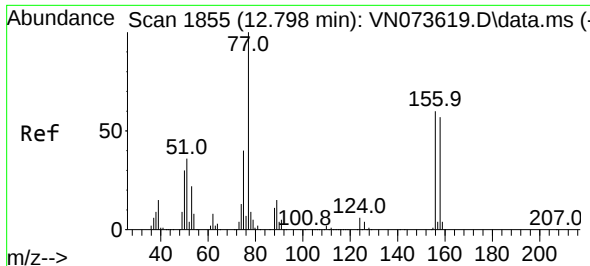
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022



#76
 1,2,3-Trichloropropane
 Concen: 16.572 ug/l m
 RT: 12.821 min Scan# 1859
 Delta R.T. 0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

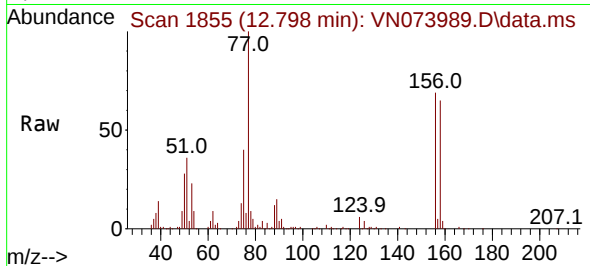
Tgt Ion: 75 Resp: 126486
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 17.366 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

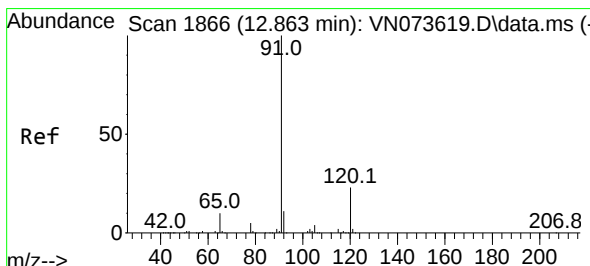
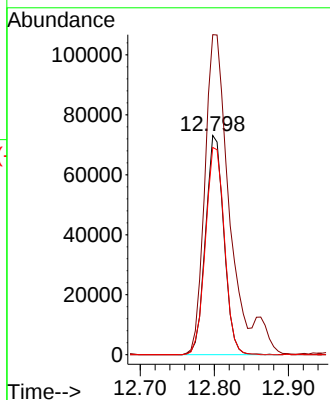
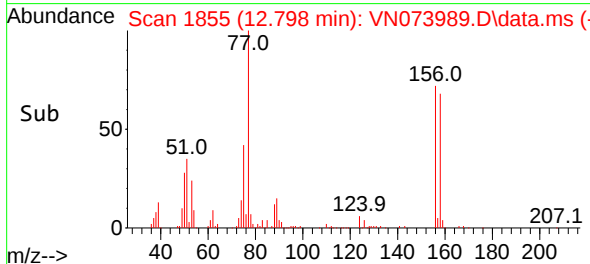
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



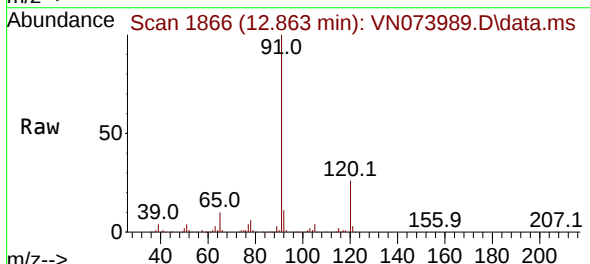
Tgt Ion:156 Resp: 125692
Ion Ratio Lower Upper
156 100
77 184.3 100.5 301.5
158 97.8 48.9 146.6

Manual Integrations
APPROVED

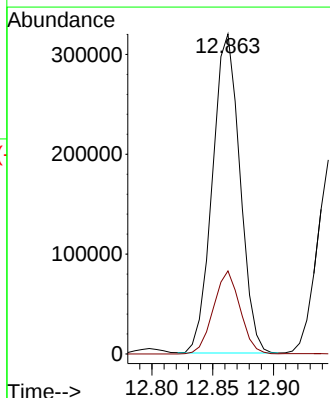
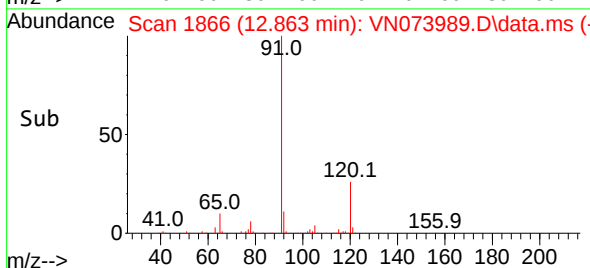
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

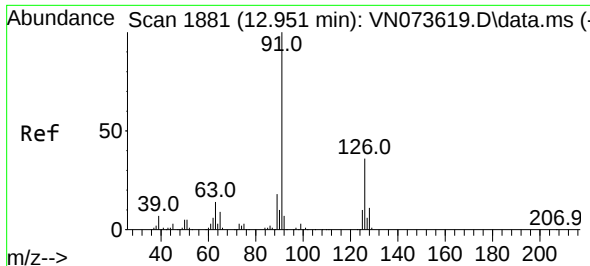


#78
n-propylbenzene
Concen: 17.624 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



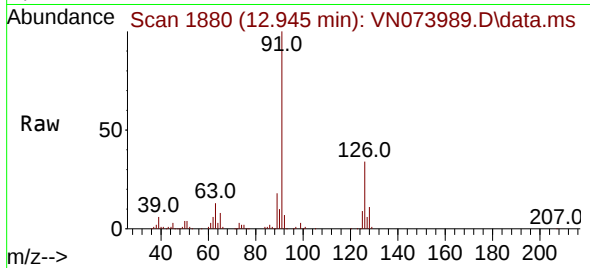
Tgt Ion: 91 Resp: 502343
Ion Ratio Lower Upper
91 100
120 25.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 18.040 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

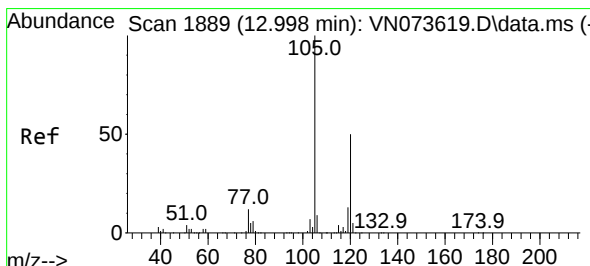
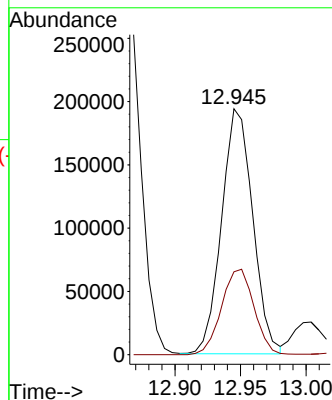
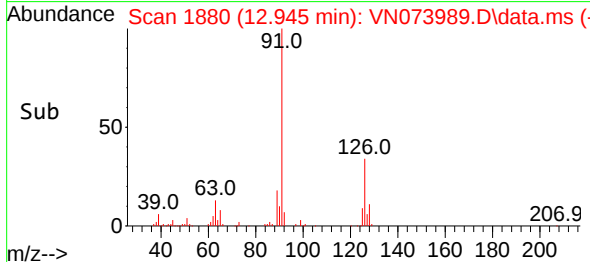
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



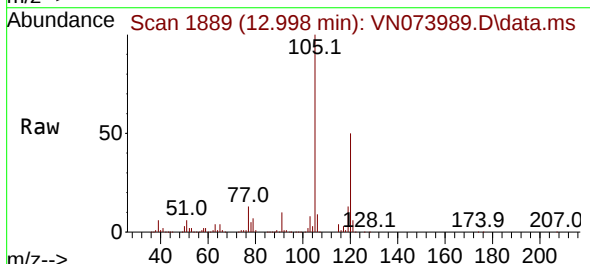
Tgt Ion: 91 Resp: 320439
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.9

Manual Integrations
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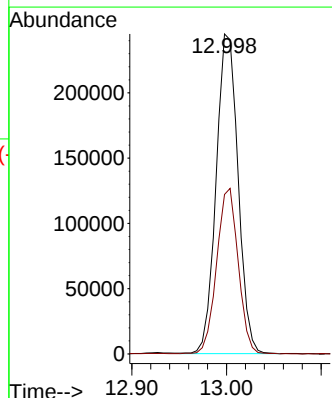
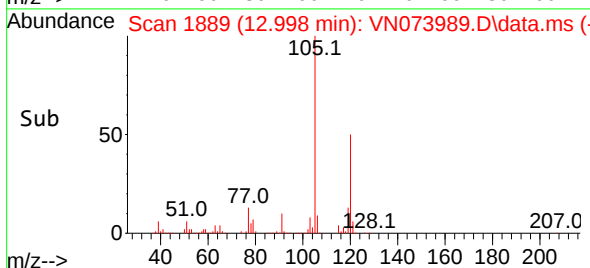
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

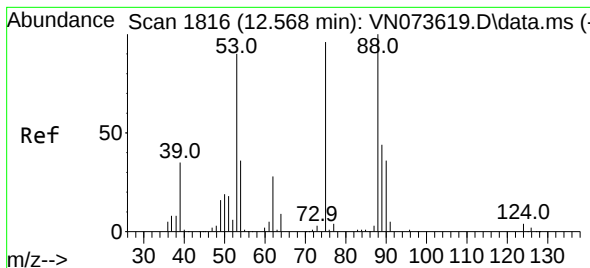


#80
1,3,5-Trimethylbenzene
Concen: 18.113 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



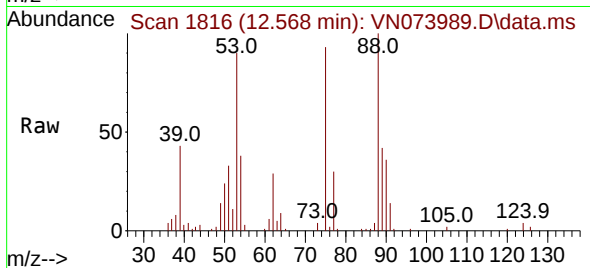
Tgt Ion:105 Resp: 393950
Ion Ratio Lower Upper
105 100
120 51.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.080 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

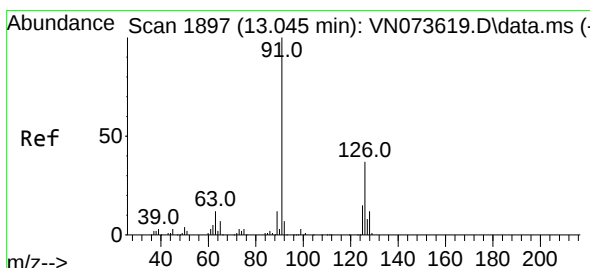
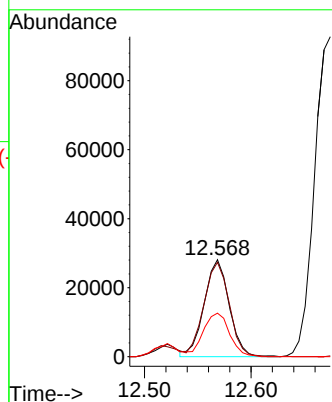
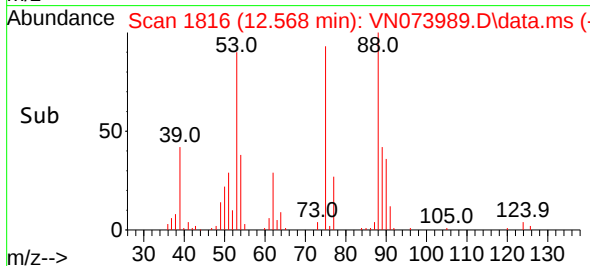
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion: 75 Resp: 45830
Ion Ratio Lower Upper
75 100
53 98.3 78.0 117.0
89 47.0 37.2 55.8

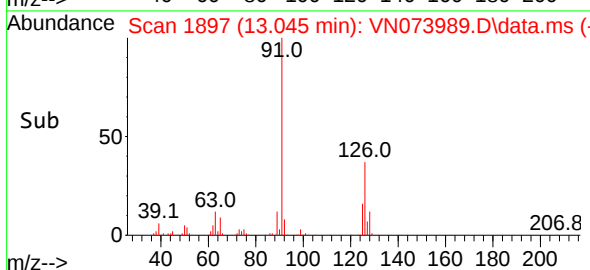
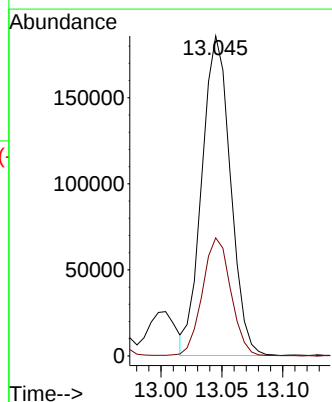
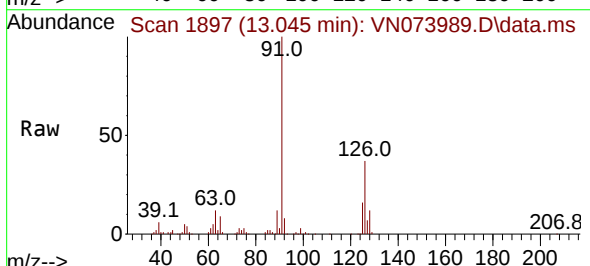
Manual Integrations
APPROVED

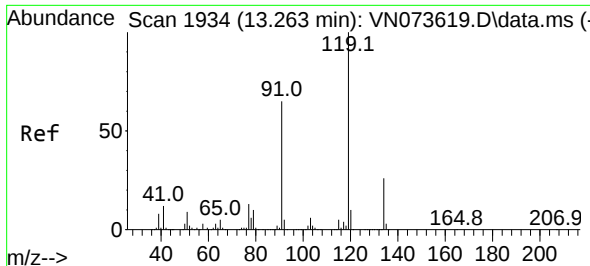
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#82
4-Chlorotoluene
Concen: 18.000 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

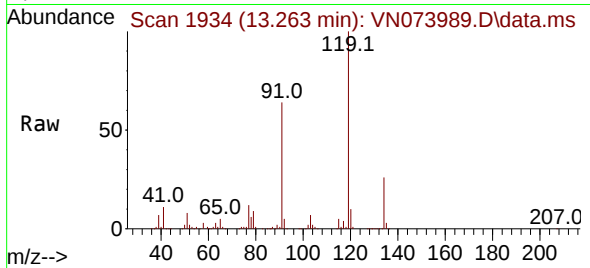
Tgt Ion: 91 Resp: 303669
Ion Ratio Lower Upper
91 100
126 36.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 17.551 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

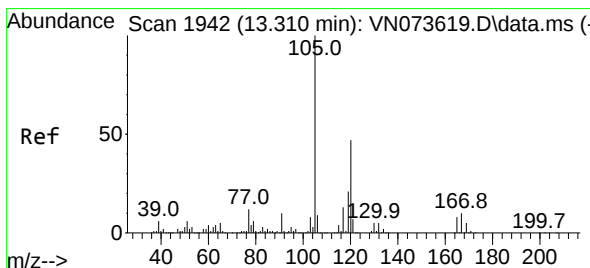
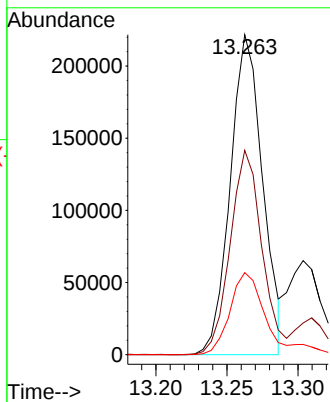
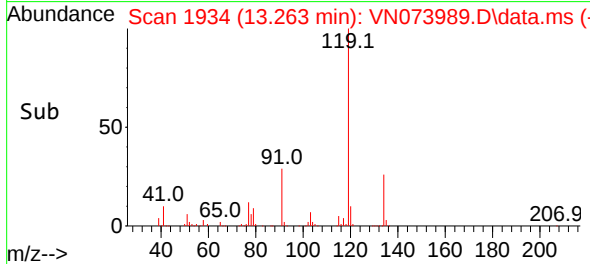
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



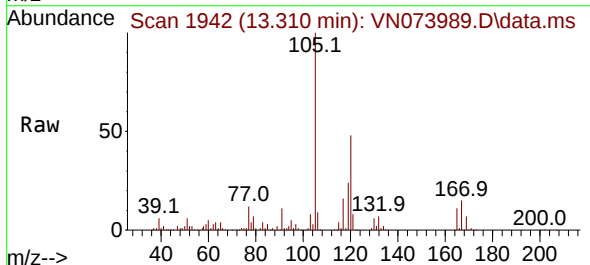
Tgt Ion:119 Resp: 35127
Ion Ratio Lower Upper
119 100
91 63.0 31.6 94.8
134 29.0 13.7 41.1

Manual Integrations
APPROVED

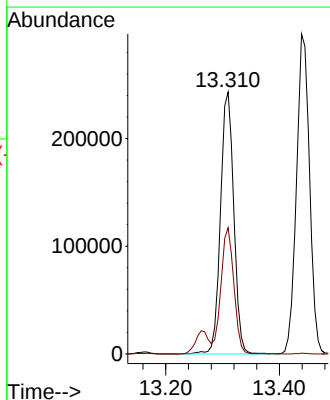
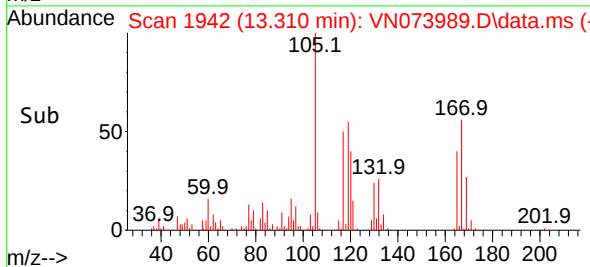
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

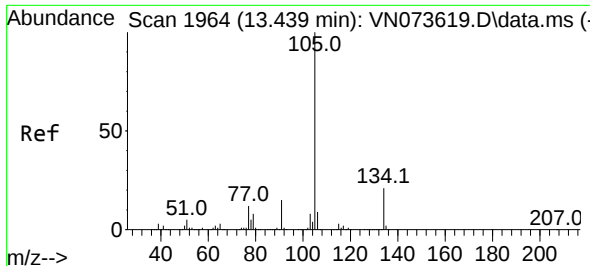


#84
1,2,4-Trimethylbenzene
Concen: 18.289 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



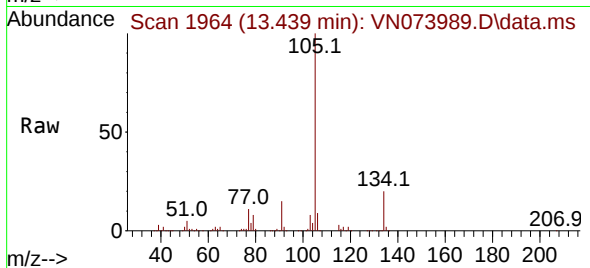
Tgt Ion:105 Resp: 397232
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 18.221 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27

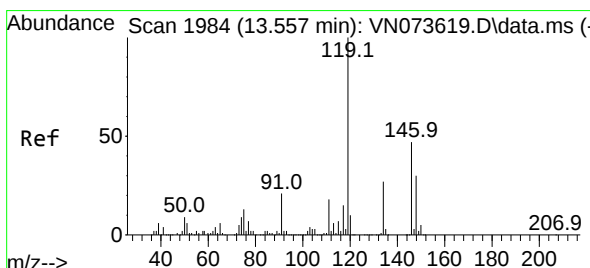
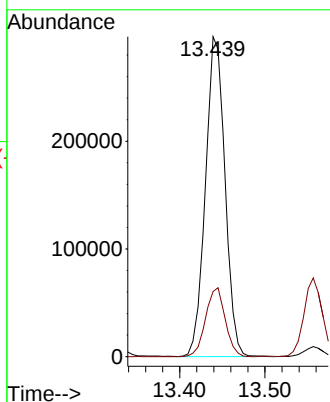
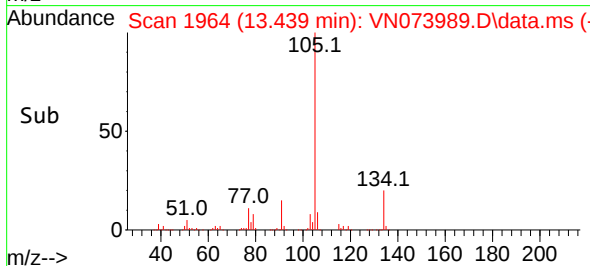
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBS02



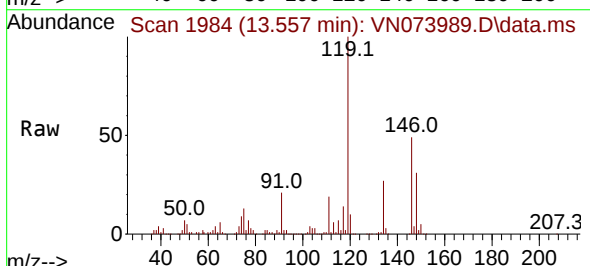
Tgt Ion:105 Resp: 47272
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.4 31.1

Manual Integrations
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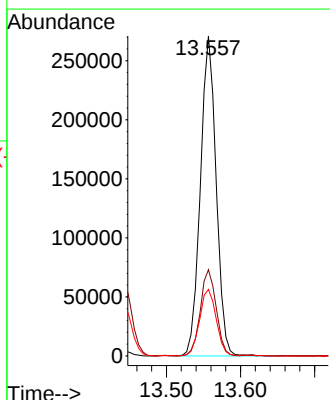
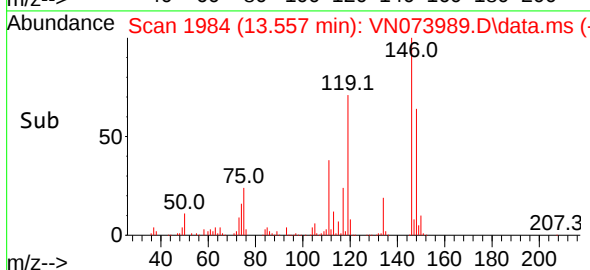
Reviewed By :John Carlone 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022

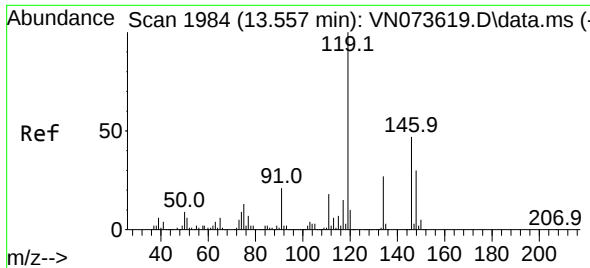


#86
 p-Isopropyltoluene
 Concen: 18.177 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073989.D
 Acq: 17 Aug 2022 20:27



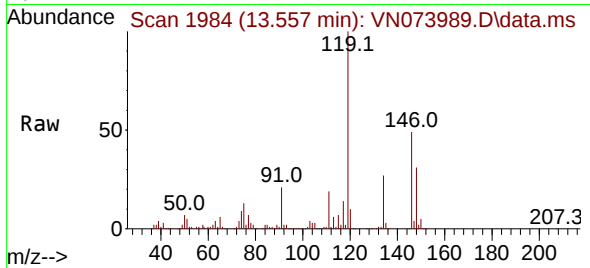
Tgt Ion:119 Resp: 401740
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 17.500 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

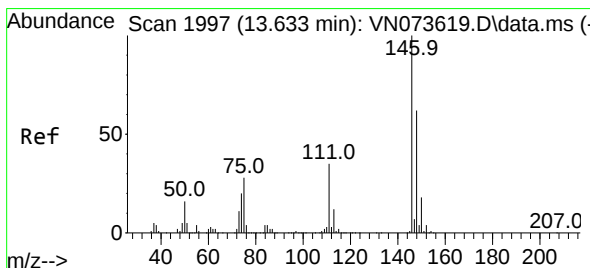
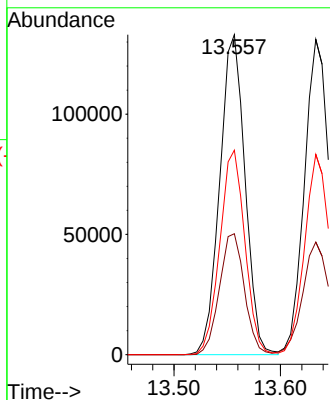
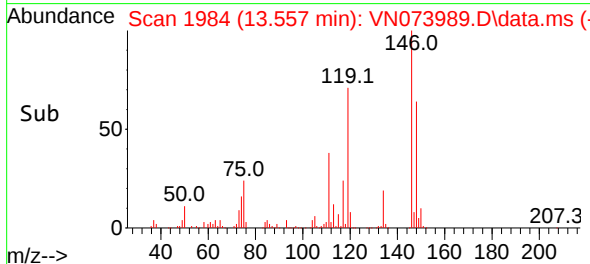
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



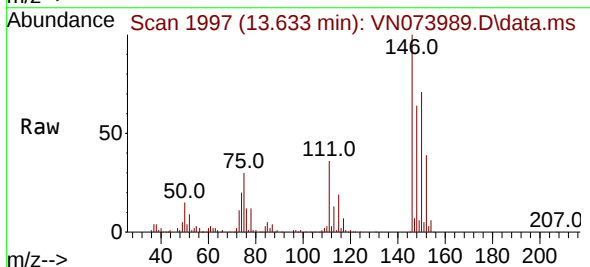
Tgt Ion:146 Resp: 219650
Ion Ratio Lower Upper
146 100
111 37.4 20.0 60.0
148 63.4 32.0 96.0

Manual Integrations
APPROVED

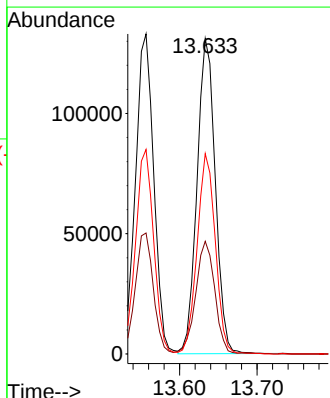
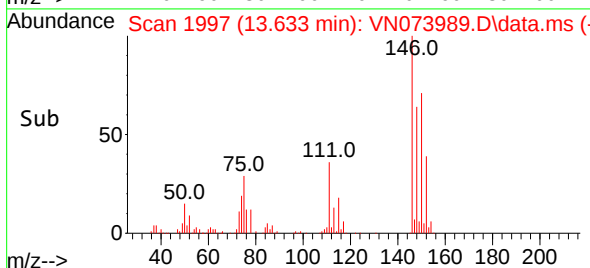
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

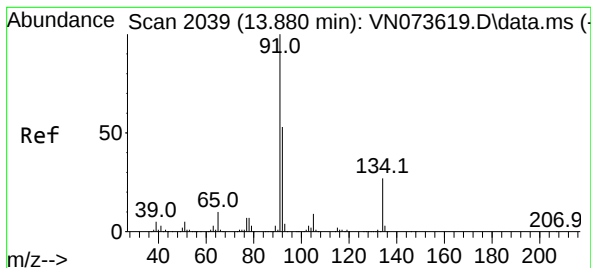


#88
1,4-Dichlorobenzene
Concen: 16.879 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



Tgt Ion:146 Resp: 214716
Ion Ratio Lower Upper
146 100
111 37.7 19.1 57.1
148 63.4 31.4 94.3





#89

n-Butylbenzene

Concen: 16.646 ug/l

RT: 13.886 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBS02

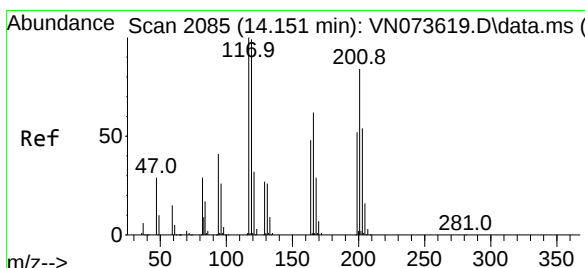
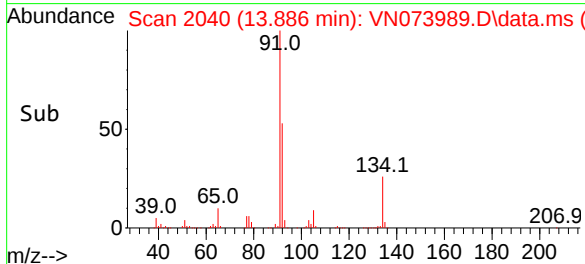
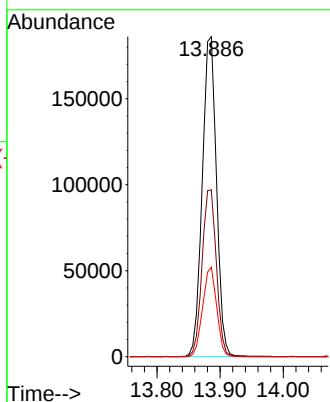
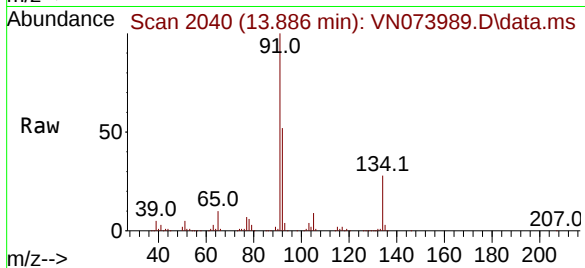
Tgt Ion:	91	Resp:	29141
Ion Ratio	Lower	Upper	
91	100		
92	52.4	26.9	80.7
134	27.4	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#90

Hexachloroethane

Concen: 17.599 ug/l

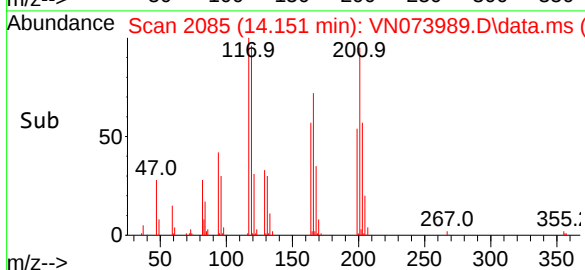
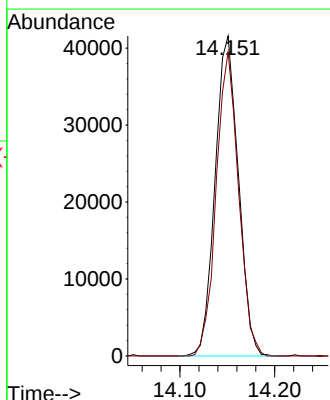
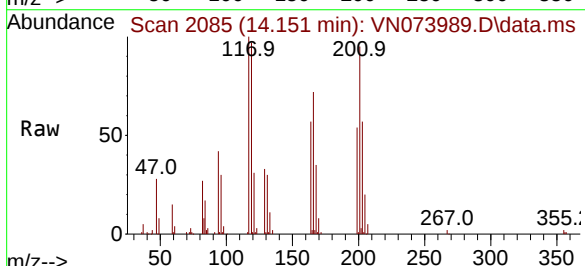
RT: 14.151 min Scan# 2085

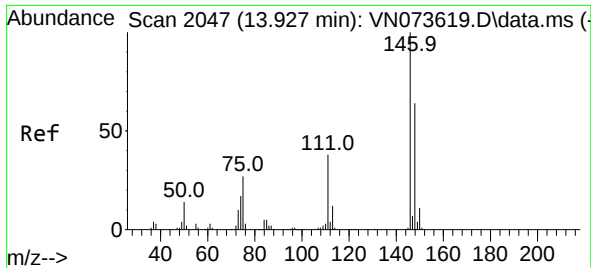
Delta R.T. -0.000 min

Lab File: VN073989.D

Acq: 17 Aug 2022 20:27

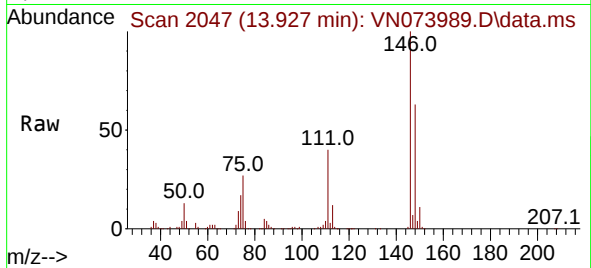
Tgt Ion:	117	Resp:	71100
Ion Ratio	Lower	Upper	
117	100		
201	91.2	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 17.406 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

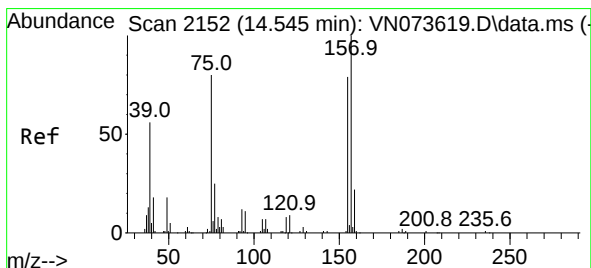
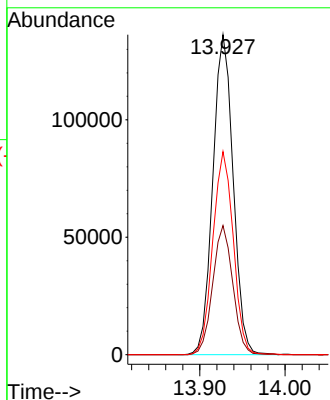
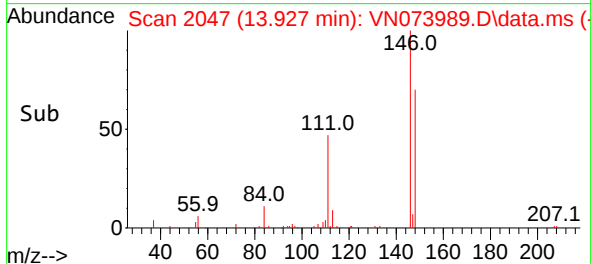
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion:146 Resp: 225619
Ion Ratio Lower Upper
146 100
111 39.9 20.9 62.8
148 64.0 32.1 96.3

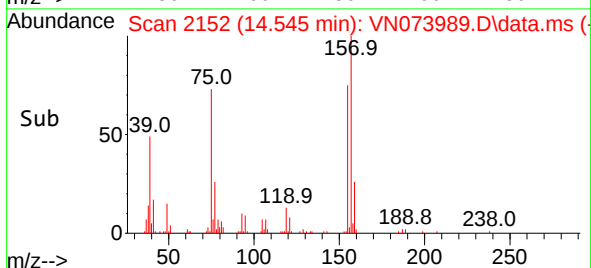
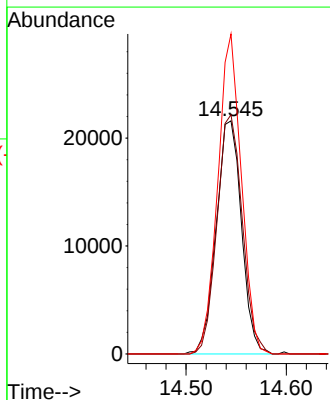
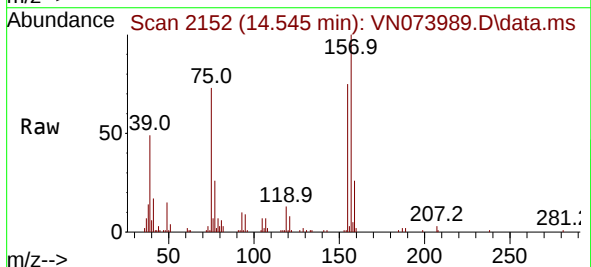
Manual Integrations
APPROVED

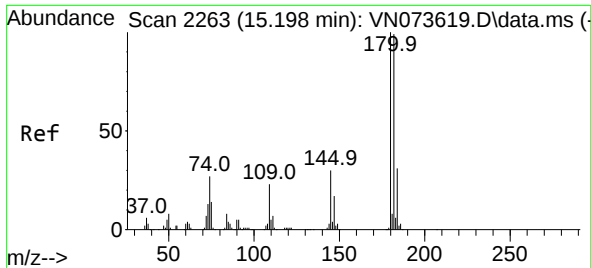
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.834 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

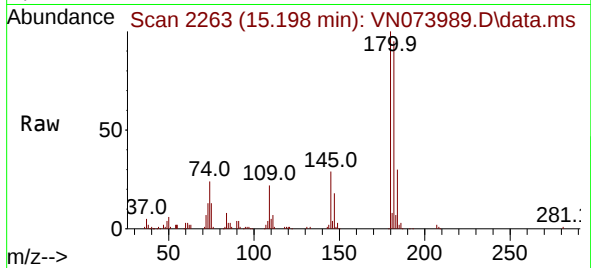
Tgt Ion: 75 Resp: 37784
Ion Ratio Lower Upper
75 100
155 102.7 44.9 134.5
157 127.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 16.485 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

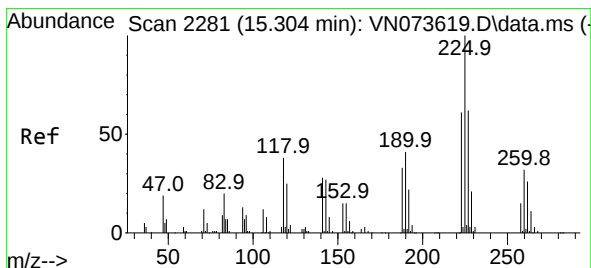
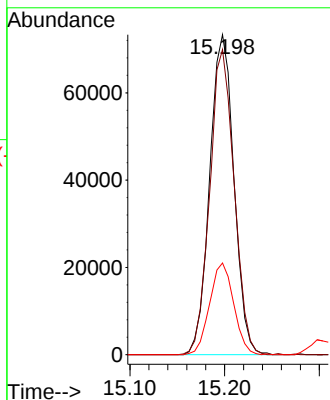
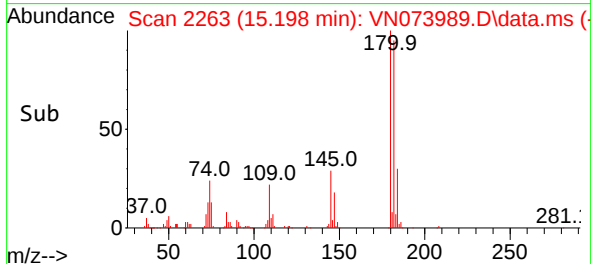
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



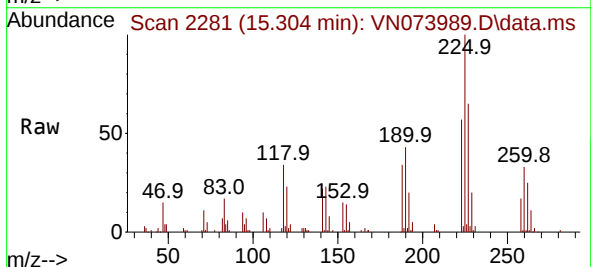
Tgt Ion:180 Resp: 130049
Ion Ratio Lower Upper
180 100
182 96.1 47.5 142.5
145 28.5 14.5 43.5

Manual Integrations
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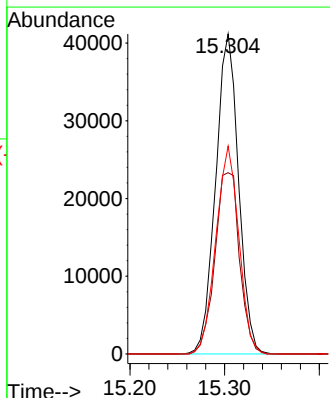
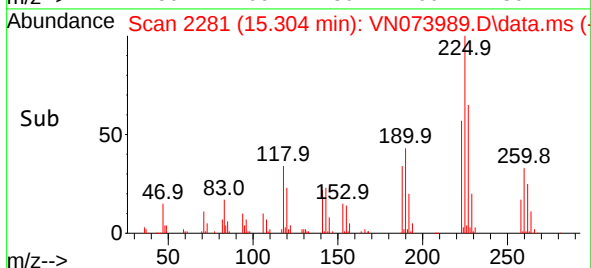
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

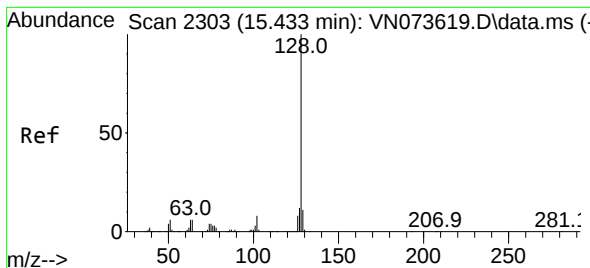


#94
Hexachlorobutadiene
Concen: 16.650 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27



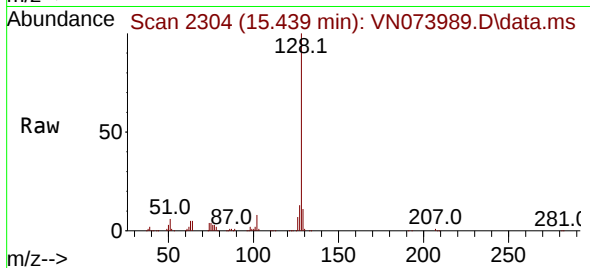
Tgt Ion:225 Resp: 69241
Ion Ratio Lower Upper
225 100
223 61.0 32.4 97.2
227 65.0 31.8 95.4





#95
Naphthalene
Concen: 17.762 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

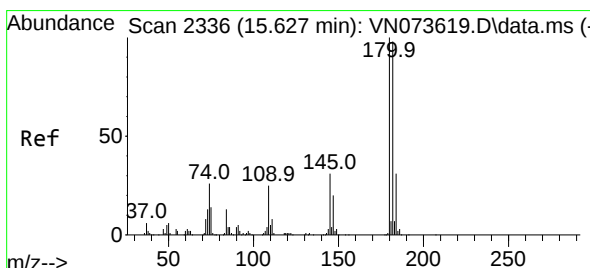
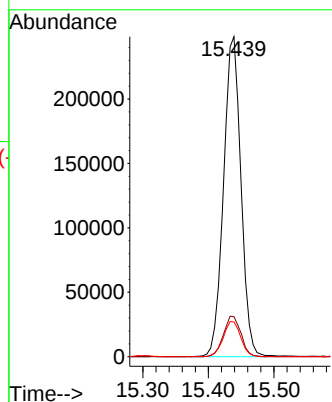
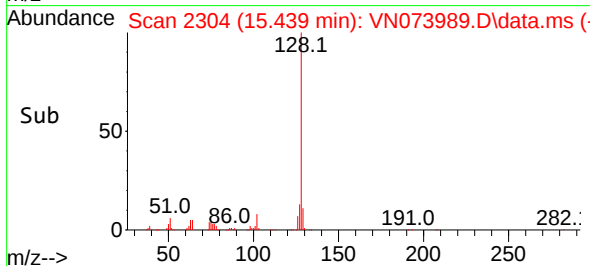
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBS02



Tgt Ion:128 Resp: 456811
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.279 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073989.D
Acq: 17 Aug 2022 20:27

Tgt Ion:180 Resp: 140895
Ion Ratio Lower Upper
180 100
182 95.0 47.8 143.3
145 30.2 15.5 46.5

