

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073942.D
 Acq On : 16 Aug 2022 12:30
 Operator : JC\MD
 Sample : VN0816WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/17/2022
 Supervised By : Mahesh Dadoda 08/17/2022

Quant Time: Aug 17 01:10:58 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	538457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	784569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	707179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	354350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	297929	56.807	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.620%			
35) Dibromofluoromethane	7.951	113	260008	56.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.080%			
50) Toluene-d8	10.380	98	971713	54.075	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.140%			
62) 4-Bromofluorobenzene	12.669	95	327786	54.962	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	83064	19.455	ug/l	97
3) Chloromethane	2.269	50	91845	19.345	ug/l	95
4) Vinyl Chloride	2.405	62	113387	18.603	ug/l	99
5) Bromomethane	2.810	94	75408	19.812	ug/l	97
6) Chloroethane	2.969	64	77421	17.980	ug/l	96
7) Trichlorofluoromethane	3.316	101	150885	19.190	ug/l	98
8) Diethyl Ether	3.763	74	56867	19.484	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	88297	19.332	ug/l	92
10) Methyl Iodide	4.351	142	98742	18.007	ug/l	97
11) Tert butyl alcohol	5.281	59	118153	100.717	ug/l	99
12) 1,1-Dichloroethene	4.116	96	79623	18.736	ug/l	92
13) Acrolein	3.975	56	103455	125.990	ug/l	99
14) Allyl chloride	4.763	41	121711	19.338	ug/l	99
15) Acrylonitrile	5.469	53	289072	100.930	ug/l	99
16) Acetone	4.222	43	245510	99.224	ug/l	99
17) Carbon Disulfide	4.457	76	183843	18.194	ug/l	99
18) Methyl Acetate	4.781	43	142186	21.545	ug/l	98
19) Methyl tert-butyl Ether	5.528	73	305995	19.992	ug/l	98
20) Methylene Chloride	5.010	84	98930	18.948	ug/l	93
21) trans-1,2-Dichloroethene	5.510	96	88044	18.805	ug/l	96
22) Diisopropyl ether	6.410	45	272473	20.418	ug/l	95
23) Vinyl Acetate	6.345	43	1175761	102.816	ug/l	100
24) 1,1-Dichloroethane	6.304	63	161510	19.444	ug/l	97
25) 2-Butanone	7.257	43	393155	100.211	ug/l	98
26) 2,2-Dichloropropane	7.251	77	139617	17.890	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	109368	18.933	ug/l	95
28) Bromochloromethane	7.581	49	63755	20.810	ug/l	87
29) Tetrahydrofuran	7.610	42	259950	103.290	ug/l	96
30) Chloroform	7.745	83	177792	19.142	ug/l	96
31) Cyclohexane	8.022	56	139574	19.091	ug/l #	93
32) 1,1,1-Trichloroethane	7.939	97	158130	19.198	ug/l	98
36) 1,1-Dichloropropene	8.151	75	123795	19.209	ug/l	99
37) Ethyl Acetate	7.340	43	157105	20.122	ug/l	99
38) Carbon Tetrachloride	8.134	117	136988	18.596	ug/l	98
39) Methylcyclohexane	9.392	83	154133	19.087	ug/l	95
40) Benzene	8.386	78	391795	19.262	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	76760	21.755	ug/l #	91
42) 1,2-Dichloroethane	8.463	62	141541	20.238	ug/l	98
43) Isopropyl Acetate	8.492	43	221438	19.909	ug/l	96
44) Trichloroethene	9.151	130	108711	18.505	ug/l	99
45) 1,2-Dichloropropane	9.428	63	96706	19.836	ug/l	97
46) Dibromomethane	9.510	93	74580	20.121	ug/l	93
47) Bromodichloromethane	9.698	83	138945	19.612	ug/l	97
48) Methyl methacrylate	9.498	41	97425	20.471	ug/l	88
49) 1,4-Dioxane	9.498	88	57012	402.832	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	770329	102.438	ug/l	99
52) Toluene	10.445	92	257150	18.437	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	144469	19.433	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	159820	19.649	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	107887	19.885	ug/l	99
56) Ethyl methacrylate	10.698	69	161097	20.818	ug/l	96
57) 1,3-Dichloropropane	10.986	76	178477	20.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	389266	107.784	ug/l	96
59) 2-Hexanone	11.028	43	598946	103.491	ug/l	100
60) Dibromochloromethane	11.175	129	117410	19.569	ug/l	100
61) 1,2-Dibromoethane	11.286	107	114432	19.719	ug/l	99
64) Tetrachloroethene	10.916	164	101642	18.210	ug/l	94
65) Chlorobenzene	11.710	112	282344	18.786	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	109725	19.280	ug/l	98
67) Ethyl Benzene	11.786	91	474824	18.997	ug/l	99
68) m/p-Xylenes	11.892	106	384034	37.816	ug/l	97
69) o-Xylene	12.222	106	187952	18.456	ug/l	98
70) Styrene	12.233	104	302666	18.983	ug/l	98
71) Bromoform	12.398	173	92116	18.129	ug/l #	100
73) Isopropylbenzene	12.522	105	485496	18.816	ug/l	98
74) N-amyl acetate	12.327	43	181709	18.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	168748	19.489	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	143658m	19.505	ug/l	
77) Bromobenzene	12.804	156	129814	18.587	ug/l	92
78) n-propylbenzene	12.863	91	526442	19.140	ug/l	98
79) 2-Chlorotoluene	12.945	91	329454	19.221	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	407229	19.403	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	48572	18.757	ug/l	99
82) 4-Chlorotoluene	13.045	91	310641	19.082	ug/l	95
83) tert-Butylbenzene	13.263	119	364436	18.870	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	408354	19.484	ug/l	100
85) sec-Butylbenzene	13.439	105	497556	19.875	ug/l	99
86) p-Isopropyltoluene	13.557	119	425168	19.935	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	228606	18.874	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	230478	18.777	ug/l	97
89) n-Butylbenzene	13.880	91	317567	18.799	ug/l	99
90) Hexachloroethane	14.151	117	71065	18.229	ug/l	89
91) 1,2-Dichlorobenzene	13.927	146	237752	19.009	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	36095	17.655	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	144290	18.955	ug/l	98
94) Hexachlorobutadiene	15.304	225	76487	19.061	ug/l	98
95) Naphthalene	15.433	128	477306	19.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	153519	19.511	ug/l	98

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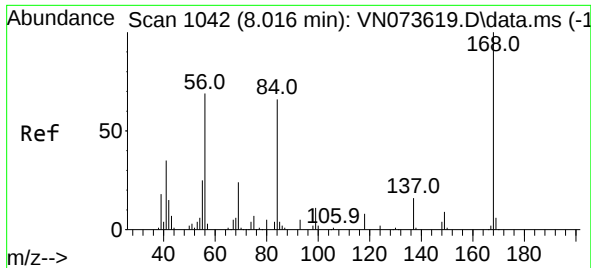
Manual Integrations
APPROVED

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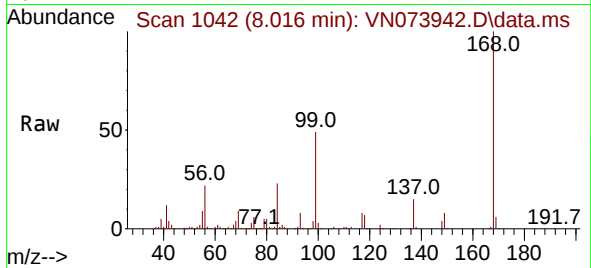
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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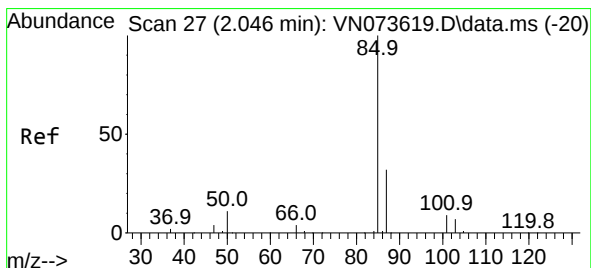
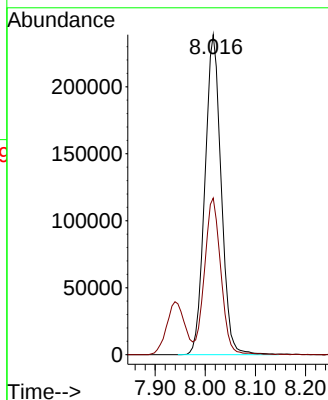
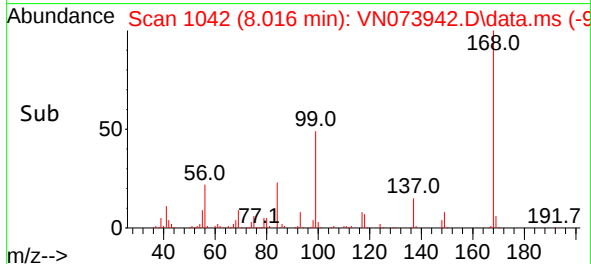
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 53845
Ion Ratio Lower Upper
168 100
99 48.8 42.3 63.5

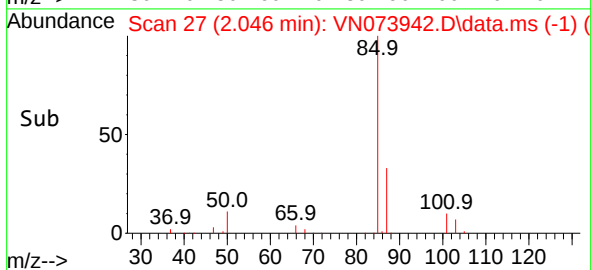
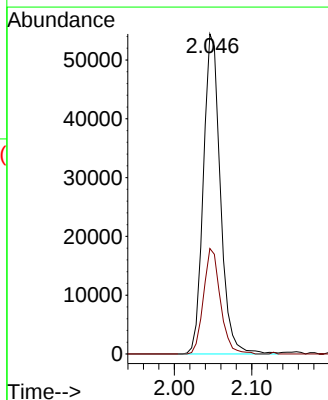
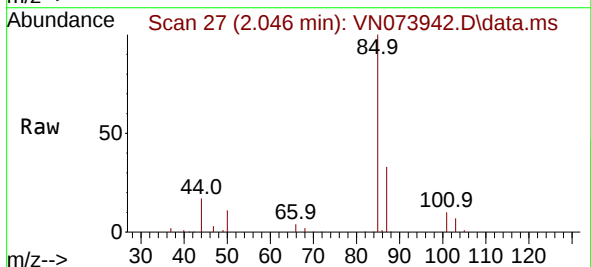
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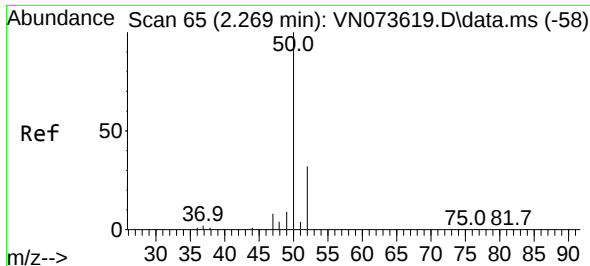
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#2
Dichlorodifluoromethane
Concen: 19.455 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

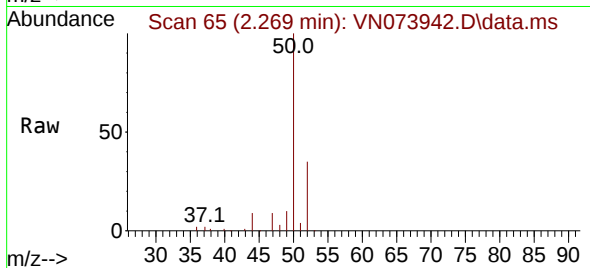
Tgt Ion: 85 Resp: 83064
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1





#3
Chloromethane
Concen: 19.345 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

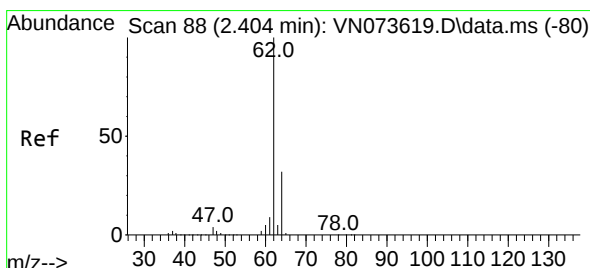
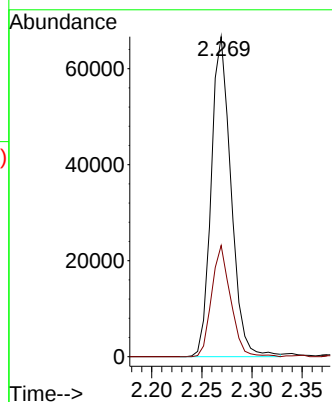
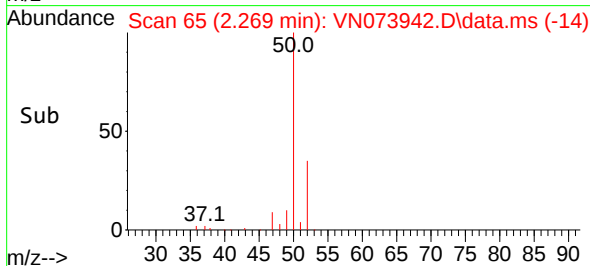
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Tgt Ion: 50 Resp: 91845
Ion Ratio Lower Upper
50 100
52 34.7 25.7 38.5

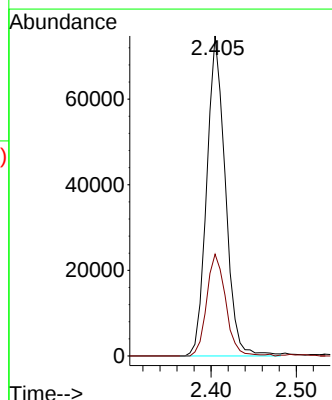
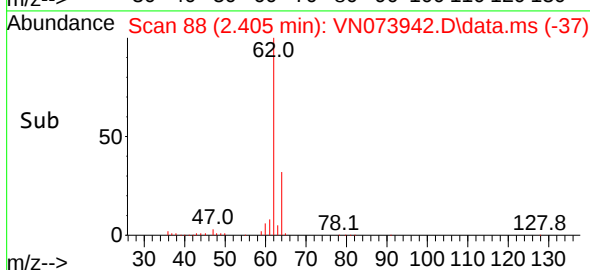
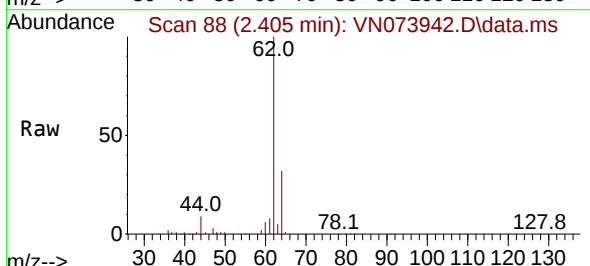
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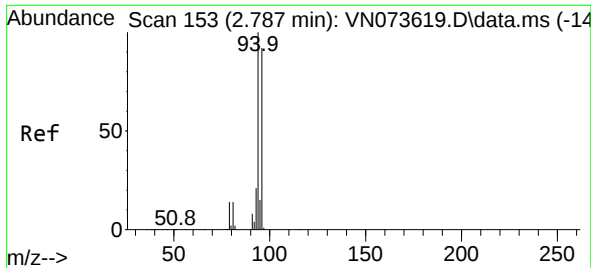
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#4
Vinyl Chloride
Concen: 18.603 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.001 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

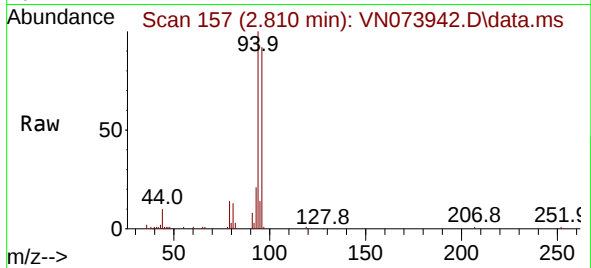
Tgt Ion: 62 Resp: 113387
Ion Ratio Lower Upper
62 100
64 31.8 25.0 37.4





#5
Bromomethane
Concen: 19.812 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

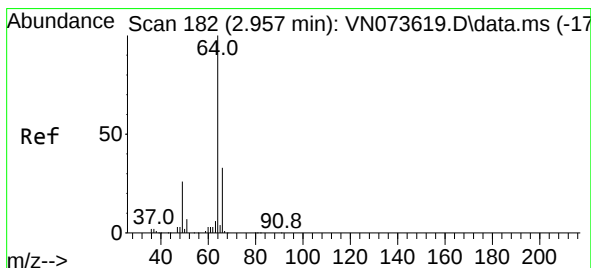
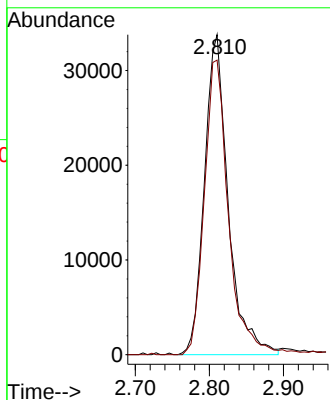
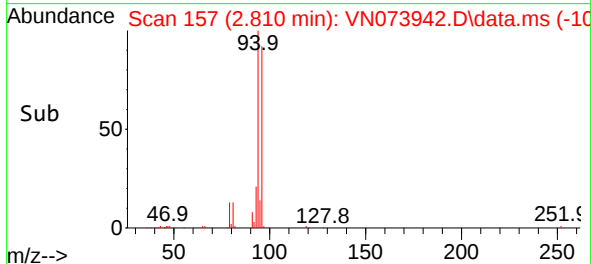
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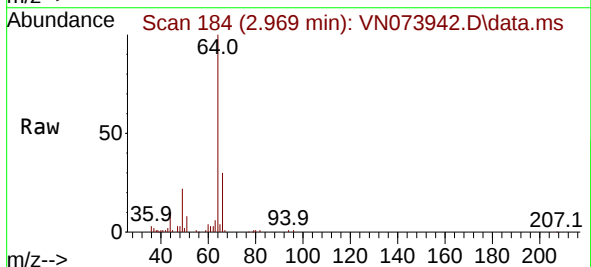
Tgt Ion: 94 Resp: 75408
Ion Ratio Lower Upper
94 100
96 92.1 76.0 114.0

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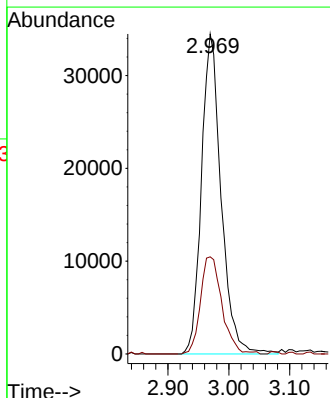
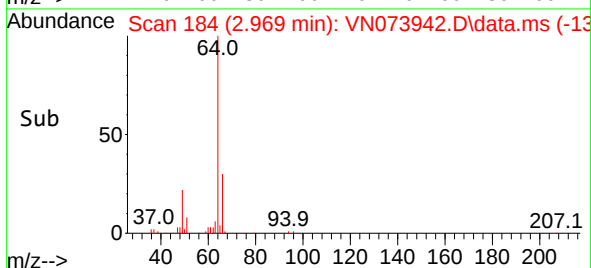
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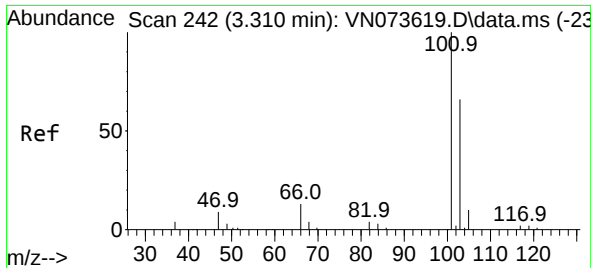


#6
Chloroethane
Concen: 17.980 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN073942.D
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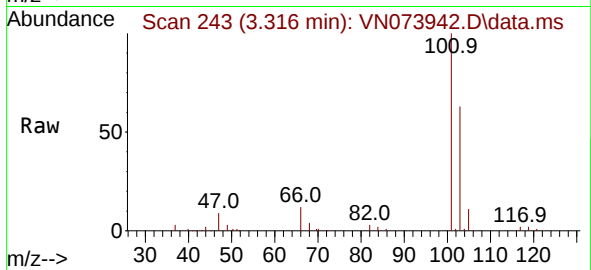
Tgt Ion: 64 Resp: 77421
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 19.190 ug/l
RT: 3.316 min Scan# 242
Delta R.T. 0.006 min
Lab File: VN073942.D
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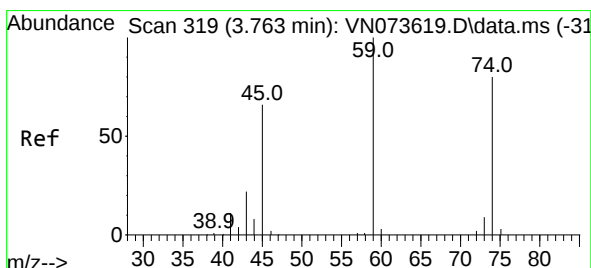
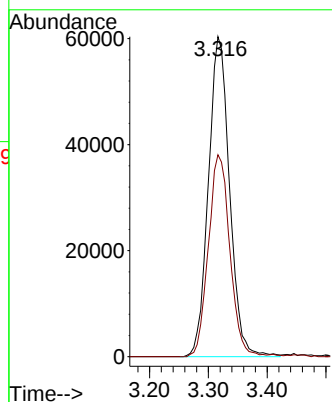
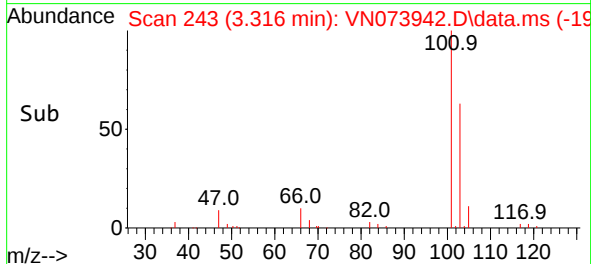
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Tgt Ion:101 Resp: 150885
Ion Ratio Lower Upper
101 100
103 63.1 51.5 77.3

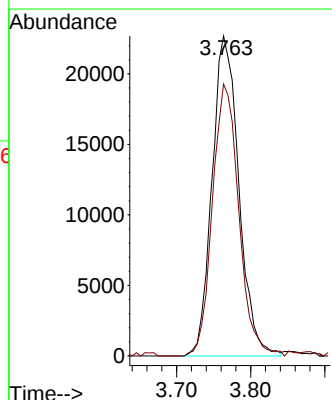
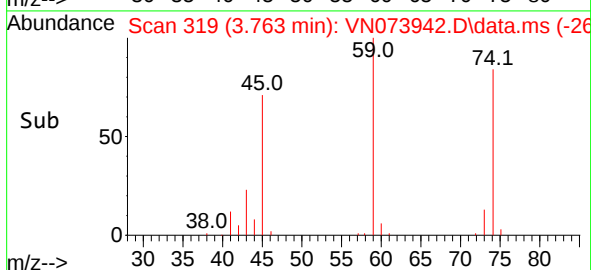
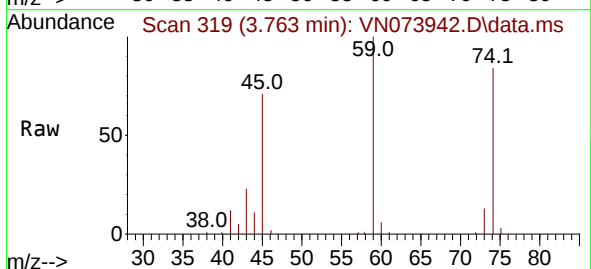
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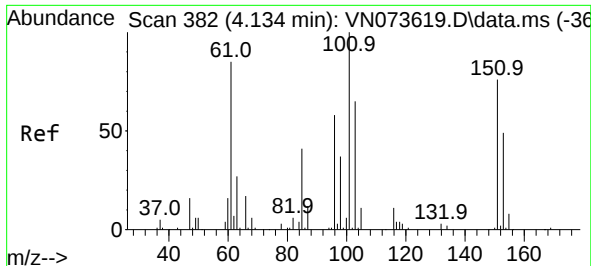
Reviewed By :John Carlone 08/17/2022
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#8
Diethyl Ether
Concen: 19.484 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073942.D
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Tgt Ion: 74 Resp: 56867
Ion Ratio Lower Upper
74 100
45 83.7 42.9 128.5





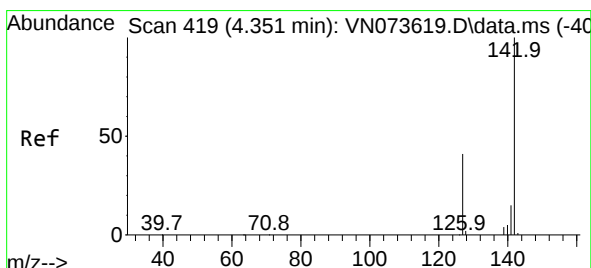
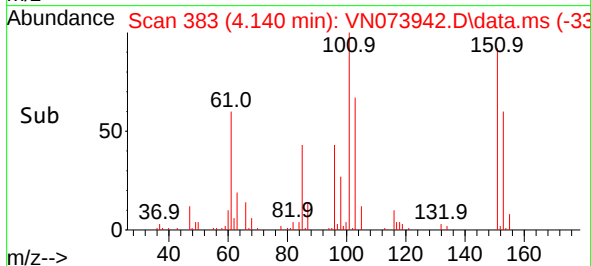
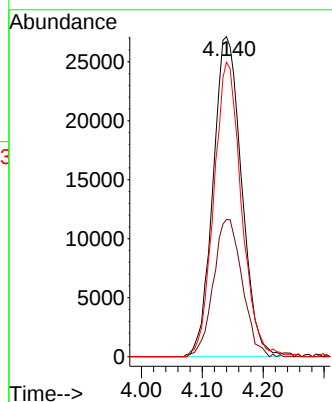
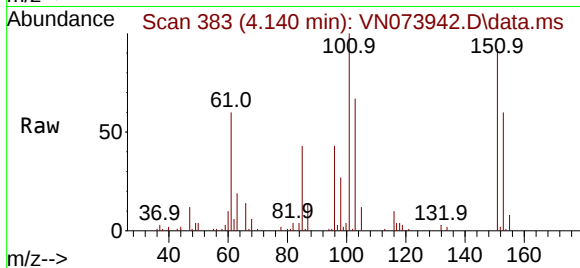
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.332 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion:101 Resp: 8829
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 89.2 63.0 94.4

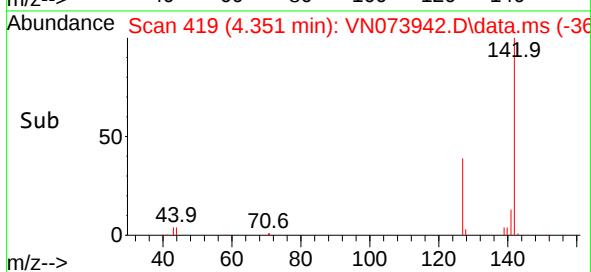
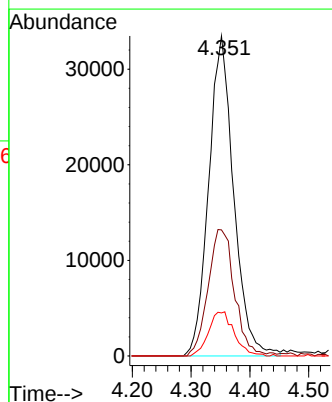
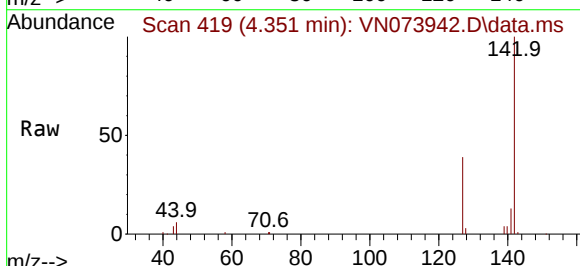
Manual Integrations
APPROVED

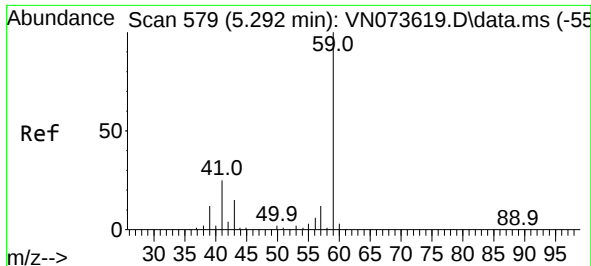
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#10
Methyl Iodide
Concen: 18.007 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion:142 Resp: 98742
Ion Ratio Lower Upper
142 100
127 41.6 31.3 46.9
141 14.2 11.2 16.8





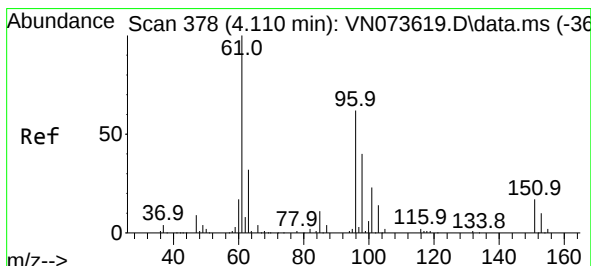
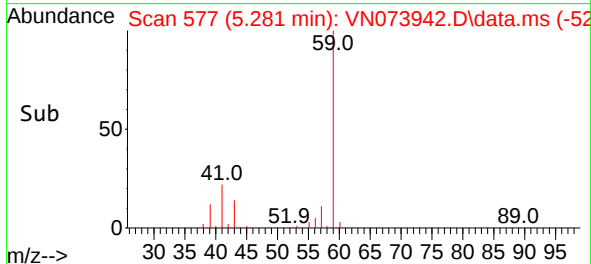
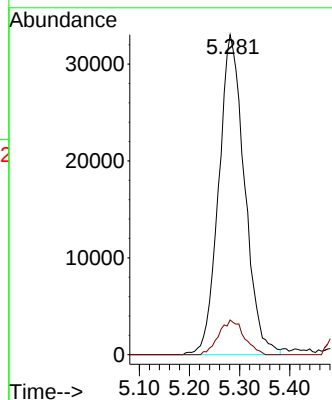
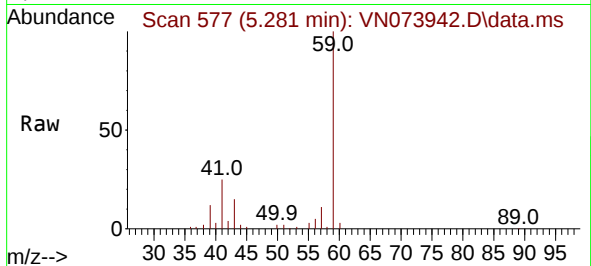
#11
Tert butyl alcohol
Concen: 100.717 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.011 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 59 Resp: 11815
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

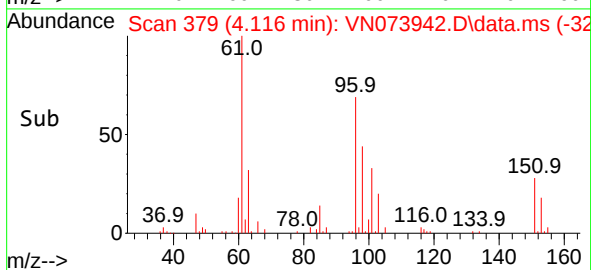
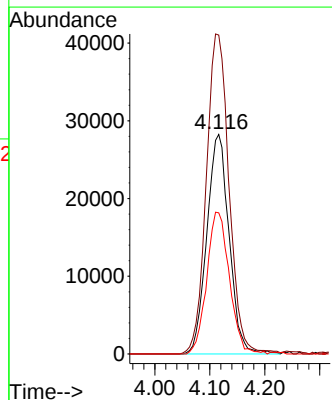
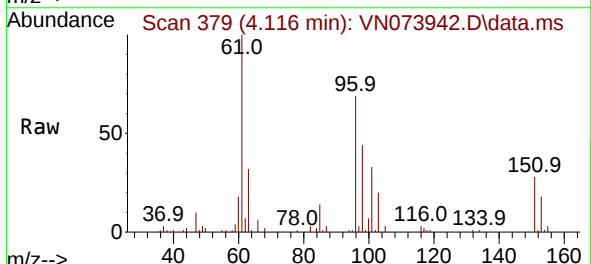
Manual Integrations
APPROVED

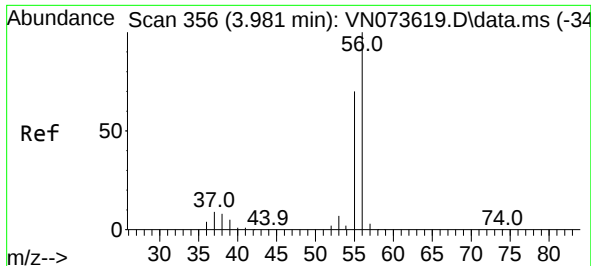
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#12
1,1-Dichloroethene
Concen: 18.736 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

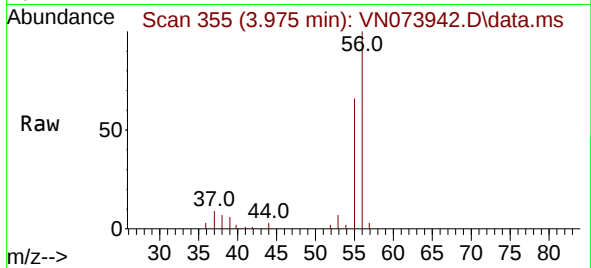
Tgt Ion: 96 Resp: 79623
Ion Ratio Lower Upper
96 100
61 145.3 127.6 191.4
98 64.3 51.2 76.8





#13
Acrolein
Concen: 125.990 ug/l
RT: 3.975 min Scan# 356
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

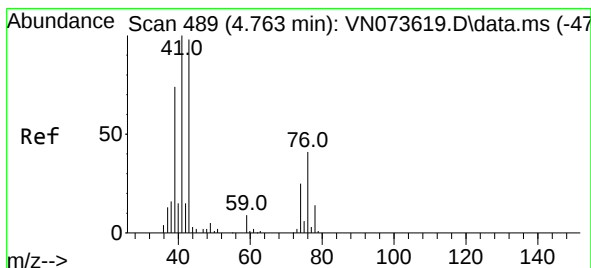
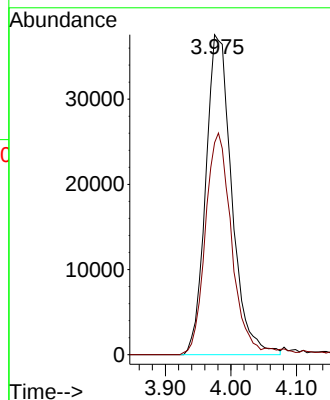
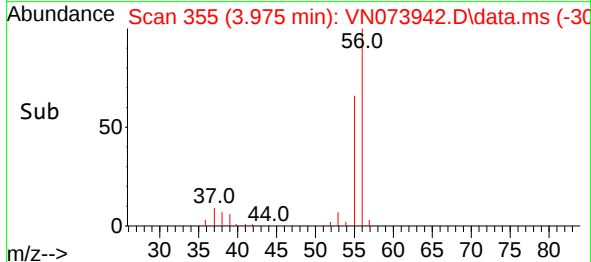
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 56 Resp: 103458
Ion Ratio Lower Upper
56 100
55 69.2 54.8 82.2

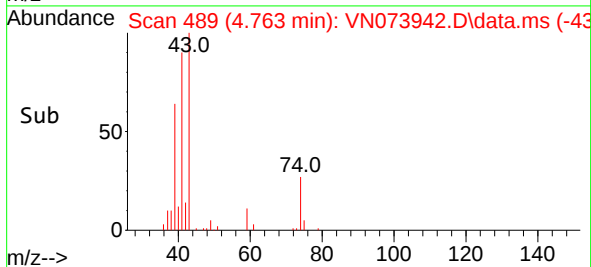
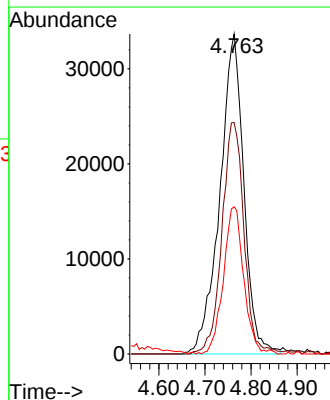
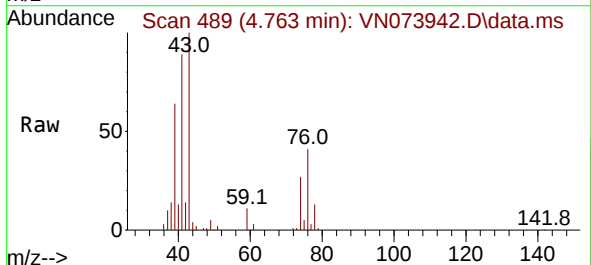
Manual Integrations
APPROVED

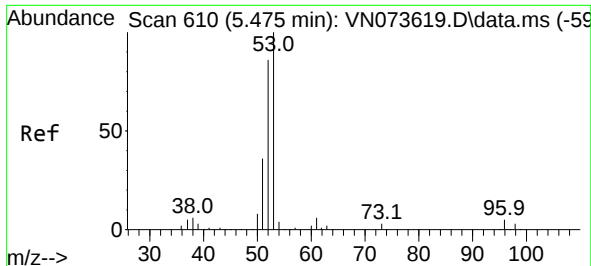
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#14
Allyl chloride
Concen: 19.338 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

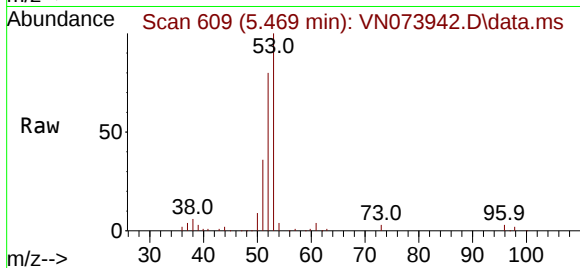
Tgt Ion: 41 Resp: 121711
Ion Ratio Lower Upper
41 100
39 66.3 53.2 79.8
76 38.8 29.9 44.9





#15
Acrylonitrile
Concen: 100.930 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

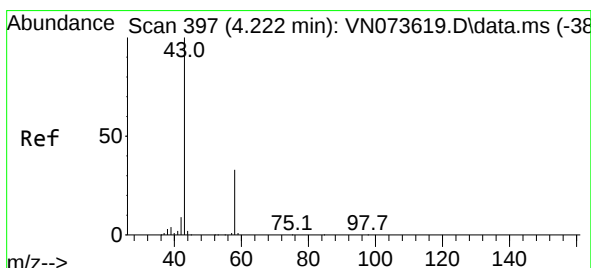
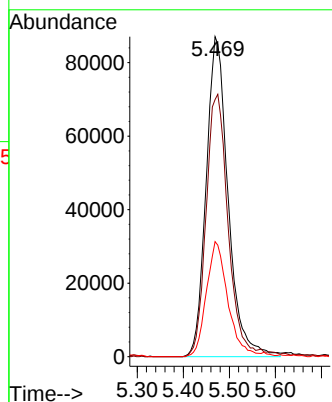
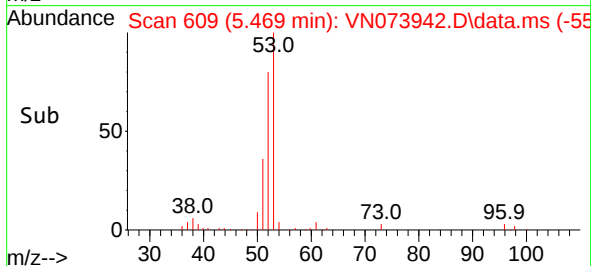
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



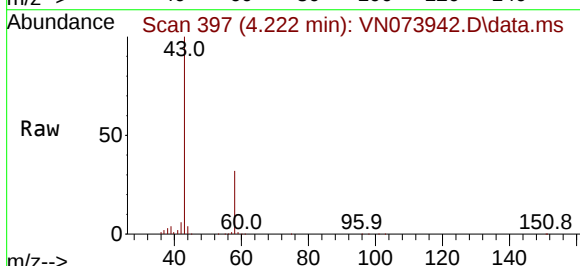
Tgt Ion: 53 Resp: 289072
Ion Ratio Lower Upper
53 100
52 82.0 66.4 99.6
51 35.2 28.5 42.7

Manual Integrations
APPROVED

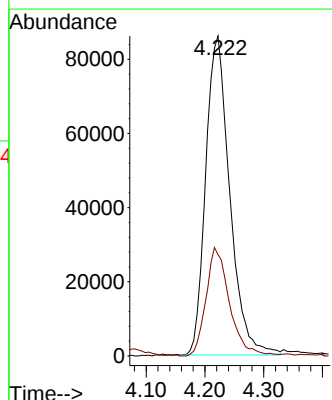
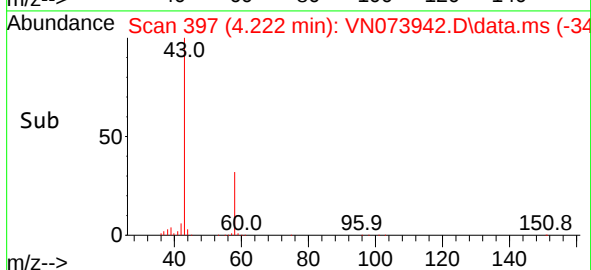
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

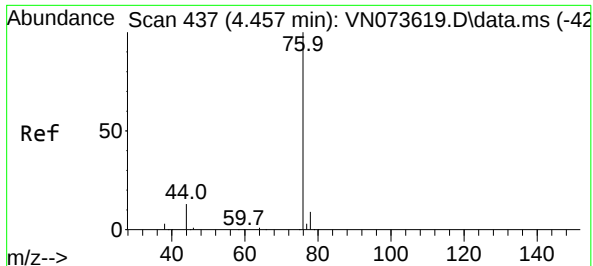


#16
Acetone
Concen: 99.224 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



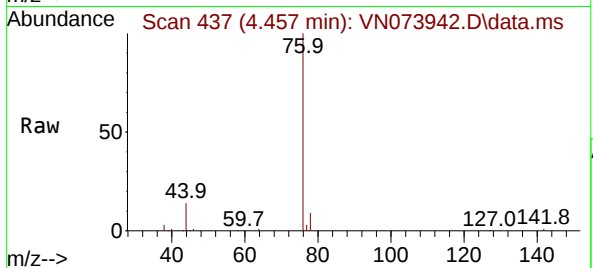
Tgt Ion: 43 Resp: 245510
Ion Ratio Lower Upper
43 100
58 31.8 26.0 39.0





#17
Carbon Disulfide
Concen: 18.194 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

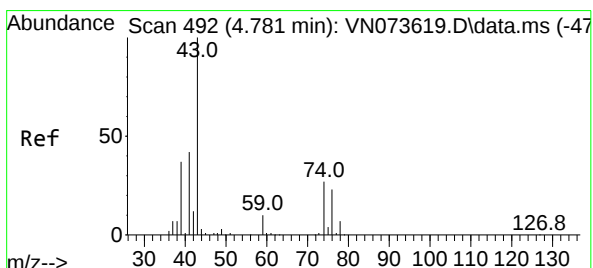
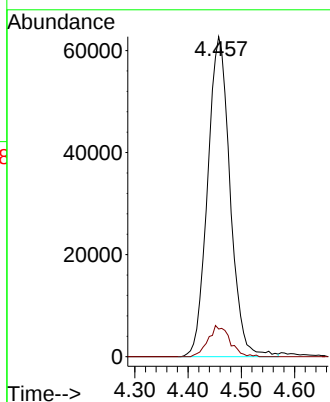
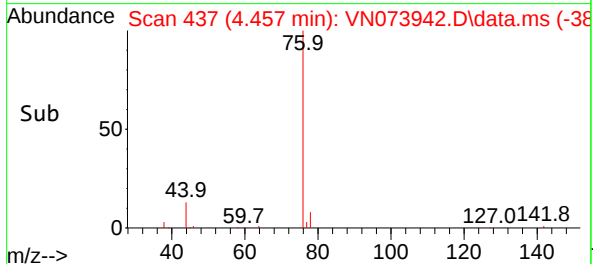
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 76 Resp: 18384
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

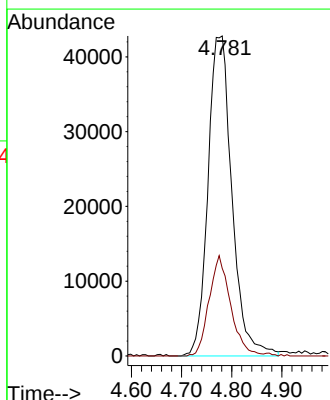
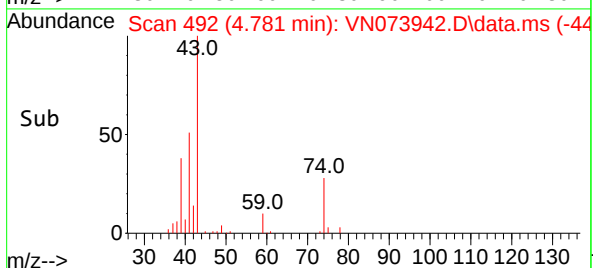
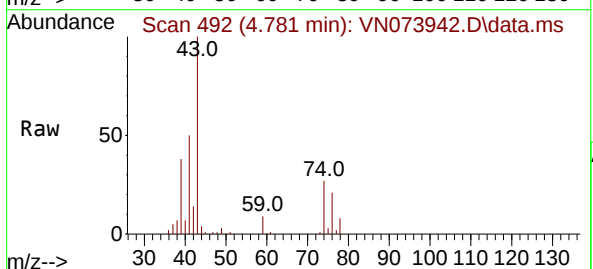
Manual Integrations
APPROVED

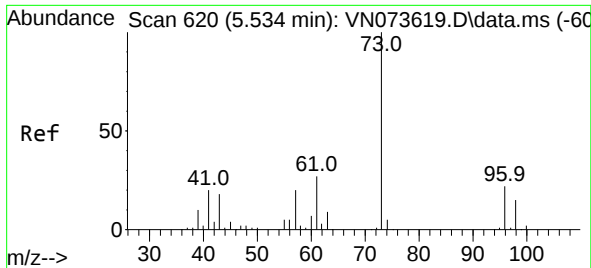
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#18
Methyl Acetate
Concen: 21.545 ug/l
RT: 4.781 min Scan# 492
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion: 43 Resp: 142186
Ion Ratio Lower Upper
43 100
74 28.1 21.6 32.4





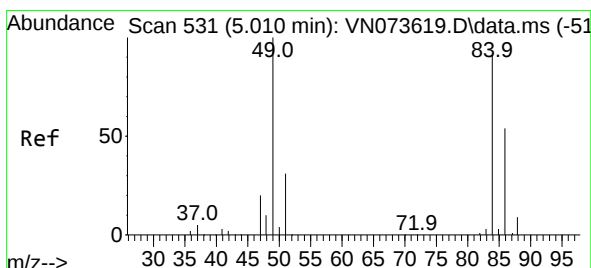
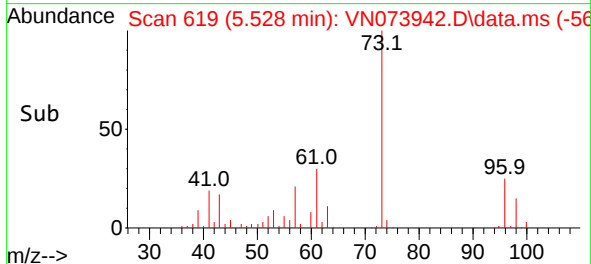
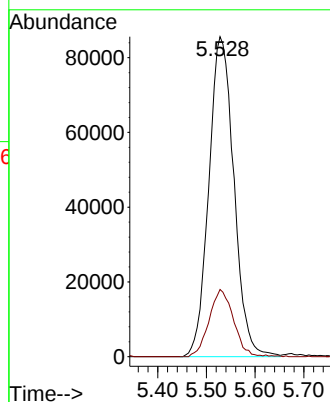
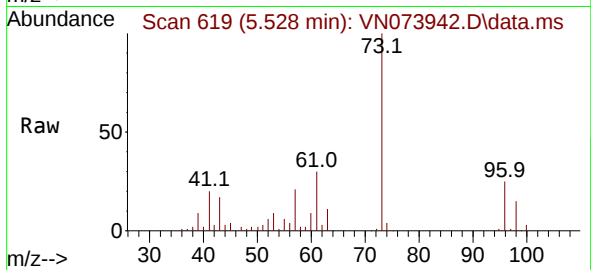
#19
Methyl tert-butyl Ether
Concen: 19.992 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 73 Resp: 30599
Ion Ratio Lower Upper
73 100
57 21.0 17.6 26.4

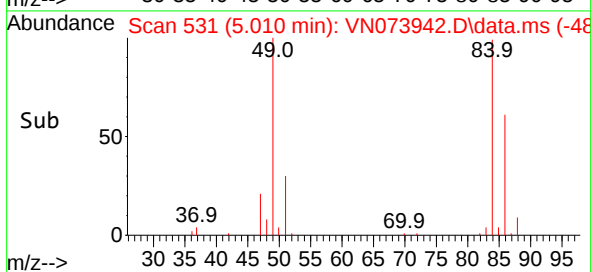
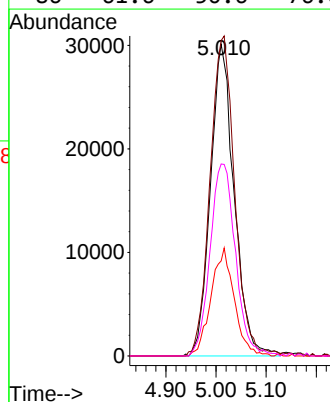
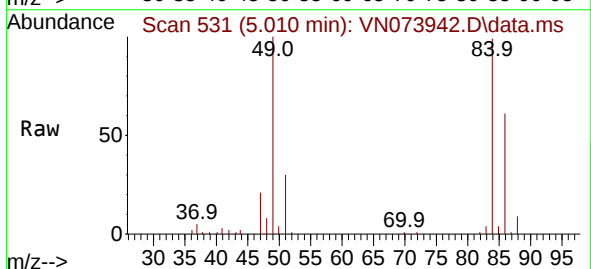
Manual Integrations
APPROVED

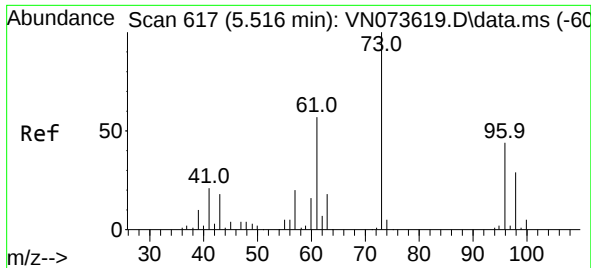
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#20
Methylene Chloride
Concen: 18.948 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

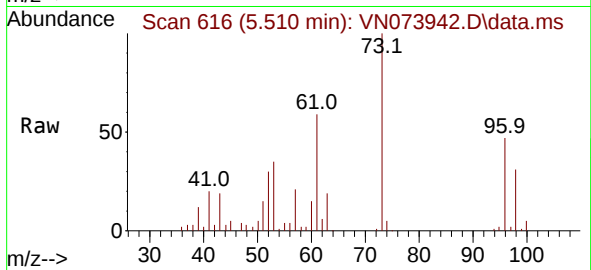
Tgt Ion: 84 Resp: 98930
Ion Ratio Lower Upper
84 100
49 101.2 88.3 132.5
51 30.5 28.2 42.2
86 61.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.805 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

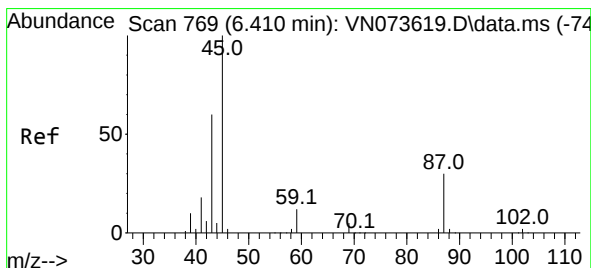
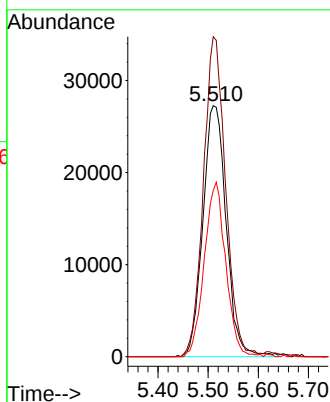
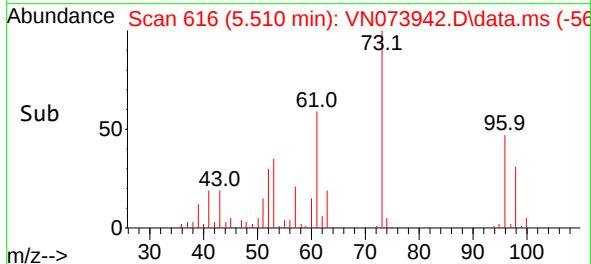
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 96 Resp: 88044
Ion Ratio Lower Upper
96 100
61 126.9 105.8 158.8
98 66.2 50.3 75.5

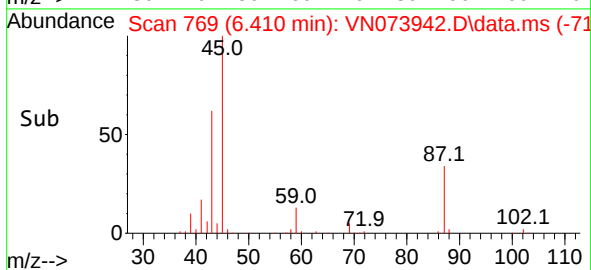
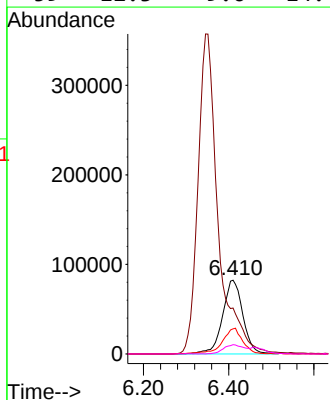
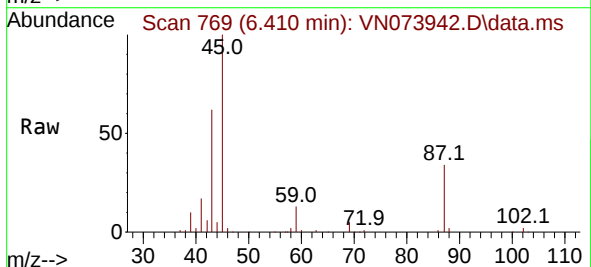
Manual Integrations
APPROVED

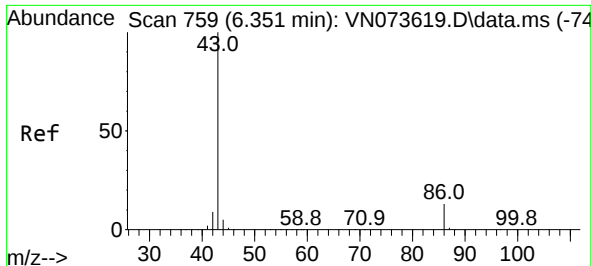
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#22
Diisopropyl ether
Concen: 20.418 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion: 45 Resp: 272473
Ion Ratio Lower Upper
45 100
43 61.6 46.6 70.0
87 33.9 24.3 36.5
59 12.3 9.6 14.4





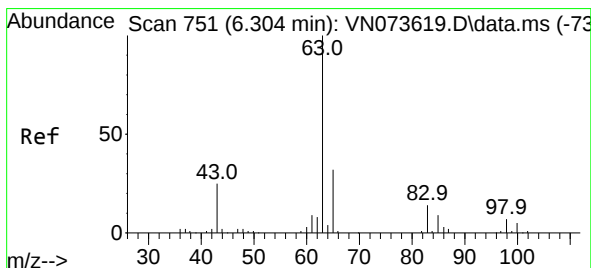
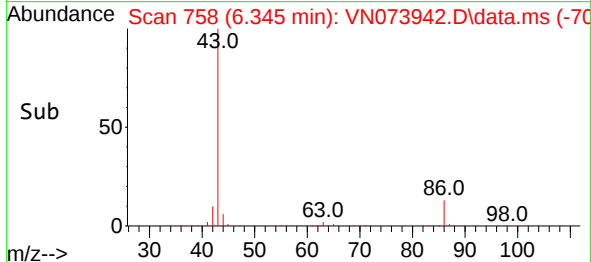
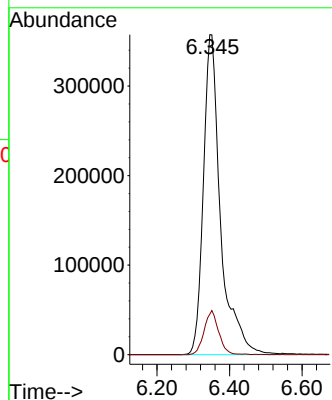
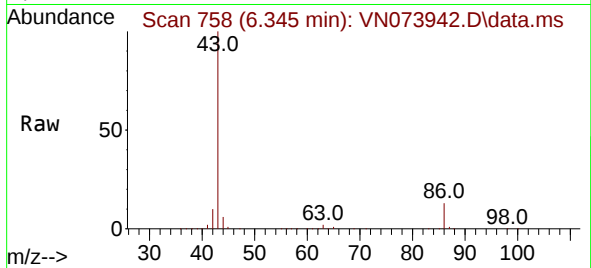
#23
 Vinyl Acetate
 Concen: 102.816 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01

Tgt Ion: 43 Resp: 117576
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.0 15.0

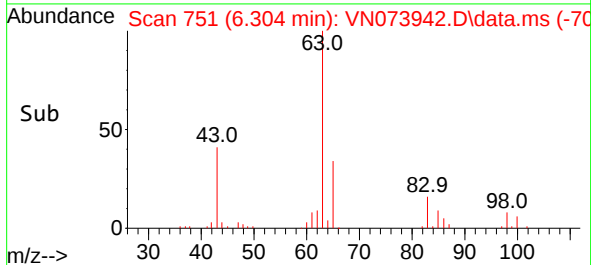
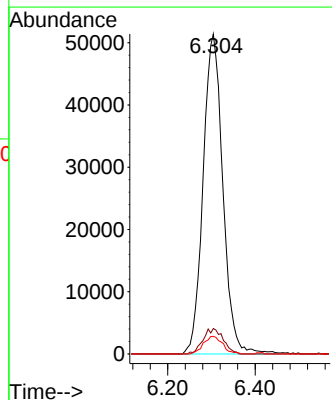
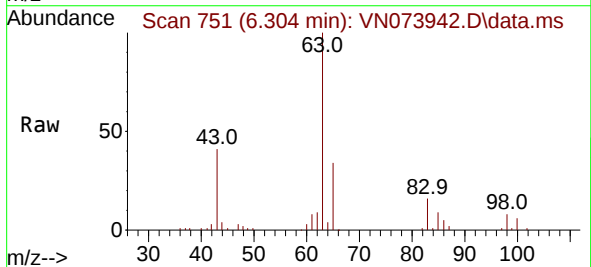
Manual Integrations
 APPROVED

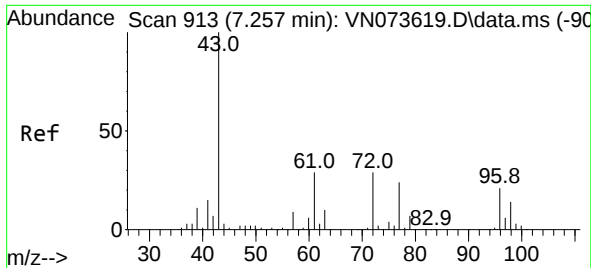
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022



#24
 1,1-Dichloroethane
 Concen: 19.444 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

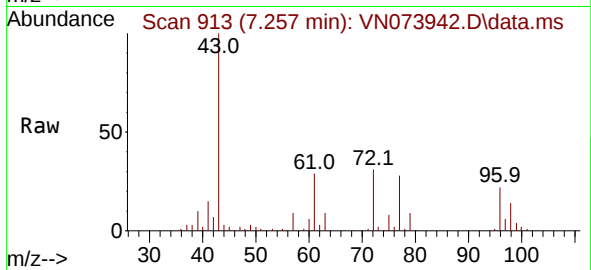
Tgt Ion: 63 Resp: 161510
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 5.5 2.3 6.8





#25
2-Butanone
Concen: 100.211 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

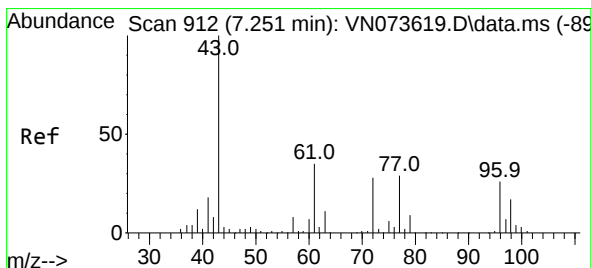
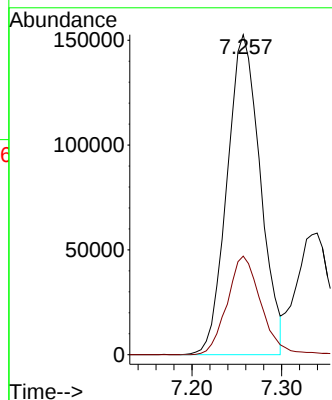
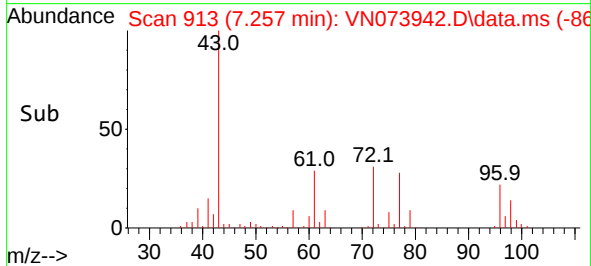
Instrument :
MSVOA_N
Client Sample Id :
VN0816WBSD01



Tgt Ion: 43 Resp: 39315
Ion Ratio Lower Upper
43 100
72 30.8 23.7 35.5

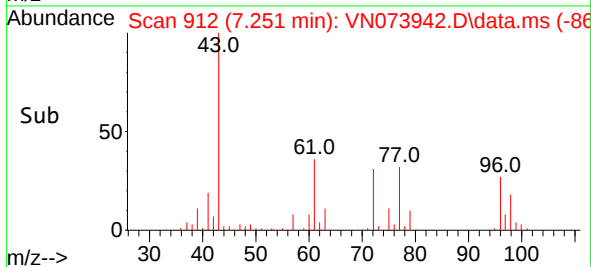
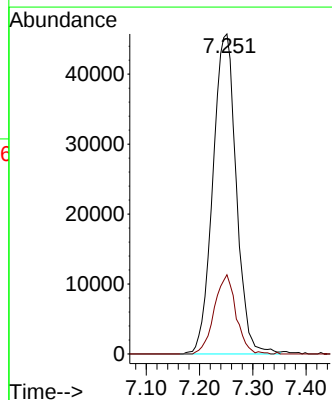
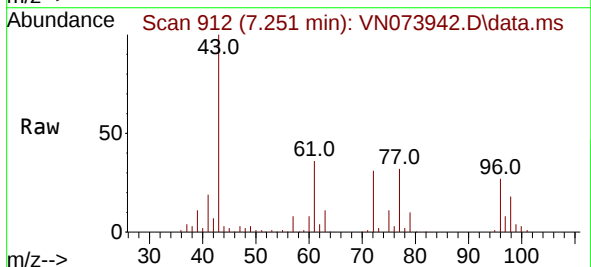
Manual Integrations
APPROVED

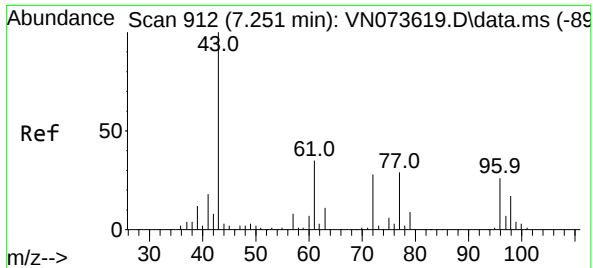
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#26
2,2-Dichloropropane
Concen: 17.890 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion: 77 Resp: 139617
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.2





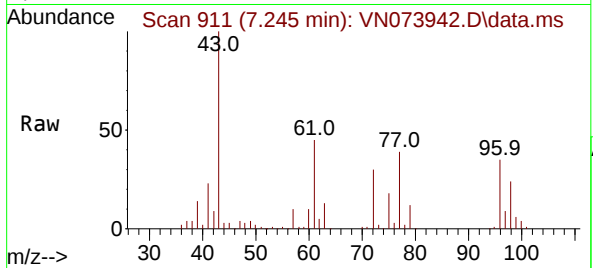
#27
 cis-1,2-Dichloroethene
 Concen: 18.933 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01



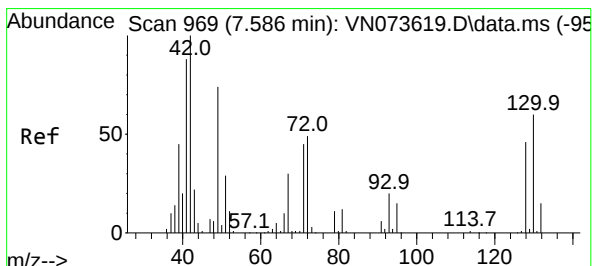
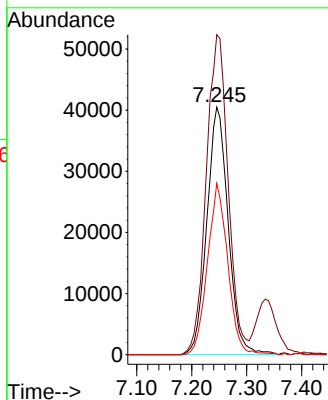
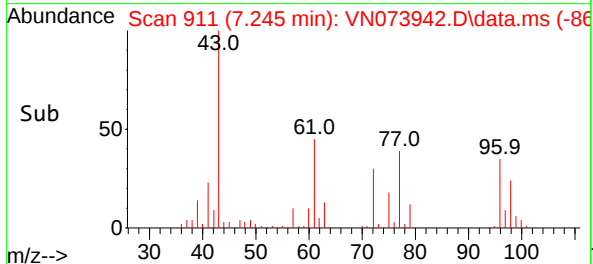
Tgt Ion: 96 Resp: 109368
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 280.6
 98 65.7 0.0 128.4

Manual Integrations

APPROVED

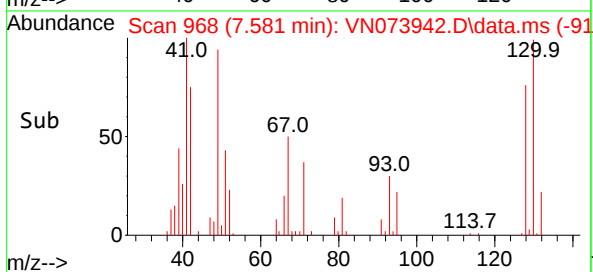
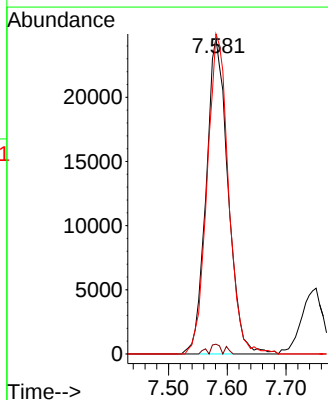
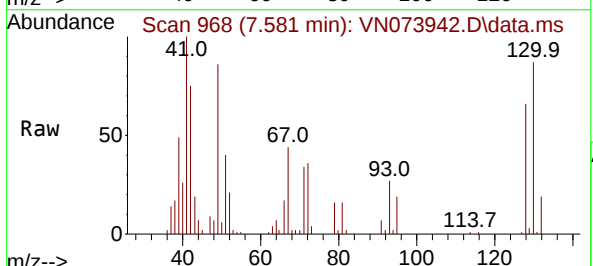
Reviewed By :John Carlone 08/17/2022

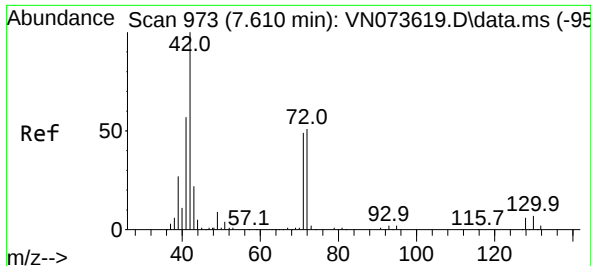
Supervised By :Mahesh Dadoda 08/17/2022



#28
 Bromochloromethane
 Concen: 20.810 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.005 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

Tgt Ion: 49 Resp: 63755
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 99.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 103.290 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073942.D

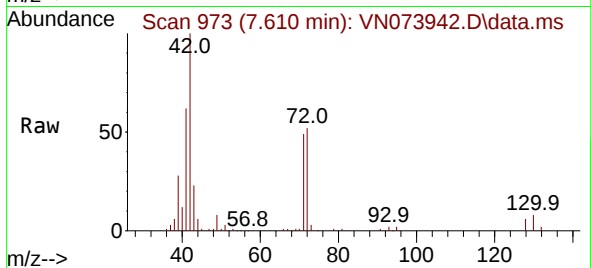
Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01



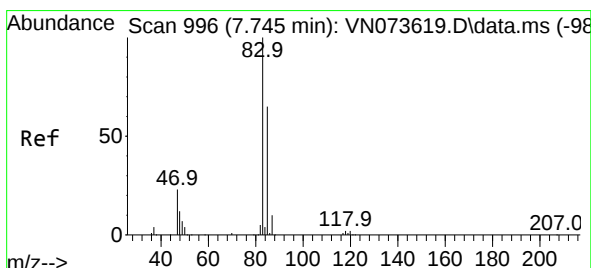
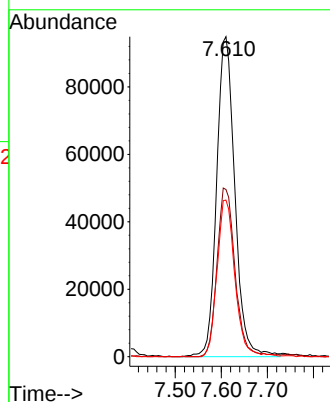
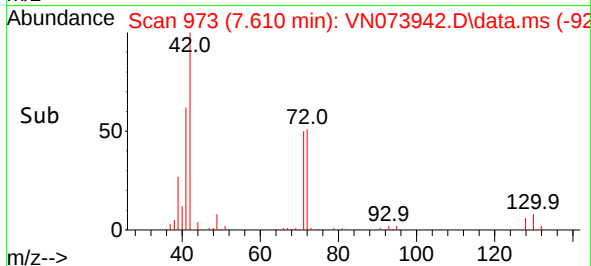
Tgt Ion:	42	Resp:	259950
Ion	Ratio	Lower	Upper
42	100		
72	52.2	39.7	59.5
71	48.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#30

Chloroform

Concen: 19.142 ug/l

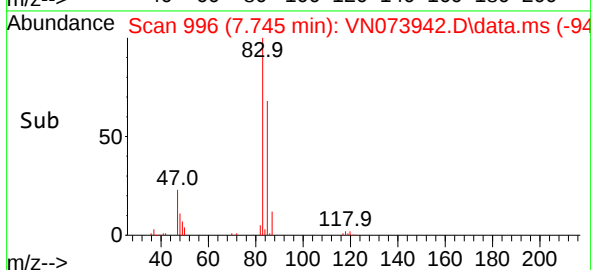
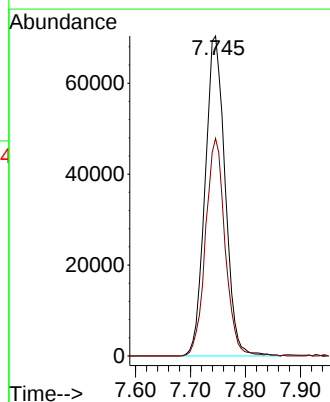
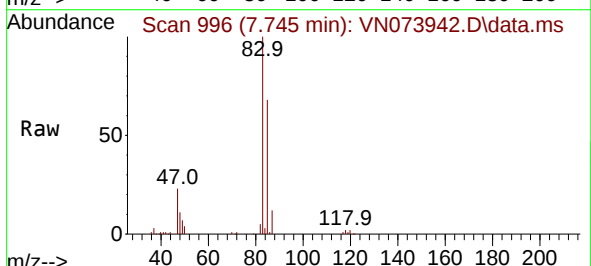
RT: 7.745 min Scan# 996

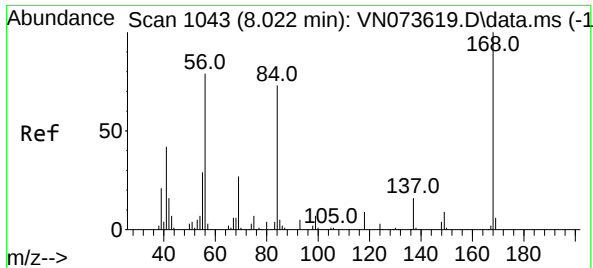
Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

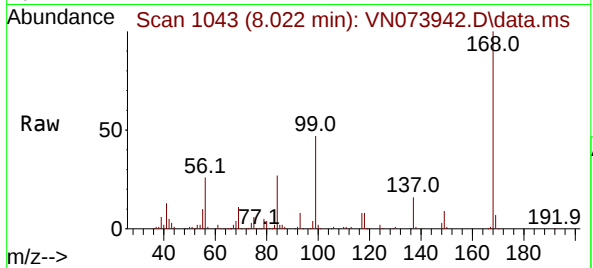
Tgt Ion:	83	Resp:	177792
Ion	Ratio	Lower	Upper
83	100		
85	68.0	51.8	77.8





#31
Cyclohexane
Concen: 19.091 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

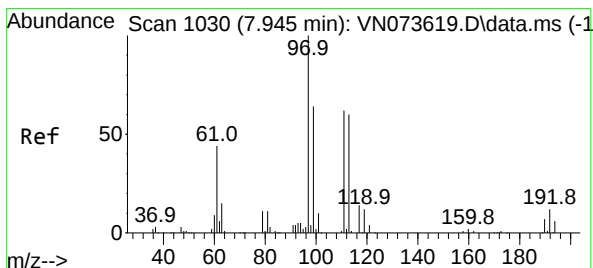
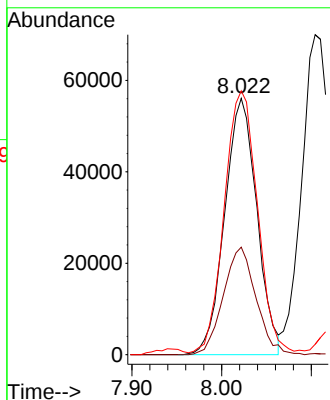
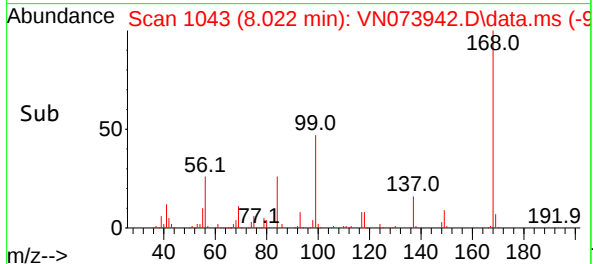
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 56 Resp: 139574
Ion Ratio Lower Upper
56 100
69 42.0 27.8 41.8
84 100.8 76.9 115.3

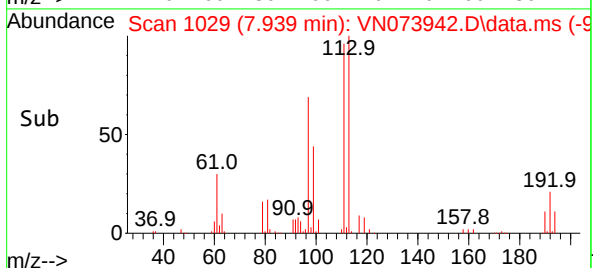
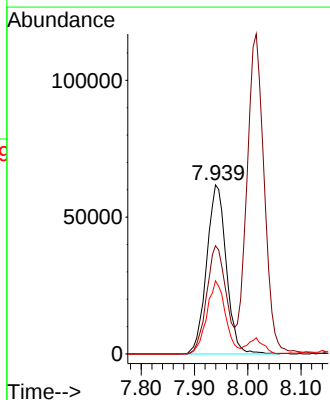
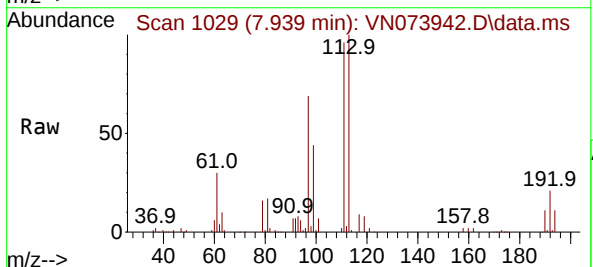
Manual Integrations
APPROVED

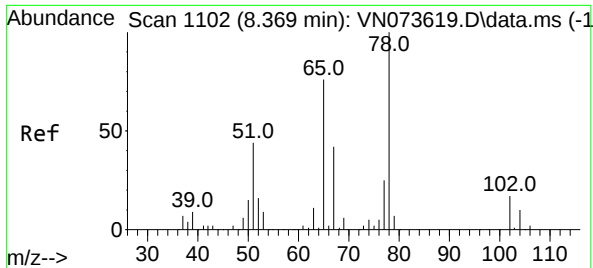
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#32
1,1,1-Trichloroethane
Concen: 19.198 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion: 97 Resp: 158130
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 41.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 56.807 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 65 Resp: 297929

Ion Ratio Lower Upper

65 100

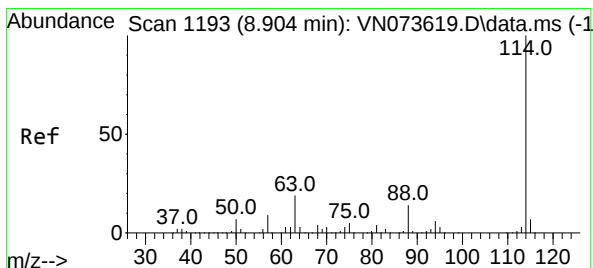
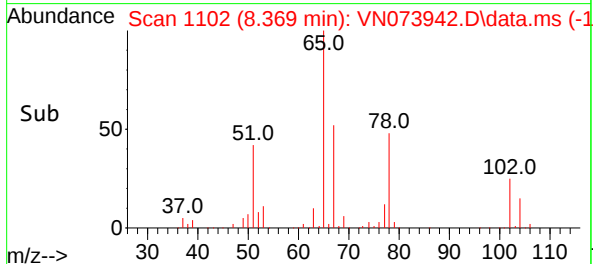
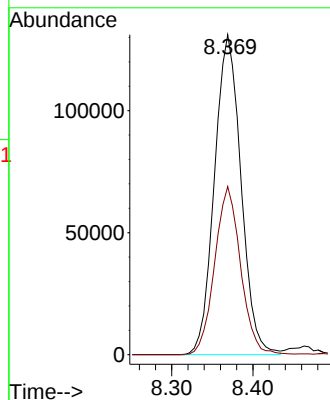
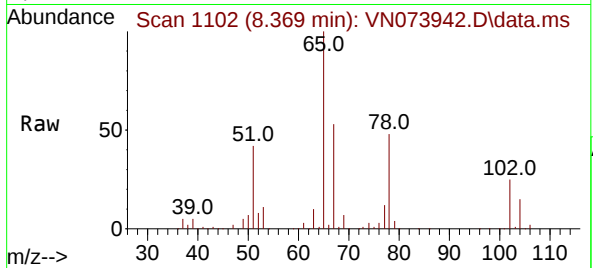
67 51.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

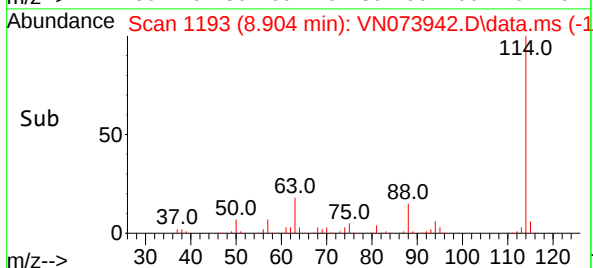
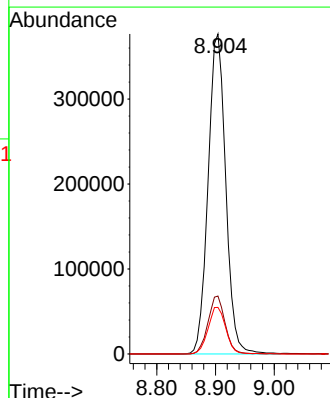
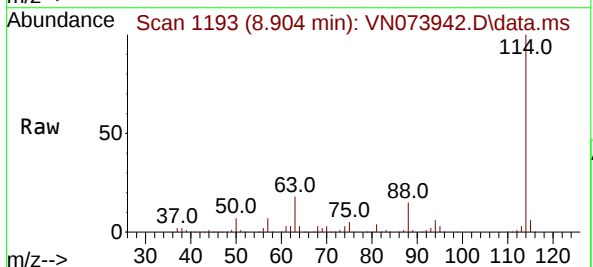
Tgt Ion:114 Resp: 784569

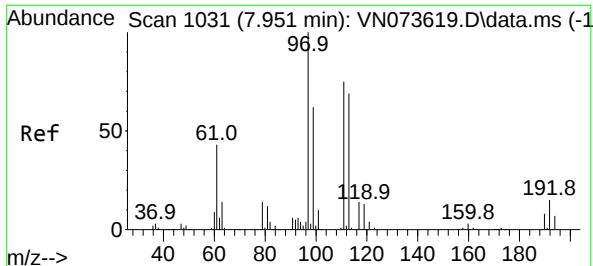
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

88 14.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 56.038 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

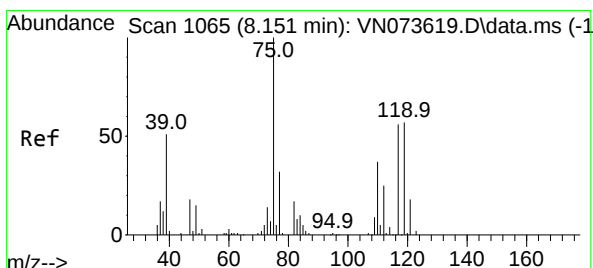
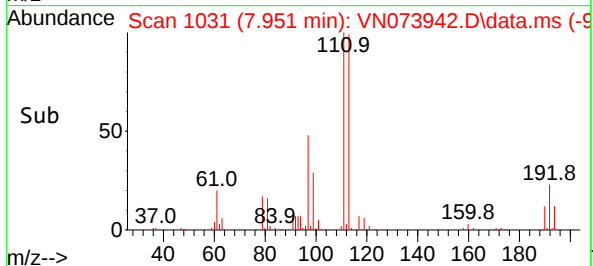
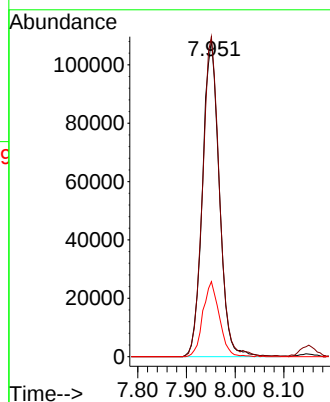
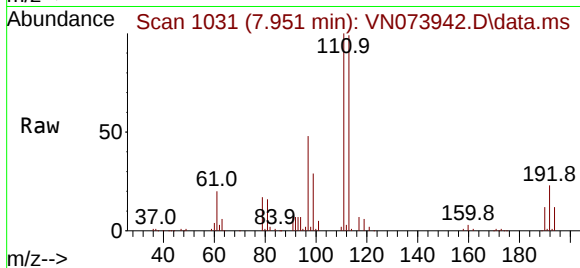
Tgt Ion:	113	Resp:	260000
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.4	122.0
192	23.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#36

1,1-Dichloropropene

Concen: 19.209 ug/l

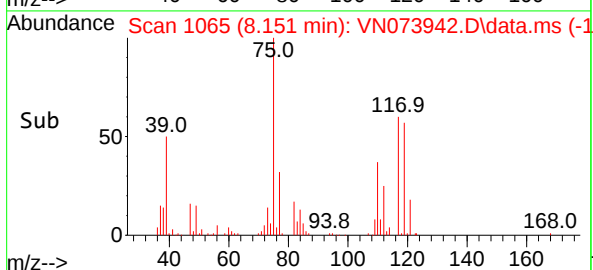
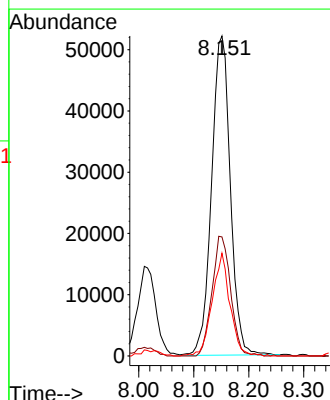
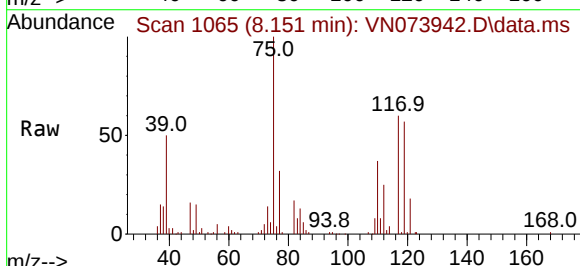
RT: 8.151 min Scan# 1065

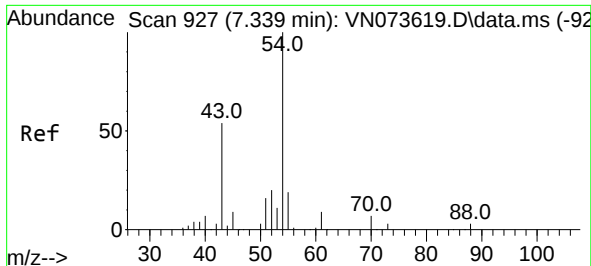
Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Tgt Ion:	75	Resp:	123795
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.3	54.8
77	30.5	25.1	37.7





#37

Ethyl Acetate

Concen: 20.122 ug/l

RT: 7.340 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 43 Resp: 15710

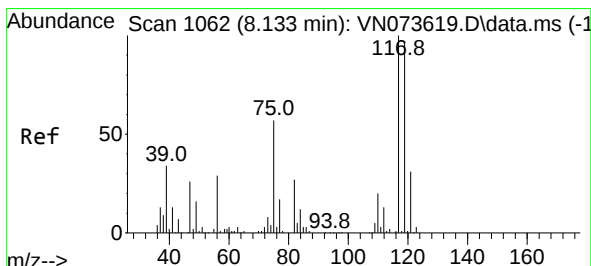
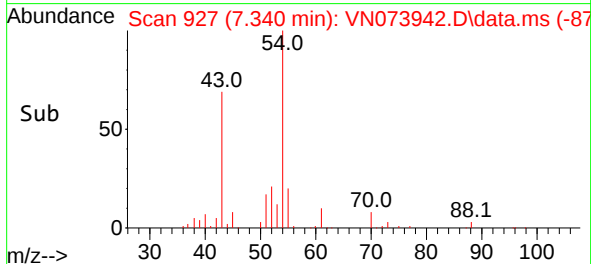
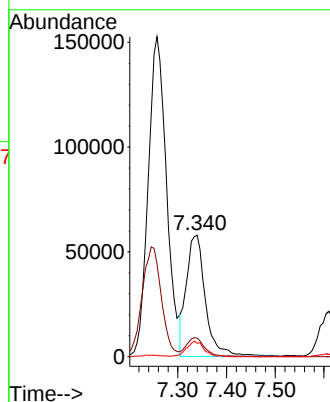
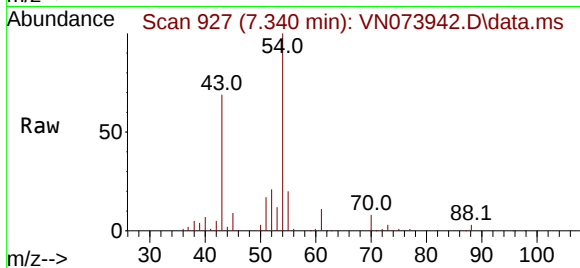
Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.8	17.6
70	11.6	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#38

Carbon Tetrachloride

Concen: 18.596 ug/l

RT: 8.134 min Scan# 1062

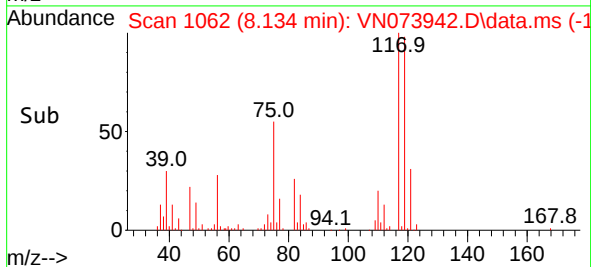
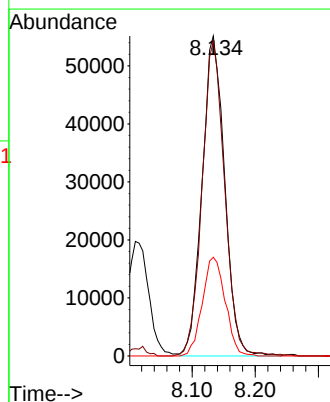
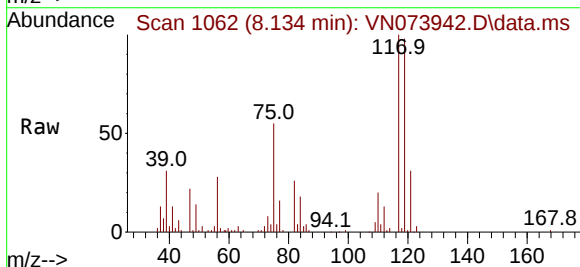
Delta R.T. 0.001 min

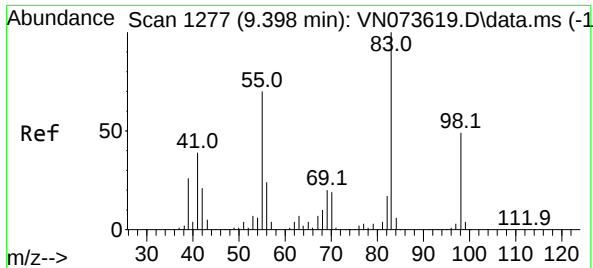
Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Tgt Ion:117 Resp: 136988

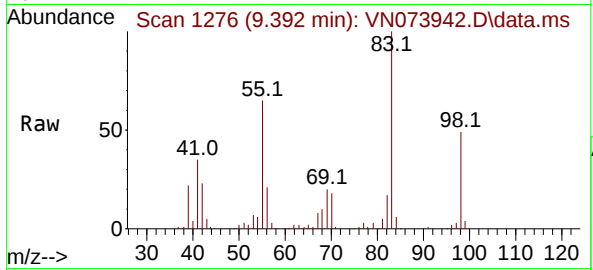
Ion	Ratio	Lower	Upper
117	100		
119	97.8	75.8	113.8
121	30.8	24.6	37.0





#39
Methylcyclohexane
Concen: 19.087 ug/l
RT: 9.392 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

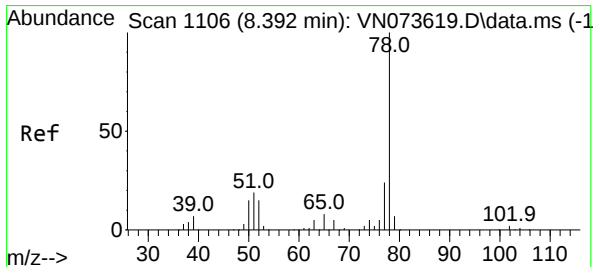
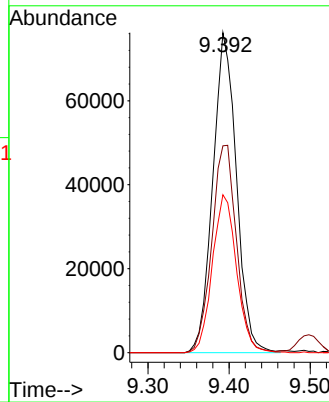
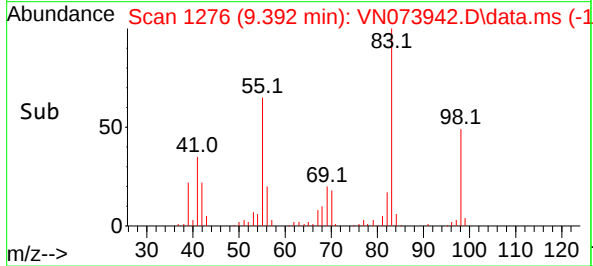
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 83 Resp: 15413
Ion Ratio Lower Upper
83 100
55 64.7 57.8 86.8
98 49.4 39.4 59.2

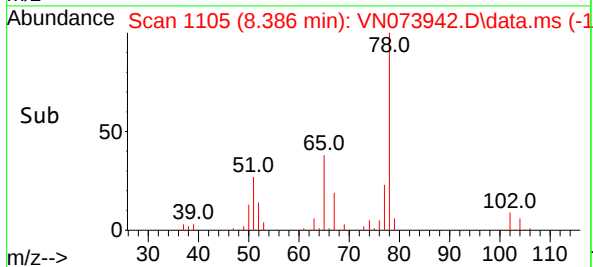
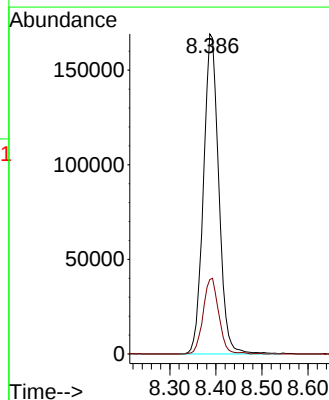
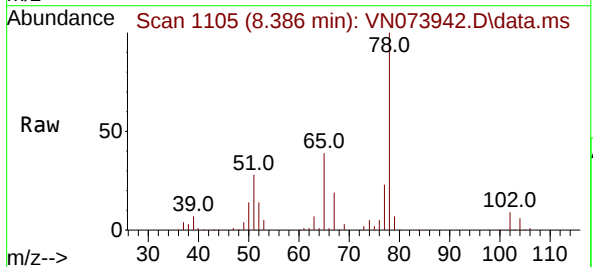
Manual Integrations
APPROVED

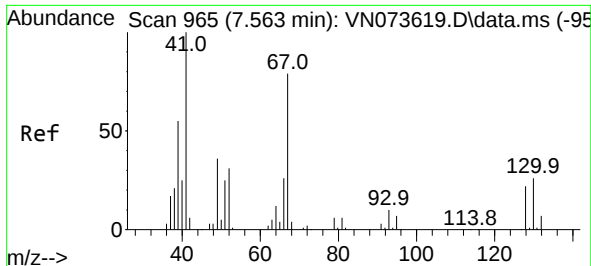
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#40
Benzene
Concen: 19.262 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. -0.005 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

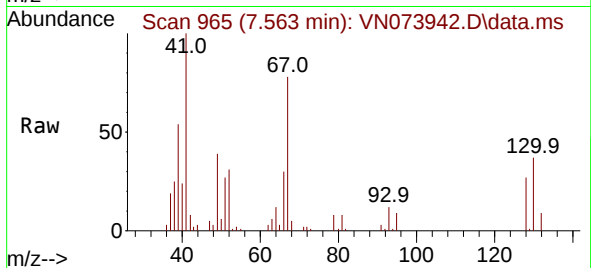
Tgt Ion: 78 Resp: 391795
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0





#41
Methacrylonitrile
Concen: 21.755 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

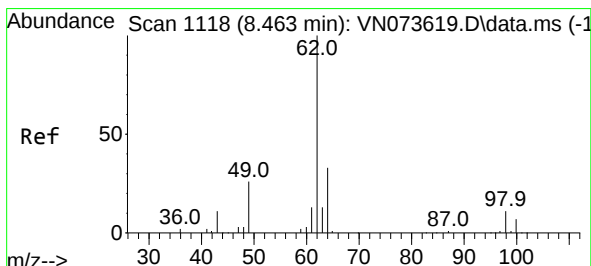
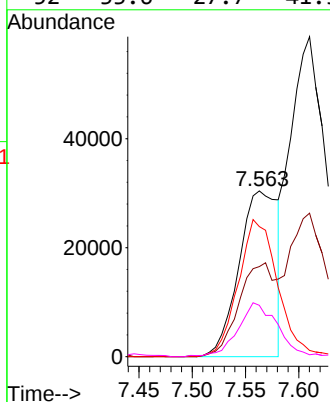
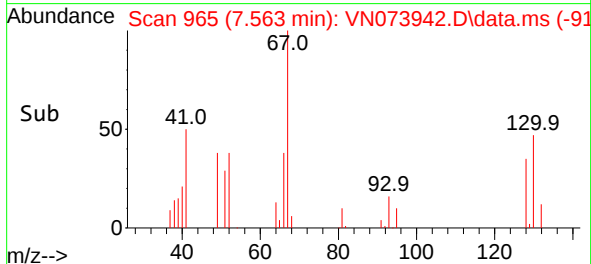
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



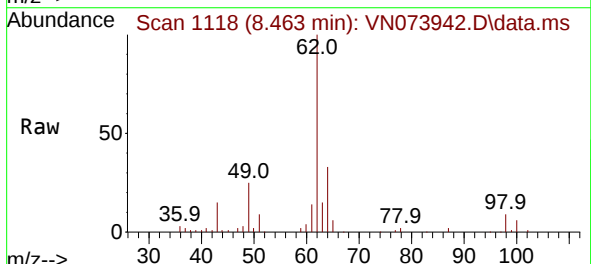
Tgt Ion: 41 Resp: 76760
Ion Ratio Lower Upper
41 100
39 48.1 48.6 73.0
67 85.2 73.4 110.2
52 33.6 27.7 41.5

Manual Integrations
APPROVED

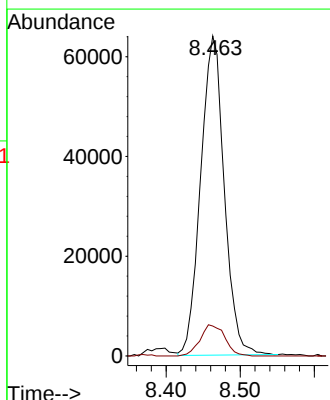
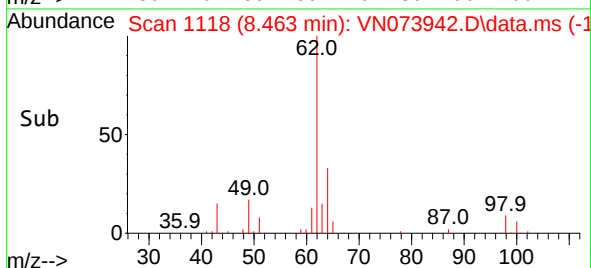
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

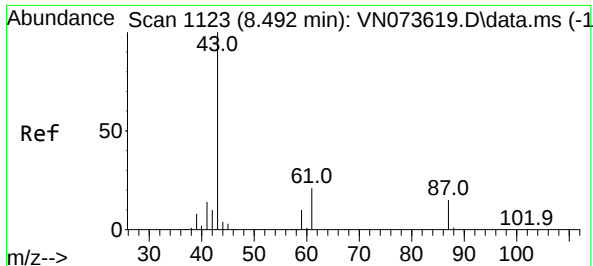


#42
1,2-Dichloroethane
Concen: 20.238 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



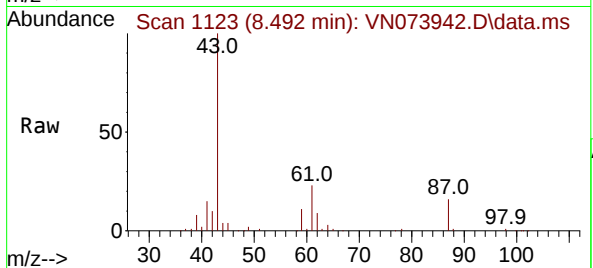
Tgt Ion: 62 Resp: 141541
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.909 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

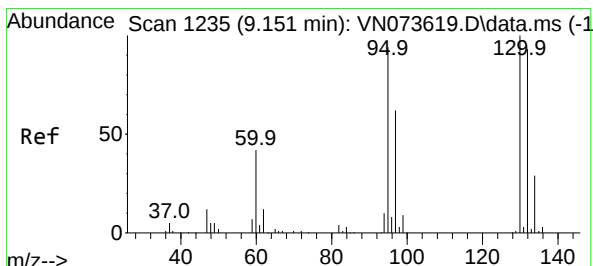
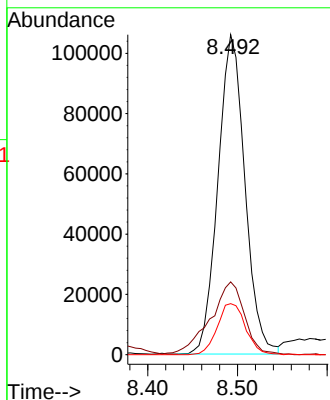
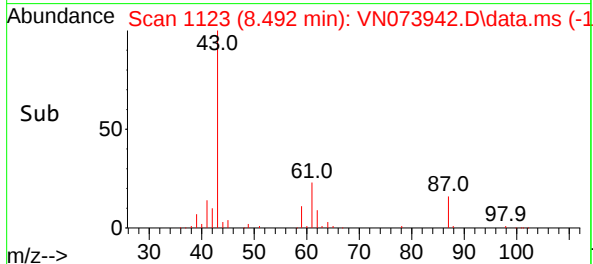
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



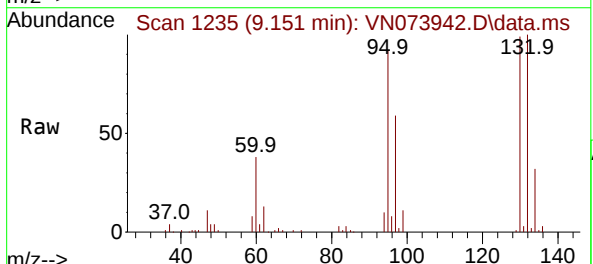
Tgt Ion: 43 Resp: 221438
Ion Ratio Lower Upper
43 100
61 29.0 21.9 32.9
87 16.7 12.0 18.0

Manual Integrations
APPROVED

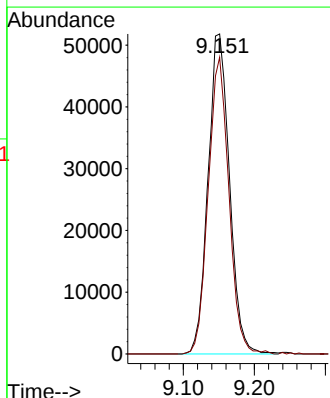
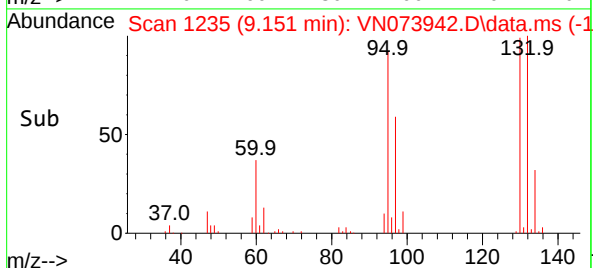
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

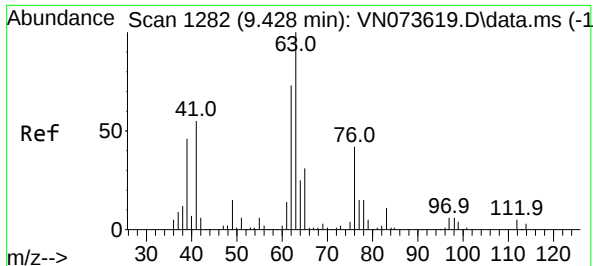


#44
Trichloroethene
Concen: 18.505 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



Tgt Ion:130 Resp: 108711
Ion Ratio Lower Upper
130 100
95 92.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.836 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 63 Resp: 96700

Ion Ratio Lower Upper

63 100

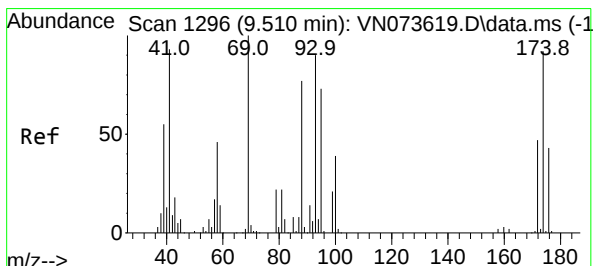
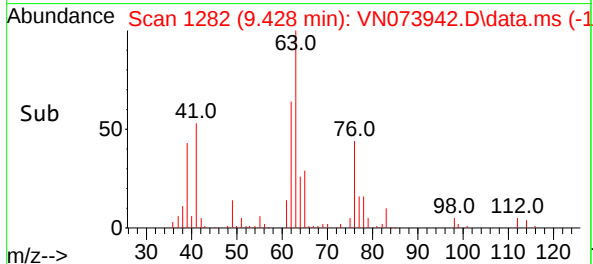
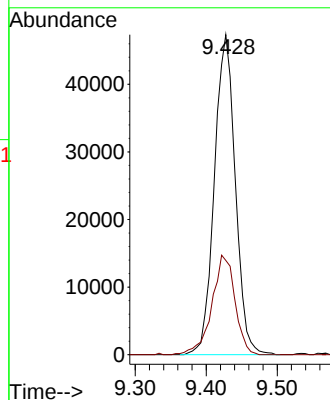
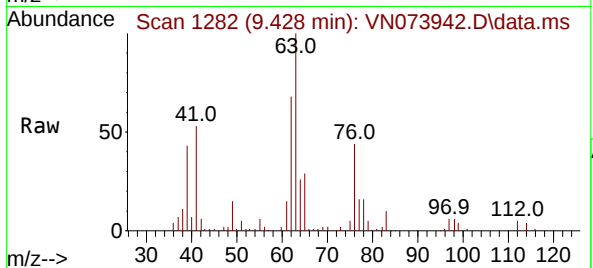
65 29.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#46

Dibromomethane

Concen: 20.121 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

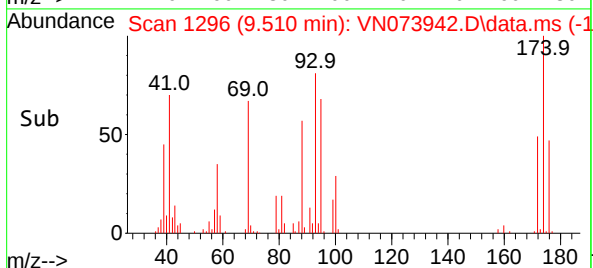
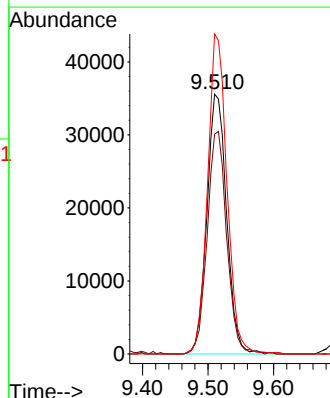
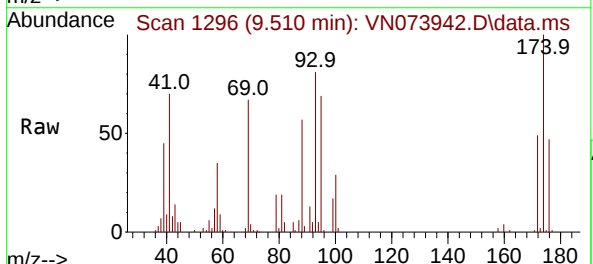
Tgt Ion: 93 Resp: 74580

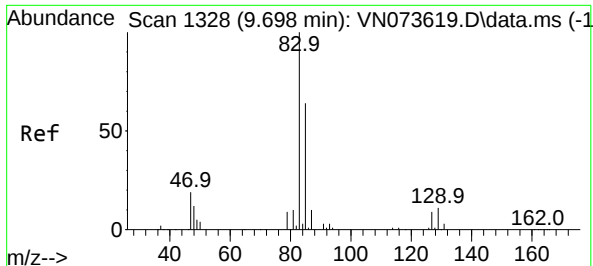
Ion Ratio Lower Upper

93 100

95 84.5 66.9 100.3

174 120.6 86.6 130.0





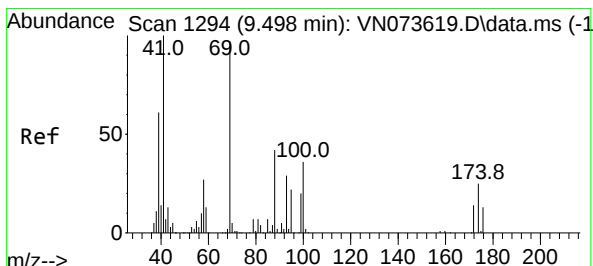
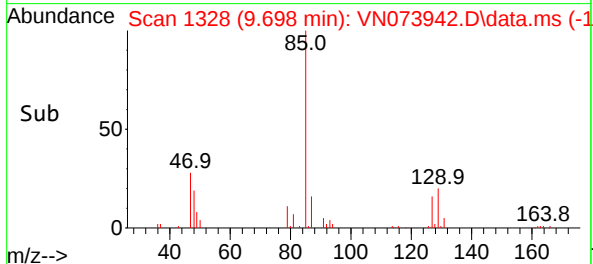
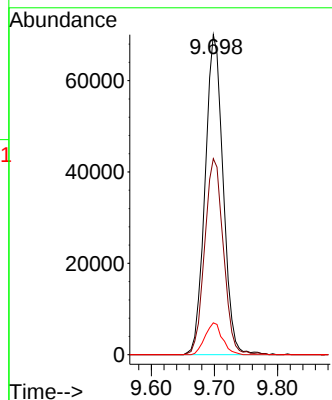
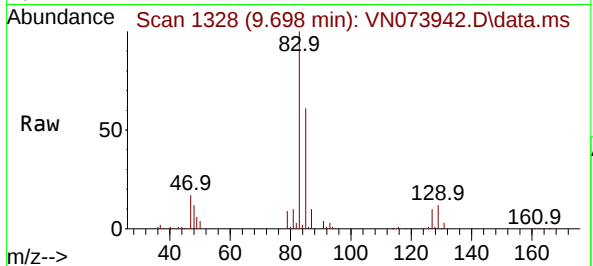
#47
Bromodichloromethane
Concen: 19.612 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 83 Resp: 13894
Ion Ratio Lower Upper
83 100
85 61.3 50.5 75.7
127 9.9 6.8 10.2

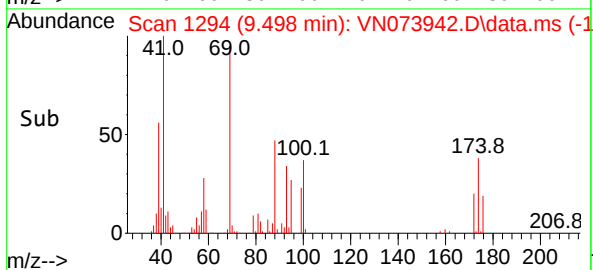
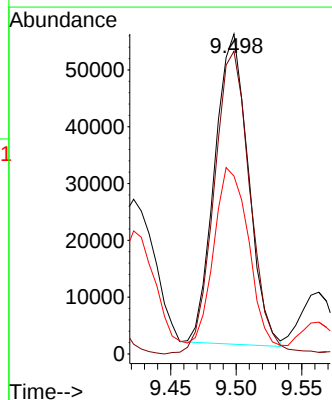
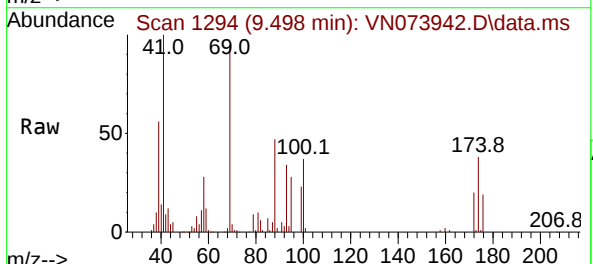
Manual Integrations
APPROVED

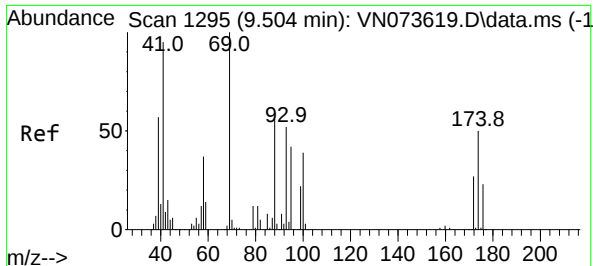
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#48
Methyl methacrylate
Concen: 20.471 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion: 41 Resp: 97425
Ion Ratio Lower Upper
41 100
69 105.1 74.7 112.1
39 64.7 45.6 68.4





#49

1,4-Dioxane

Concen: 402.832 ug/l

RT: 9.498 min Scan# 1295

Delta R.T. -0.006 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

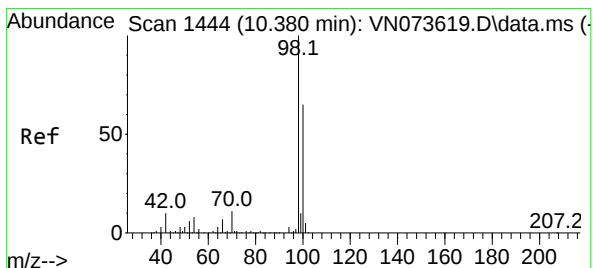
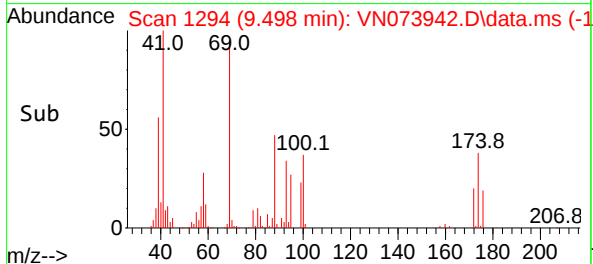
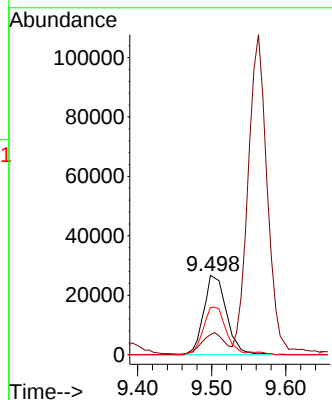
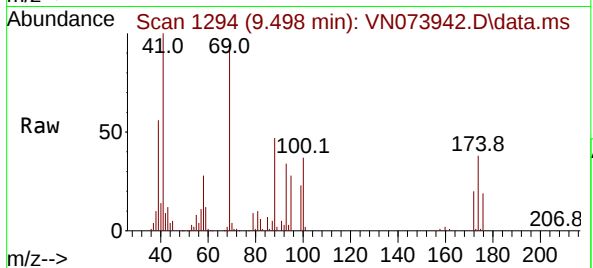
Tgt Ion:	88	Resp:	5701
Ion Ratio	Lower	Upper	
88	100		
43	26.6	20.2	30.4
58	59.2	54.2	81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#50

Toluene-d8

Concen: 54.075 ug/l

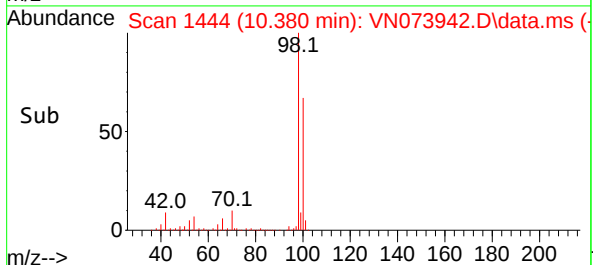
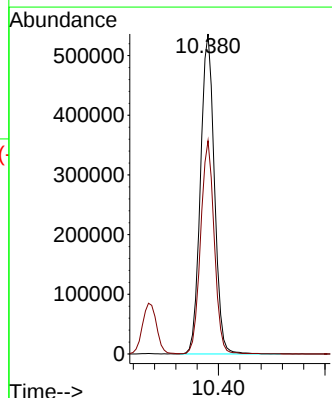
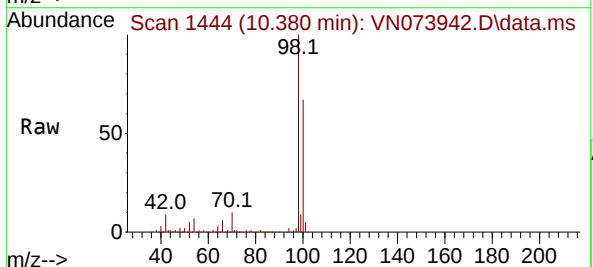
RT: 10.380 min Scan# 1444

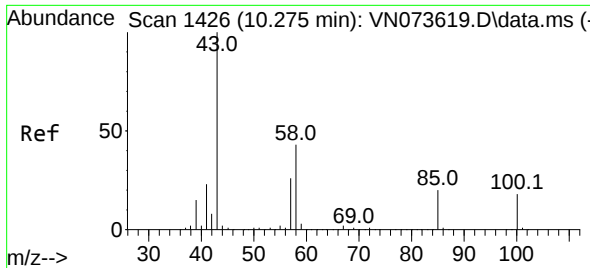
Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Tgt Ion:	98	Resp:	971713
Ion Ratio	Lower	Upper	
98	100		
100	65.1	52.6	78.8





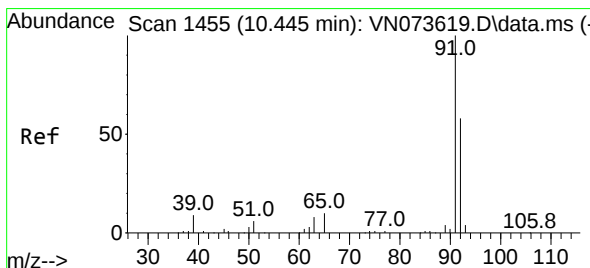
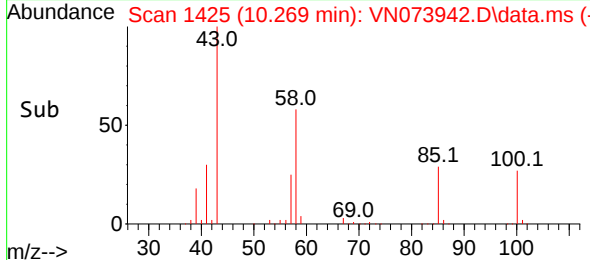
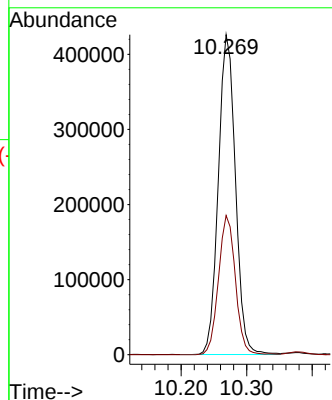
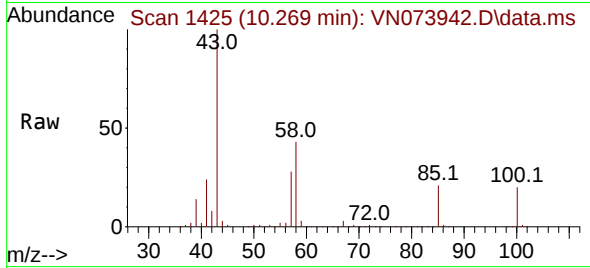
#51
4-Methyl-2-Pentanone
Concen: 102.438 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 43 Resp: 770329
Ion Ratio Lower Upper
43 100
58 43.0 34.1 51.1

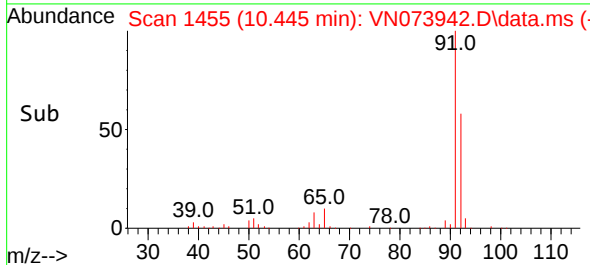
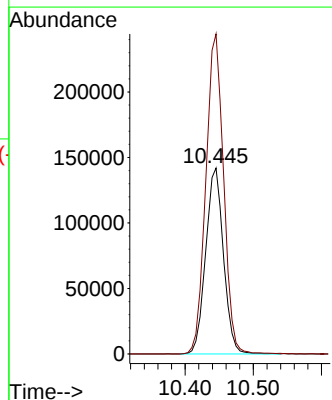
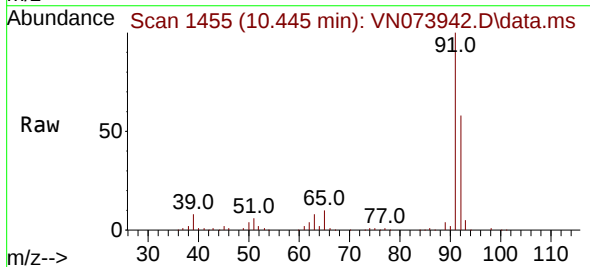
Manual Integrations
APPROVED

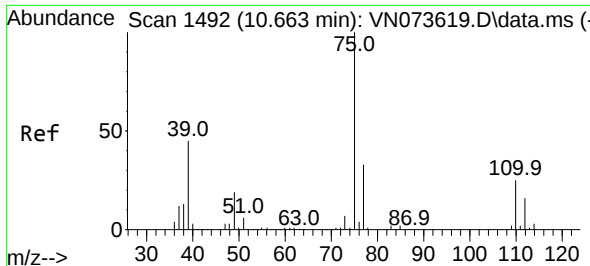
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#52
Toluene
Concen: 18.437 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

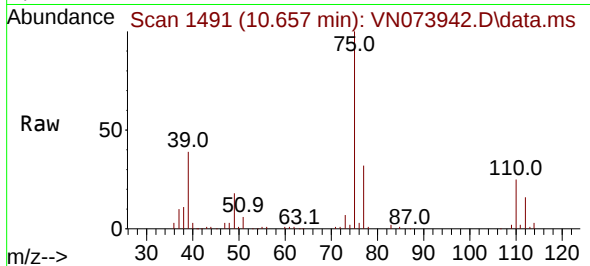
Tgt Ion: 92 Resp: 257150
Ion Ratio Lower Upper
92 100
91 172.1 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.433 ug/l
RT: 10.657 min Scan# 1492
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

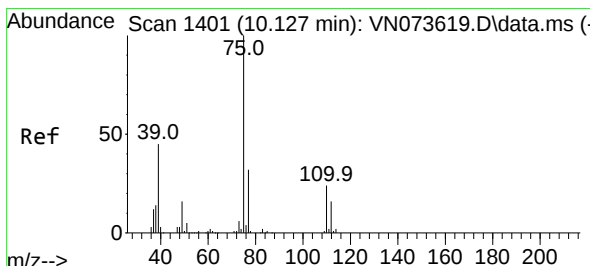
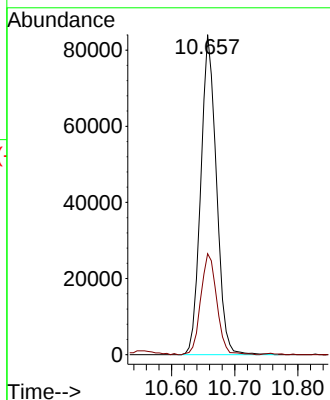
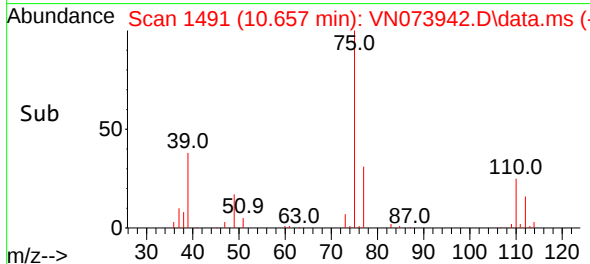
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



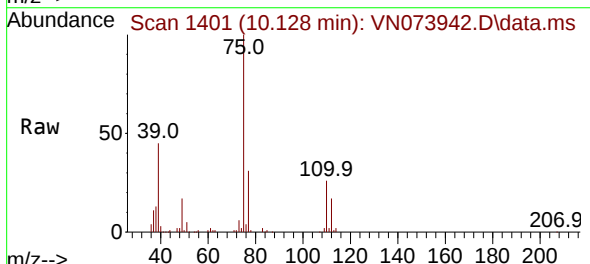
Tgt Ion: 75 Resp: 144469
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
APPROVED

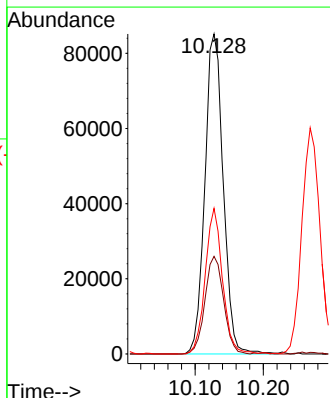
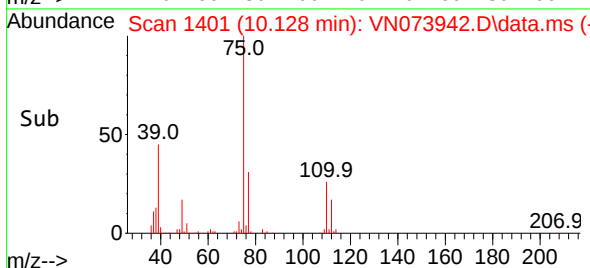
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

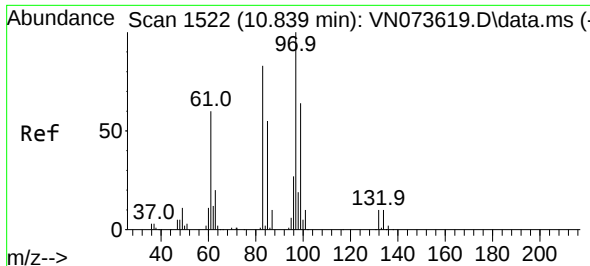


#54
cis-1,3-Dichloropropene
Concen: 19.649 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.001 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



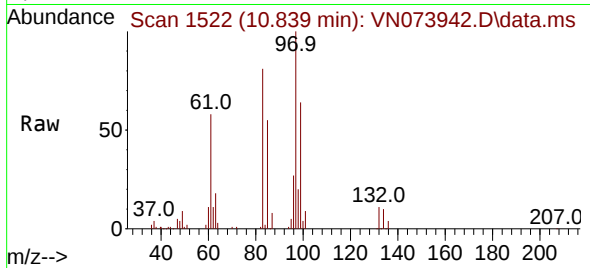
Tgt Ion: 75 Resp: 159820
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 45.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.885 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

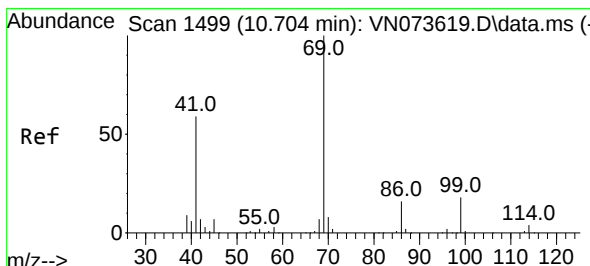
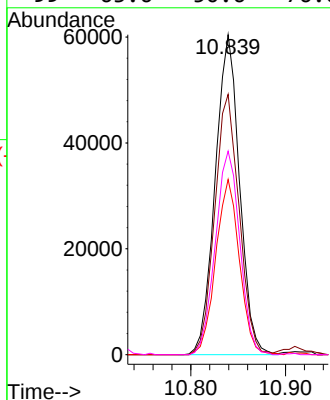
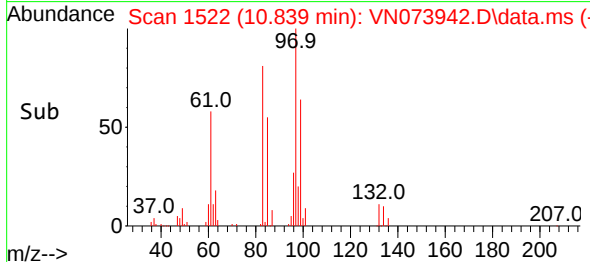
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.4	66.2	99.4
85	54.8	43.9	65.9
99	63.6	50.6	76.0

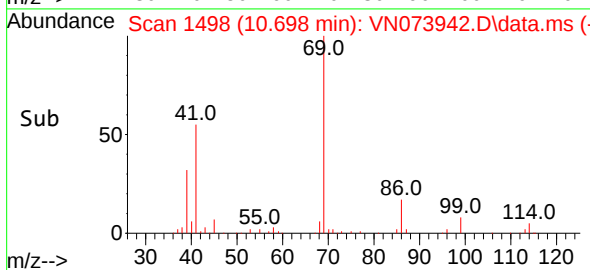
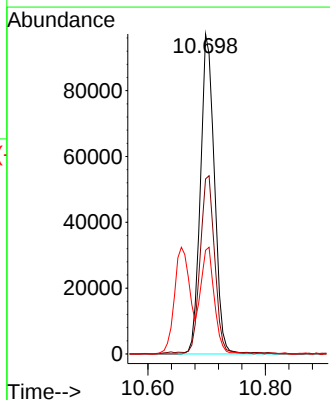
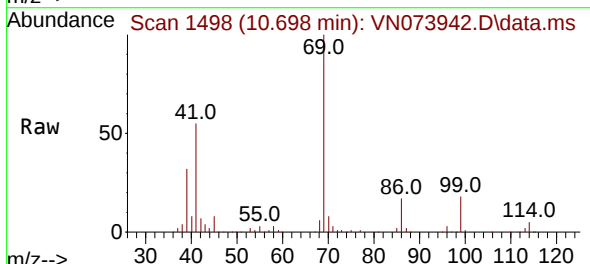
Manual Integrations
APPROVED

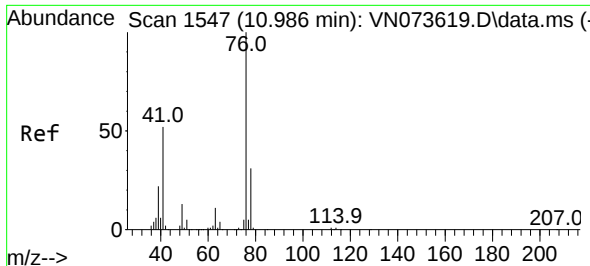
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#56
Ethyl methacrylate
Concen: 20.818 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.6	47.8	71.6
39	32.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 20.232 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion: 76 Resp: 17847

Ion Ratio Lower Upper

76 100

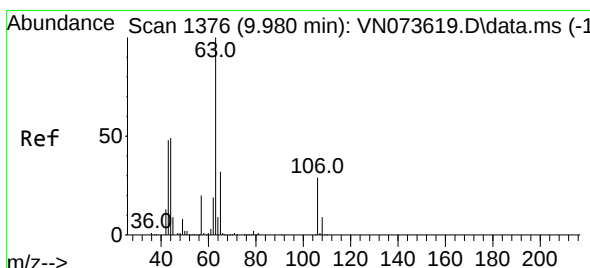
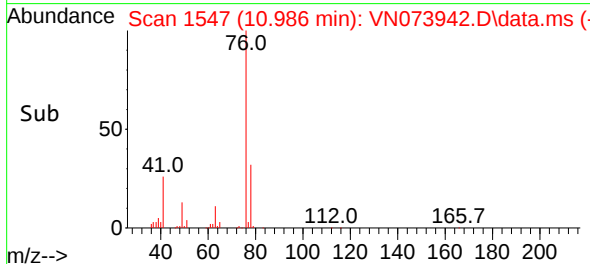
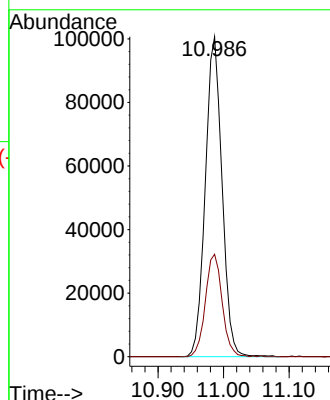
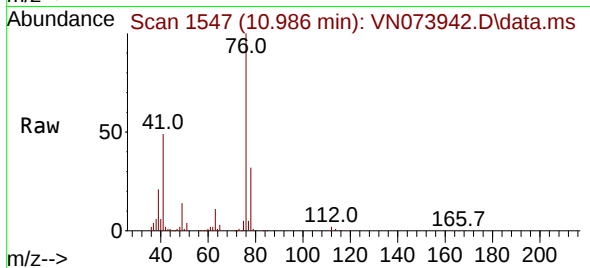
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#58

2-Chloroethyl Vinyl ether

Concen: 107.784 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073942.D

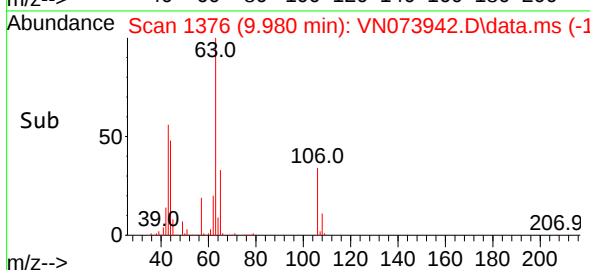
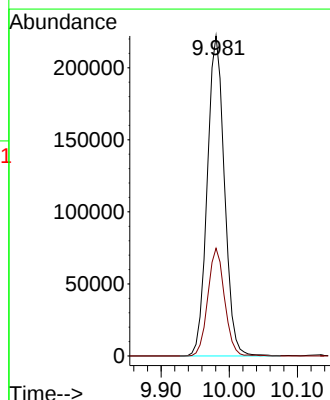
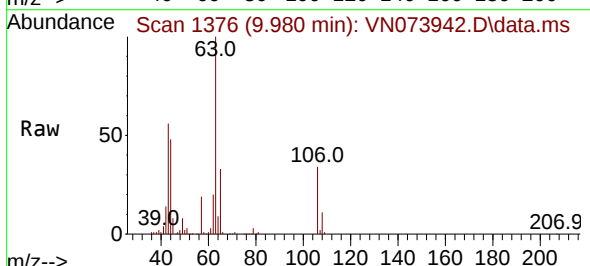
Acq: 16 Aug 2022 12:30

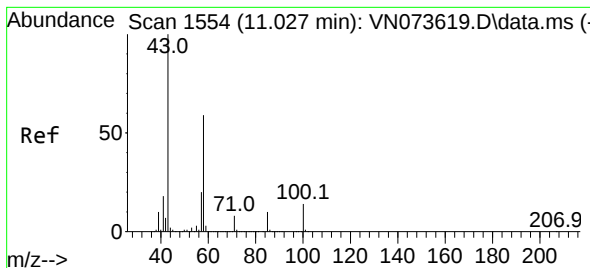
Tgt Ion: 63 Resp: 389266

Ion Ratio Lower Upper

63 100

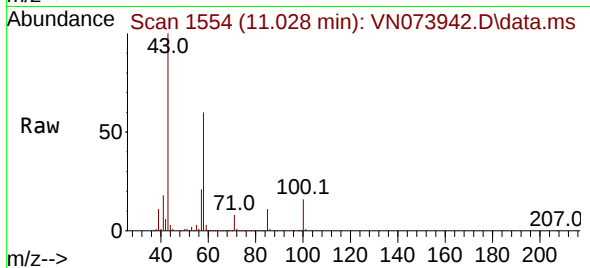
106 32.8 24.6 36.8





#59
2-Hexanone
Concen: 103.491 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.001 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

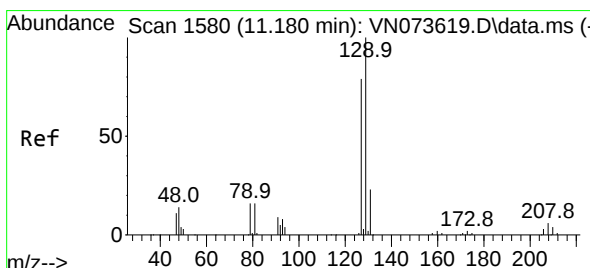
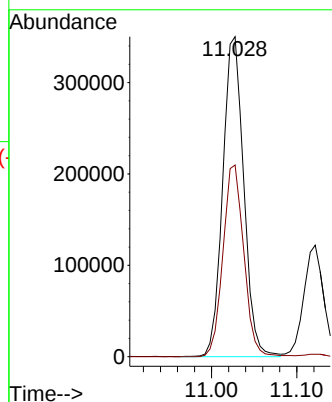
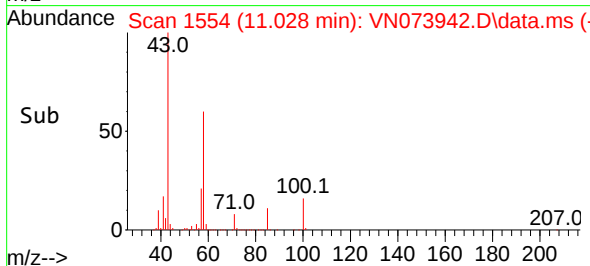
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 43 Resp: 598940
Ion Ratio Lower Upper
43 100
58 59.5 29.7 89.1

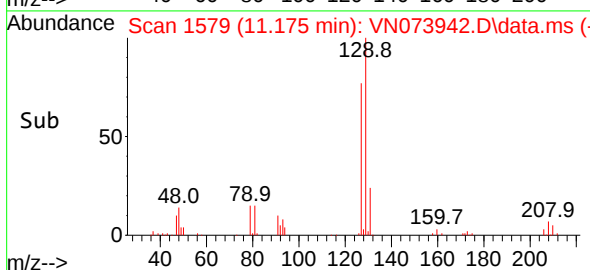
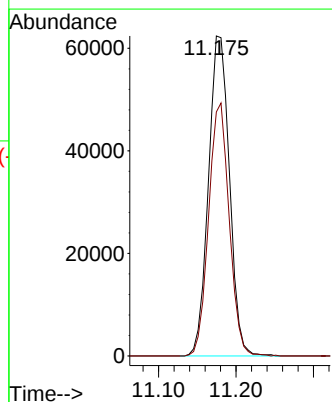
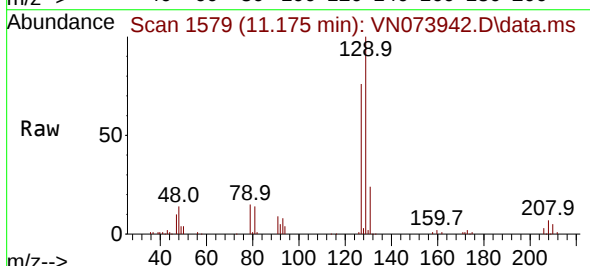
Manual Integrations
APPROVED

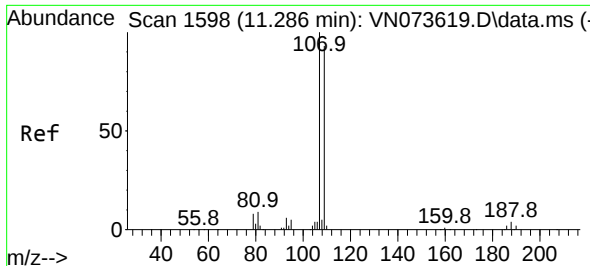
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#60
Dibromochloromethane
Concen: 19.569 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.005 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

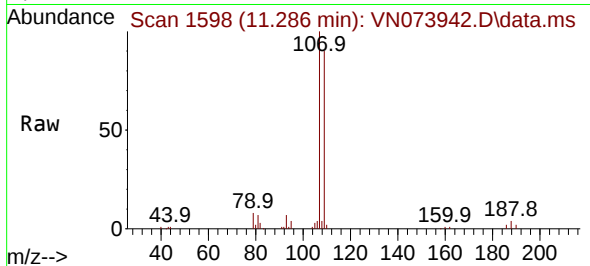
Tgt Ion:129 Resp: 117410
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.719 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

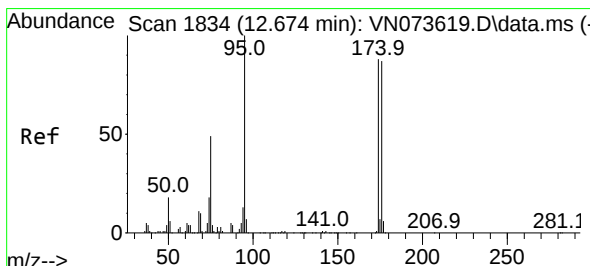
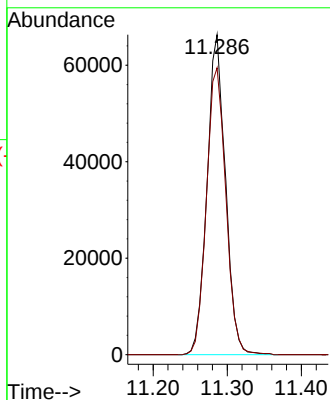
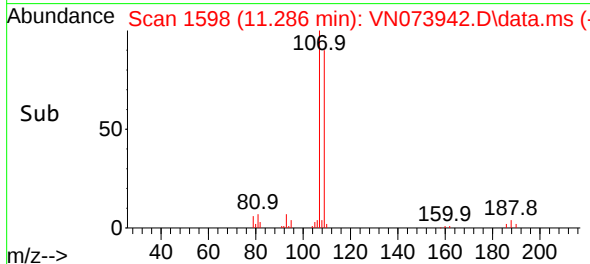
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



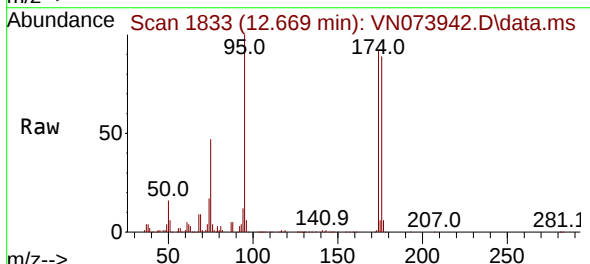
Tgt Ion:107 Resp: 11443
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6

Manual Integrations
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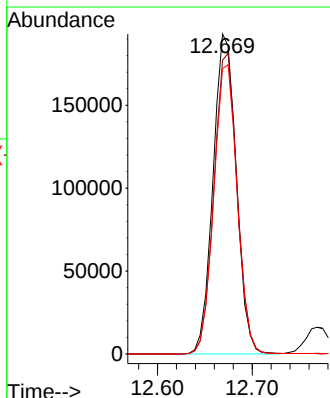
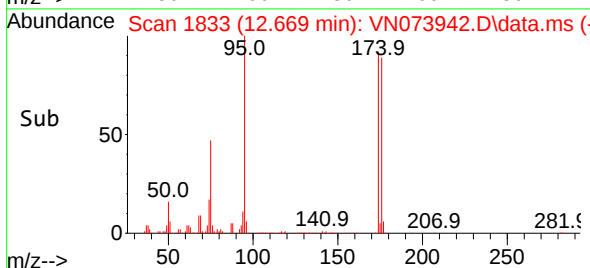
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

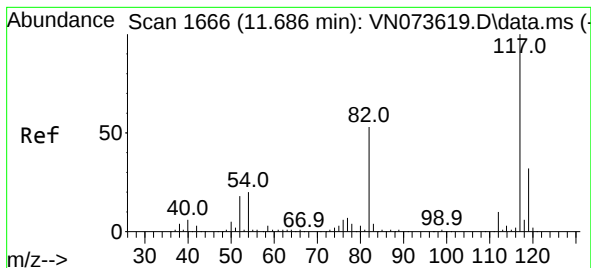


#62
4-Bromofluorobenzene
Concen: 54.962 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



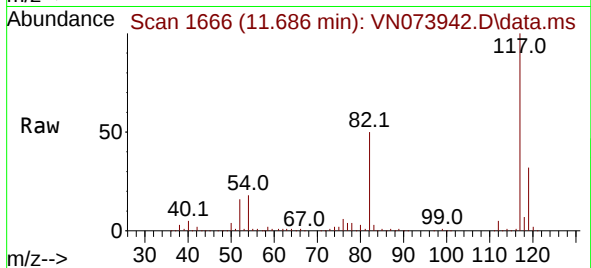
Tgt Ion: 95 Resp: 327786
Ion Ratio Lower Upper
95 100
174 94.2 0.0 167.6
176 91.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

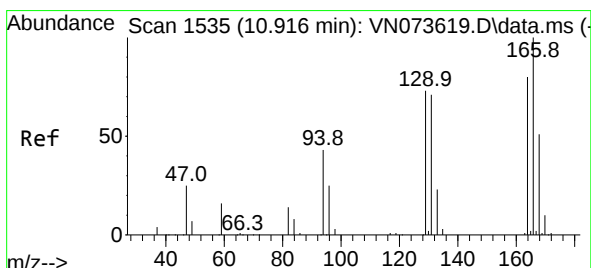
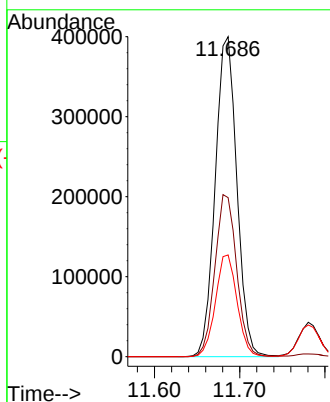
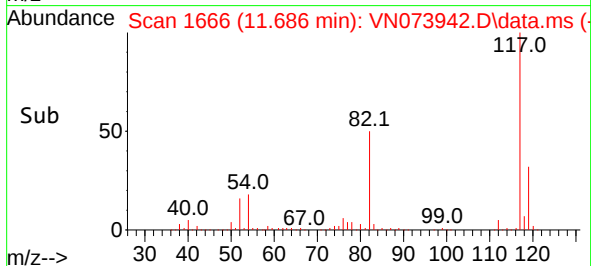
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:117 Resp: 707179
Ion Ratio Lower Upper
117 100
82 49.7 44.2 66.2
119 31.8 25.4 38.0

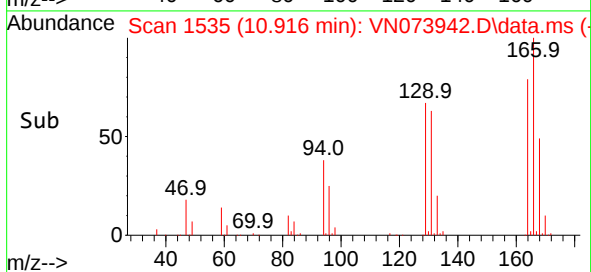
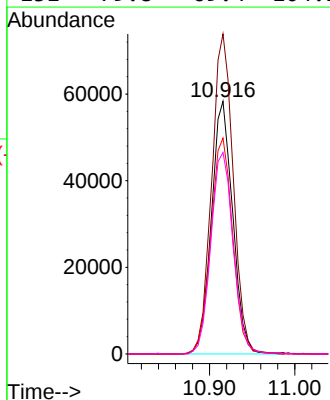
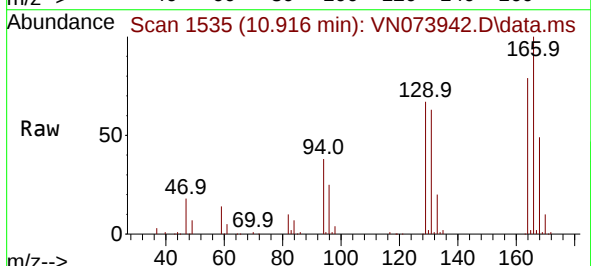
Manual Integrations
APPROVED

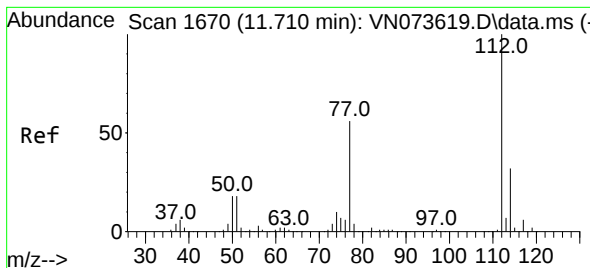
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#64
Tetrachloroethene
Concen: 18.210 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

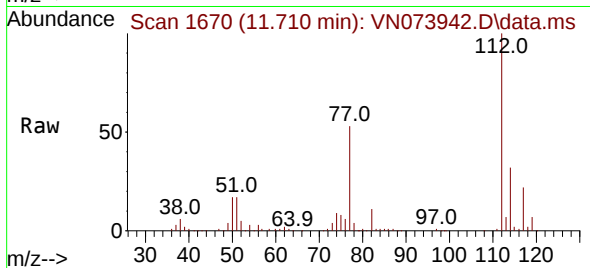
Tgt Ion:164 Resp: 101642
Ion Ratio Lower Upper
164 100
166 126.7 104.2 156.2
129 85.4 73.9 110.9
131 79.8 69.4 104.2





#65
Chlorobenzene
Concen: 18.786 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

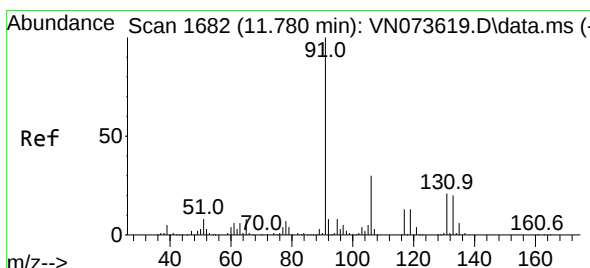
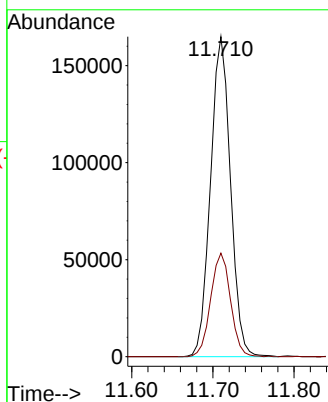
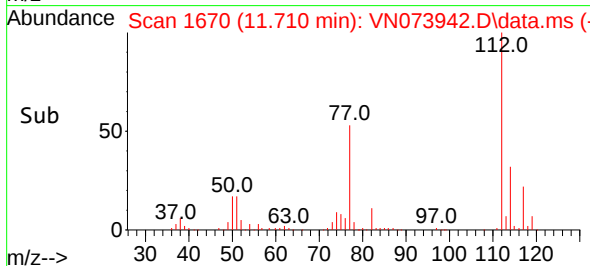
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



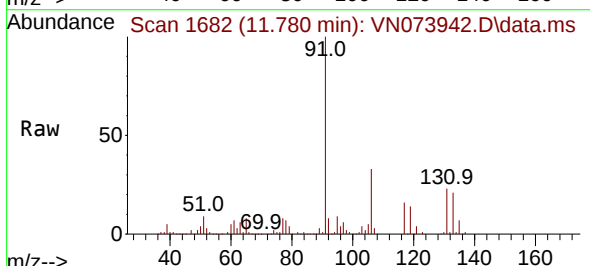
Tgt Ion:112 Resp: 282344
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2

Manual Integrations
APPROVED

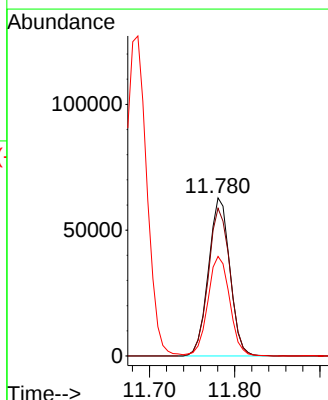
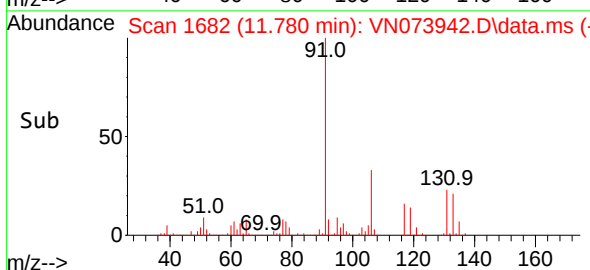
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

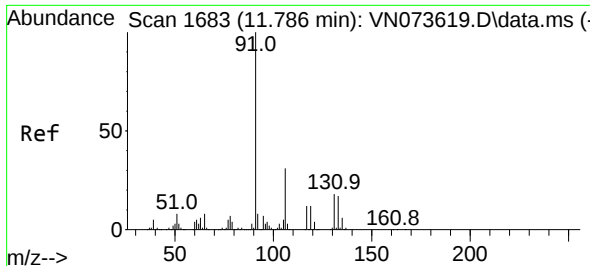


#66
1,1,1,2-Tetrachloroethane
Concen: 19.280 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



Tgt Ion:131 Resp: 109725
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 64.3 33.4 100.2





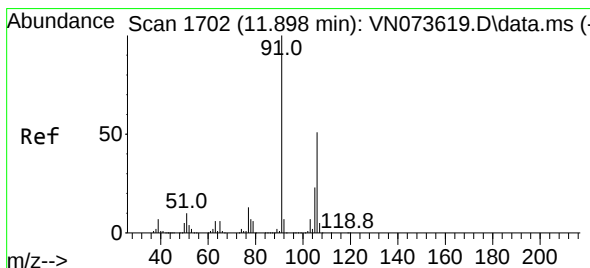
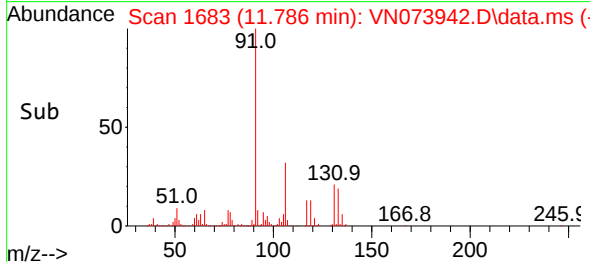
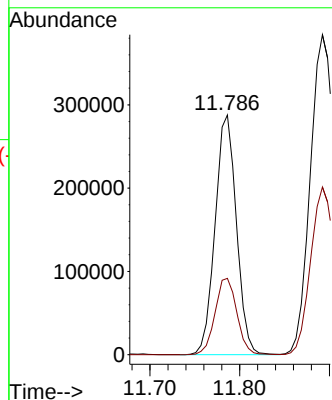
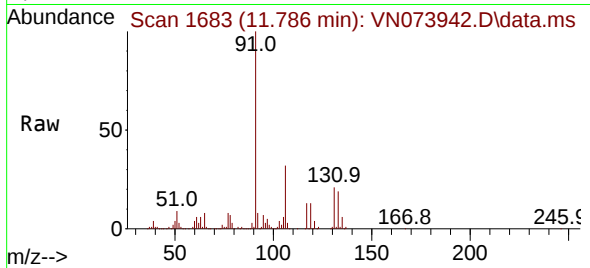
#67
Ethyl Benzene
Concen: 18.997 ug/l
RT: 11.786 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 91 Resp: 474824
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

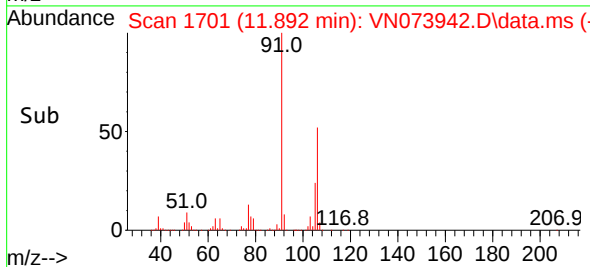
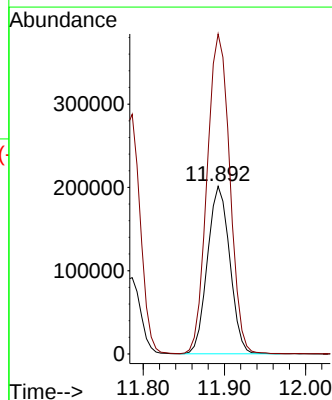
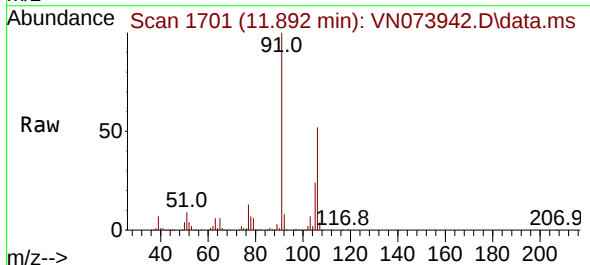
Manual Integrations
APPROVED

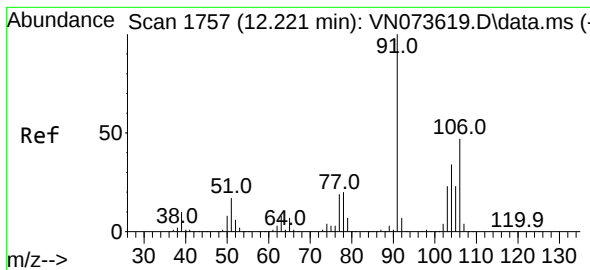
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#68
m/p-Xylenes
Concen: 37.816 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion:106 Resp: 384034
Ion Ratio Lower Upper
106 100
91 194.1 158.9 238.3





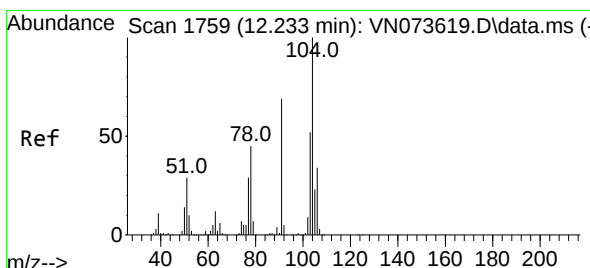
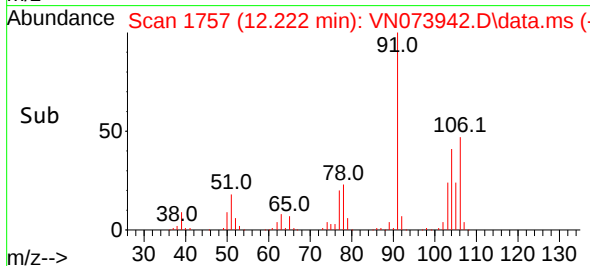
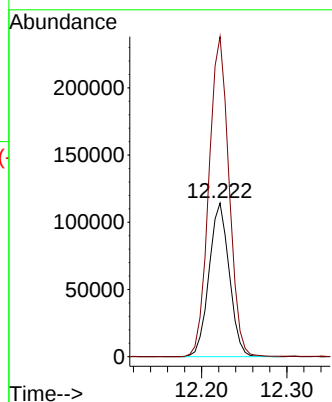
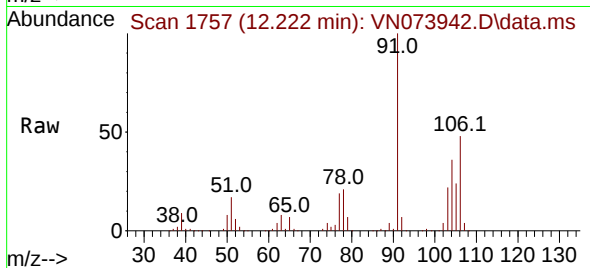
#69
o-Xylene
Concen: 18.456 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion:106 Resp: 187952
Ion Ratio Lower Upper
106 100
91 208.2 106.0 318.0

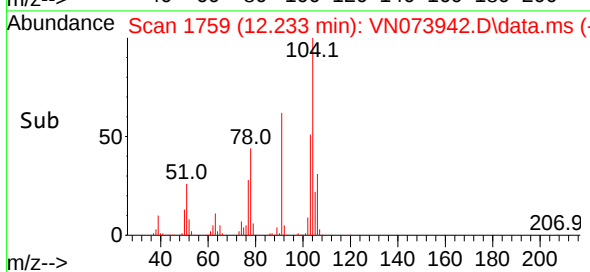
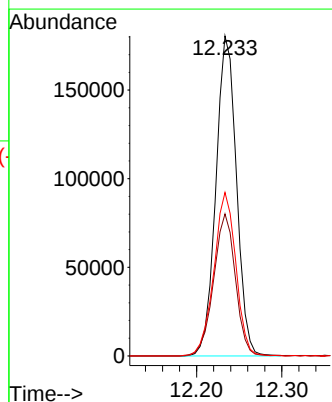
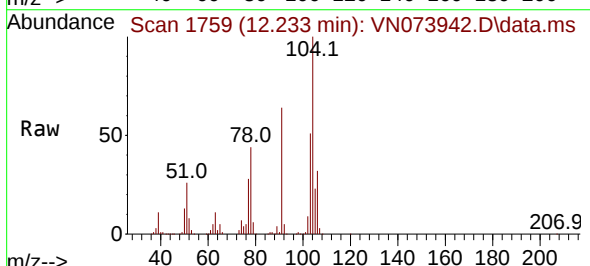
Manual Integrations
APPROVED

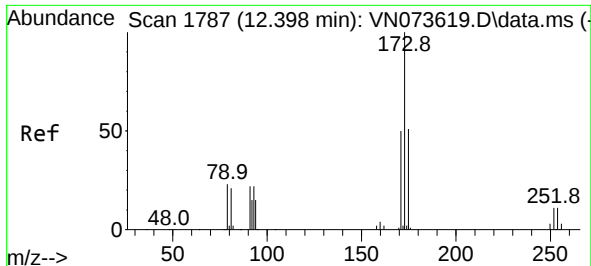
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#70
Styrene
Concen: 18.983 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

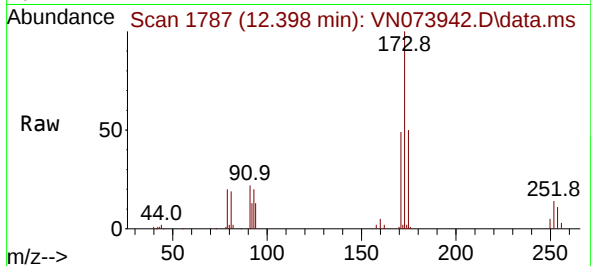
Tgt Ion:104 Resp: 302666
Ion Ratio Lower Upper
104 100
78 47.1 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 18.129 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

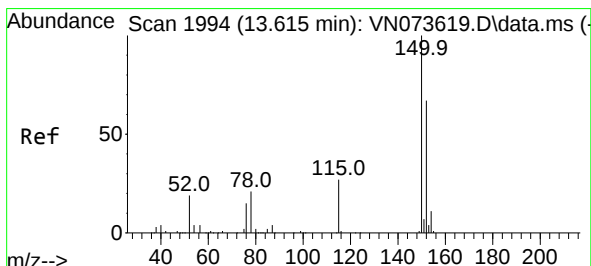
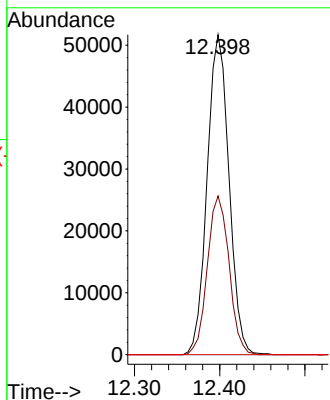
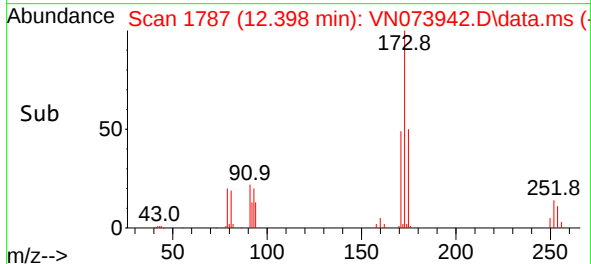
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



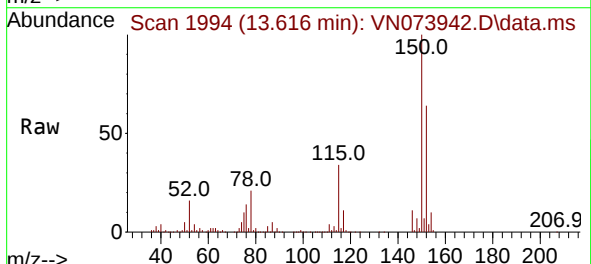
Tgt Ion:173 Resp: 92110
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

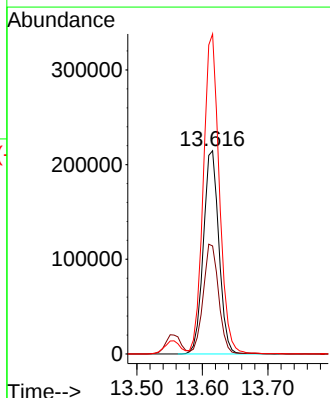
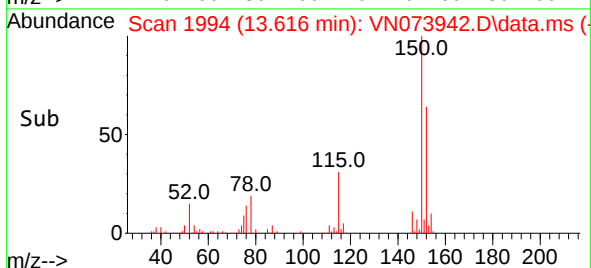
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

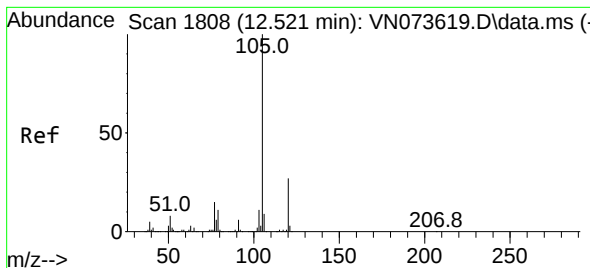


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



Tgt Ion:152 Resp: 354350
Ion Ratio Lower Upper
152 100
115 53.8 28.9 86.7
150 161.6 0.0 356.2





#73

Isopropylbenzene

Concen: 18.816 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.001 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01

Tgt Ion:105 Resp: 485490

Ion Ratio Lower Upper

105 100

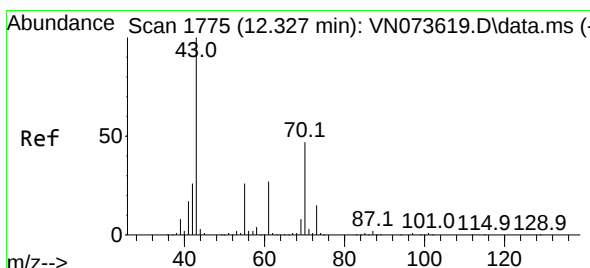
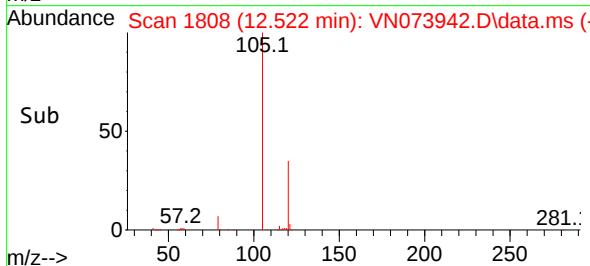
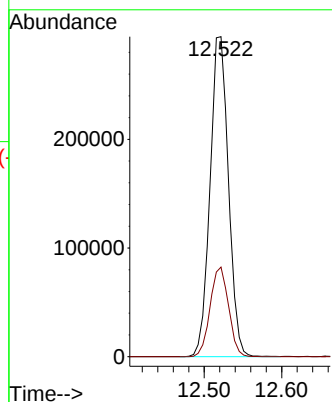
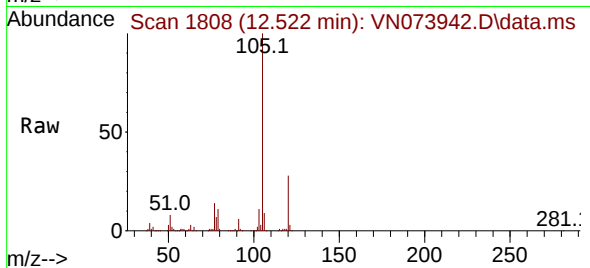
120 27.9 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#74

N-ethyl acetate

Concen: 18.628 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Tgt Ion: 43 Resp: 181709

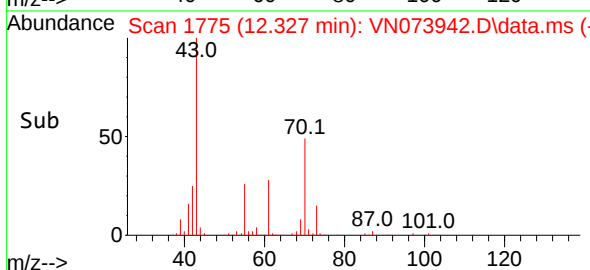
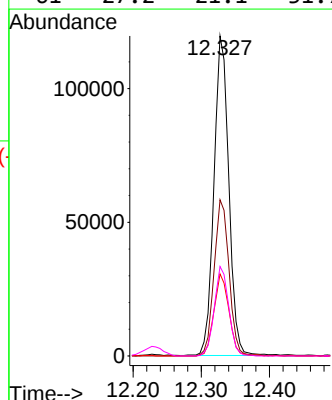
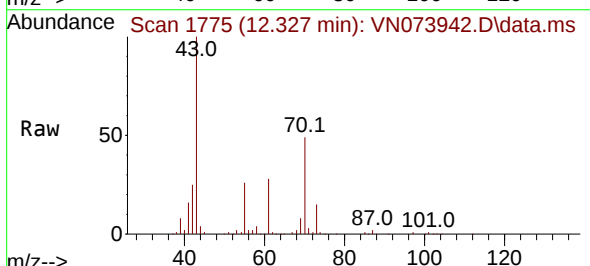
Ion Ratio Lower Upper

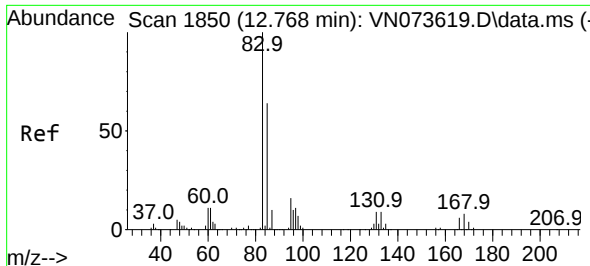
43 100

70 49.2 39.0 58.4

55 25.9 21.1 31.7

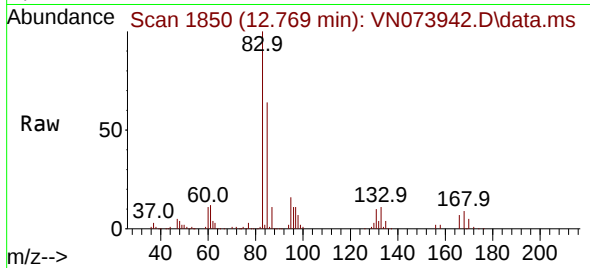
61 27.2 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.489 ug/l
 RT: 12.769 min Scan# 1850
 Delta R.T. 0.001 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

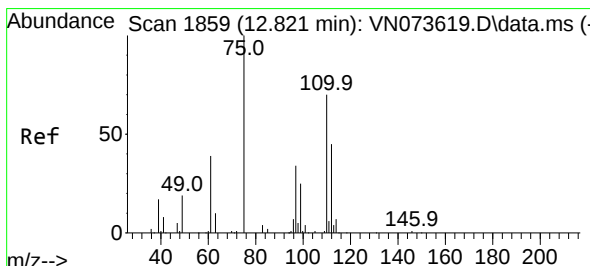
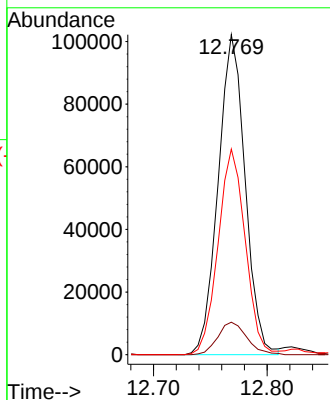
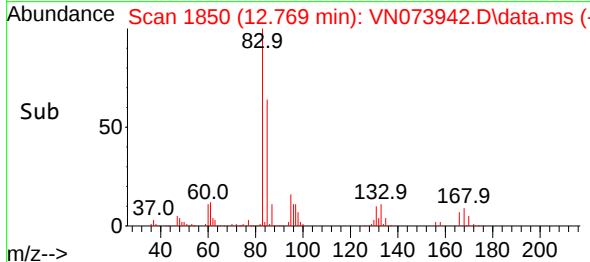
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01



Tgt Ion: 83 Resp: 168748
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.3 15.9
 85 64.7 32.3 96.9

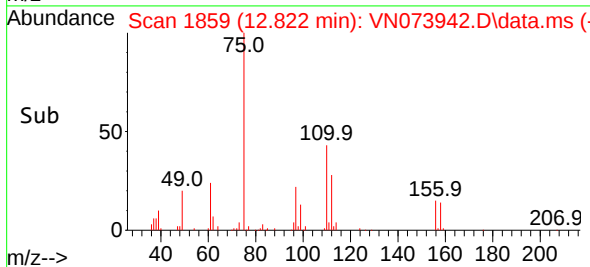
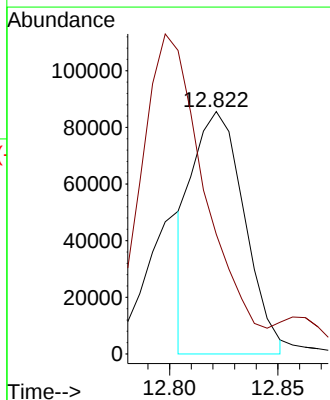
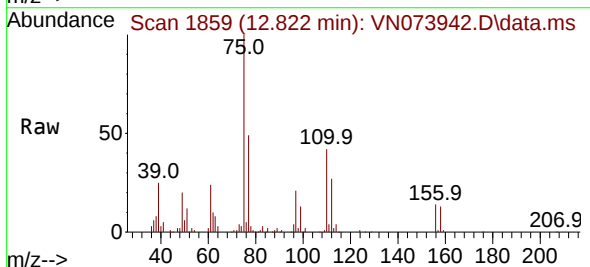
Manual Integrations
 APPROVED

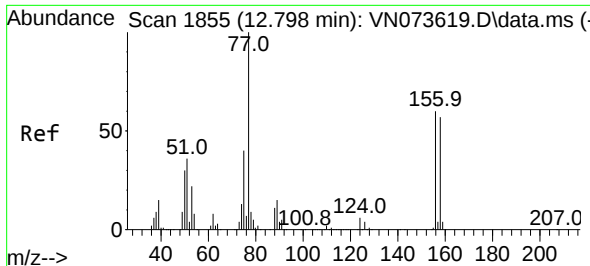
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022



#76
 1,2,3-Trichloropropane
 Concen: 19.505 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.001 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

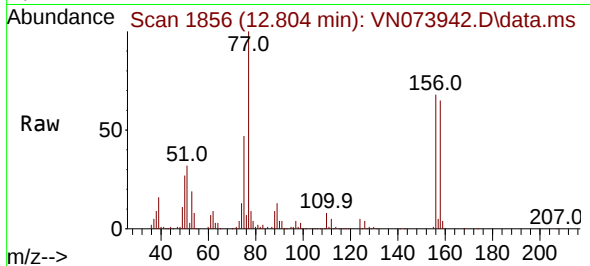
Tgt Ion: 75 Resp: 143658
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 18.587 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

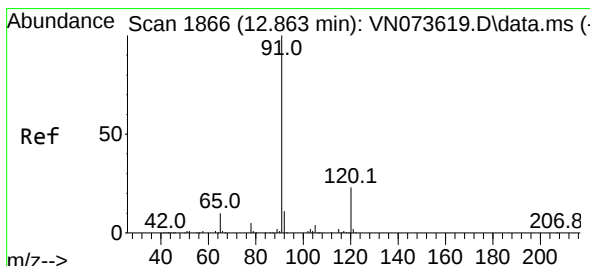
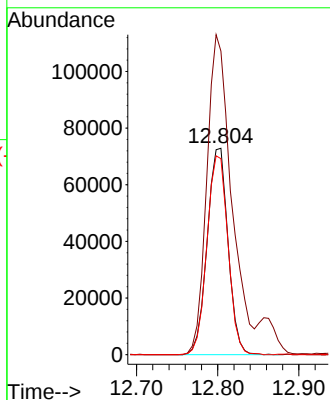
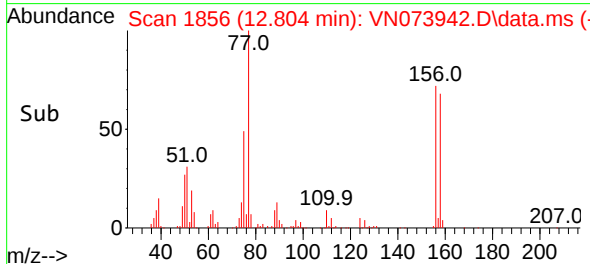
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:156 Resp: 129814
Ion Ratio Lower Upper
156 100
77 183.1 100.5 301.5
158 97.5 48.9 146.6

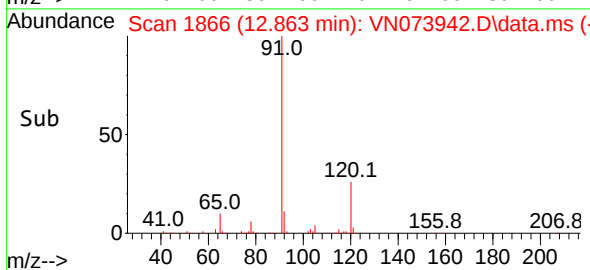
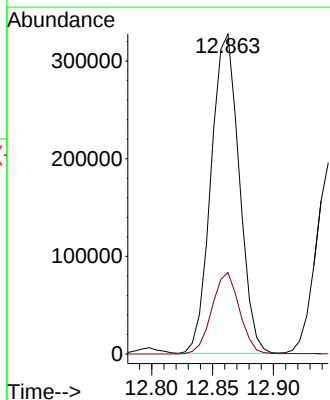
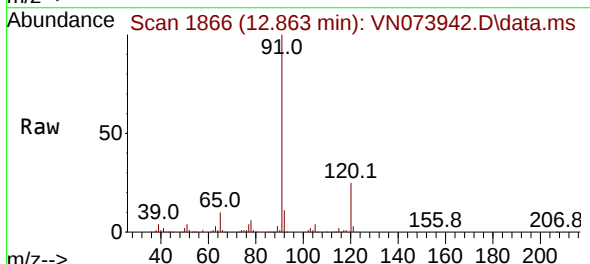
Manual Integrations
APPROVED

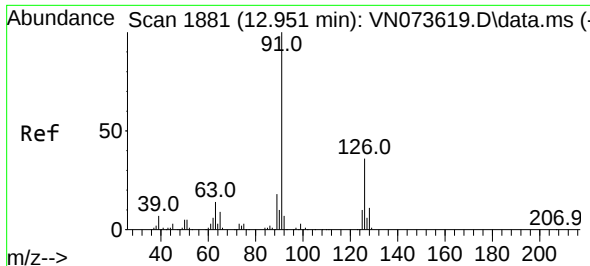
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#78
n-propylbenzene
Concen: 19.140 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion: 91 Resp: 526442
Ion Ratio Lower Upper
91 100
120 24.9 11.9 35.5





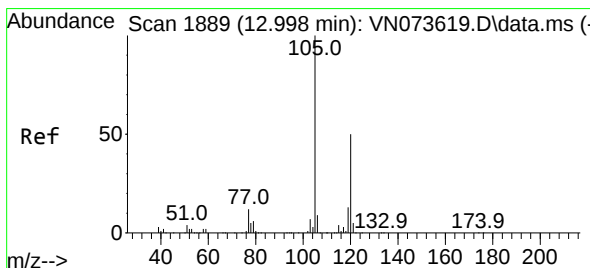
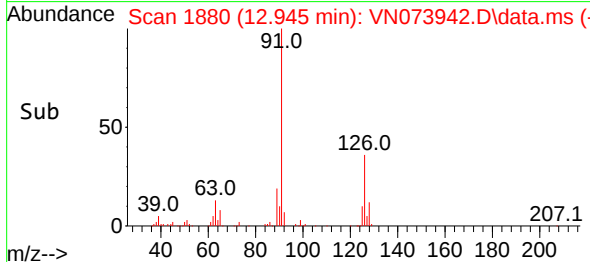
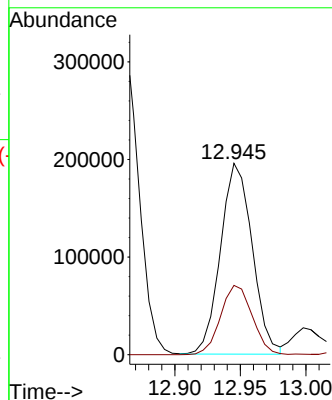
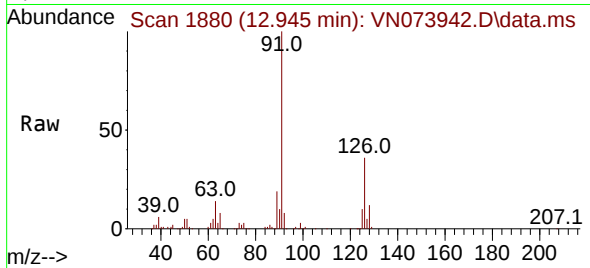
#79
2-Chlorotoluene
Concen: 19.221 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 91 Resp: 329454
Ion Ratio Lower Upper
91 100
126 36.3 17.3 51.9

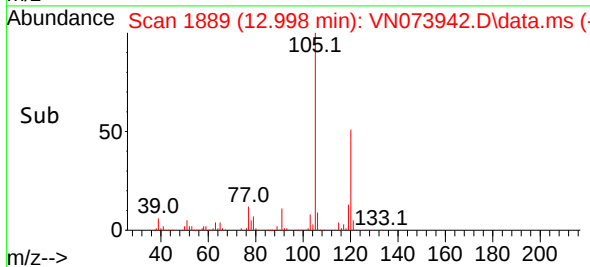
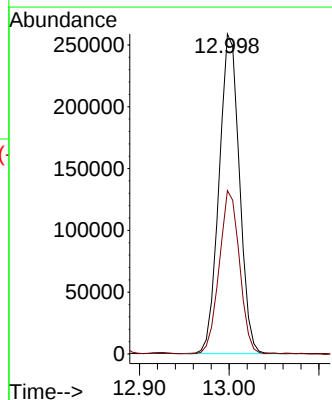
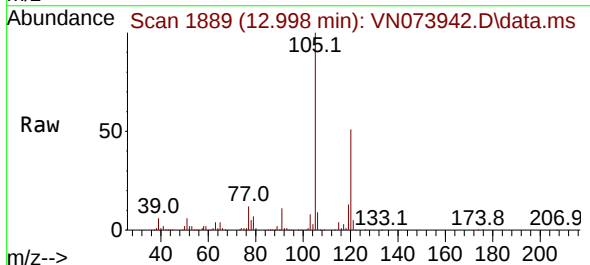
Manual Integrations
APPROVED

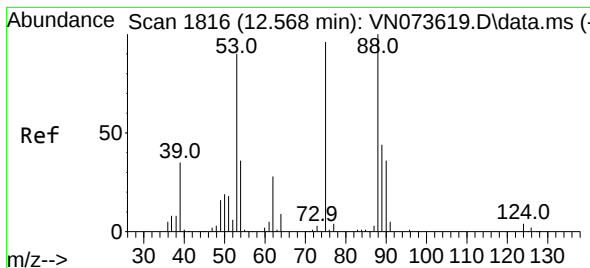
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.403 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion:105 Resp: 407229
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7





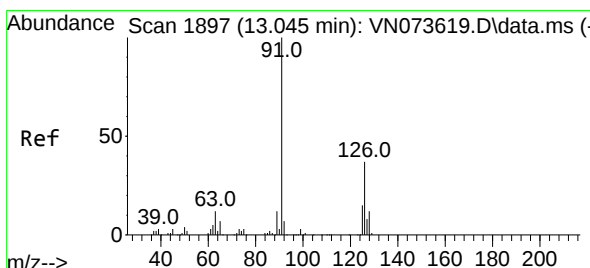
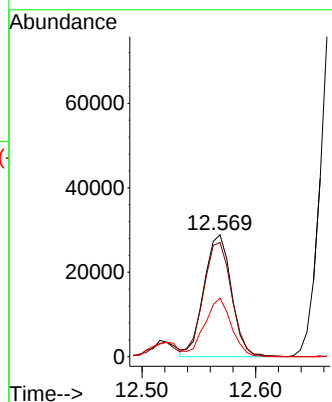
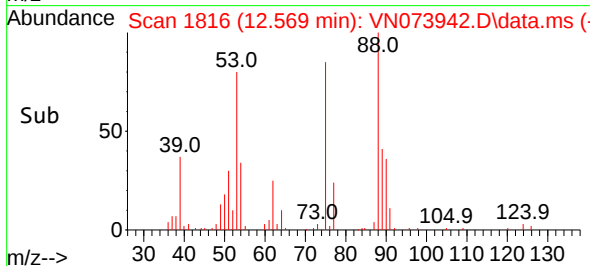
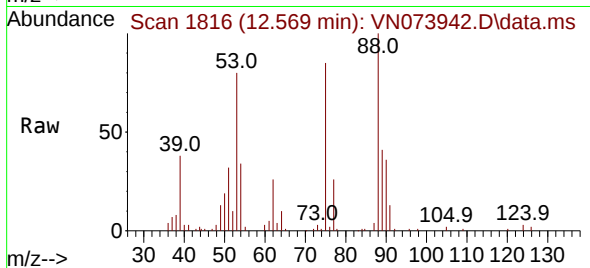
#81
trans-1,4-Dichloro-2-butene
Concen: 18.757 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.001 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01

Tgt Ion: 75 Resp: 48572
Ion Ratio Lower Upper
75 100
53 96.6 78.0 117.0
89 46.1 37.2 55.8

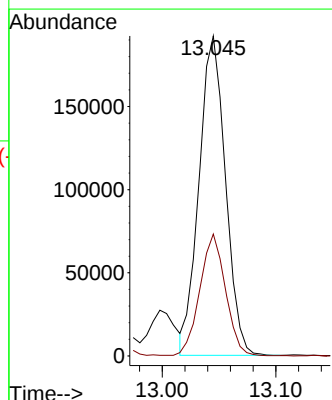
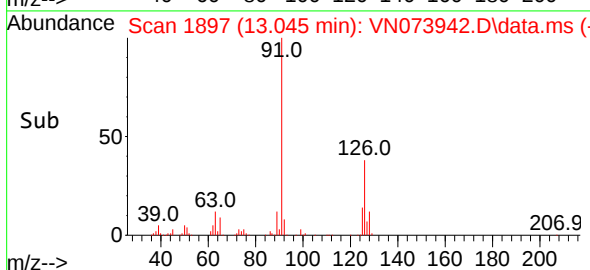
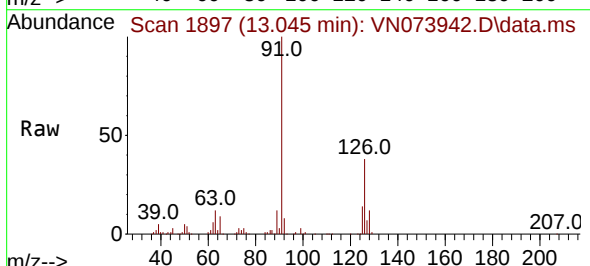
Manual Integrations
APPROVED

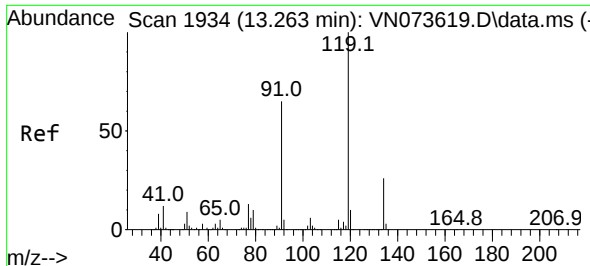
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#82
4-Chlorotoluene
Concen: 19.082 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

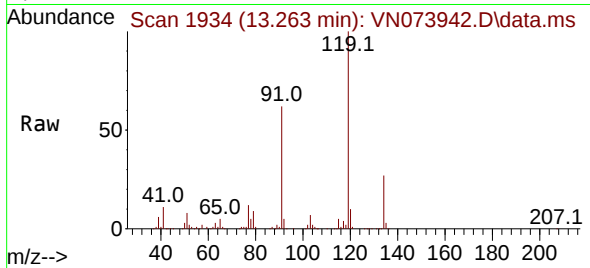
Tgt Ion: 91 Resp: 310641
Ion Ratio Lower Upper
91 100
126 37.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 18.870 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

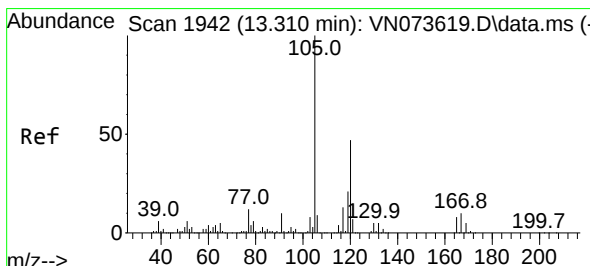
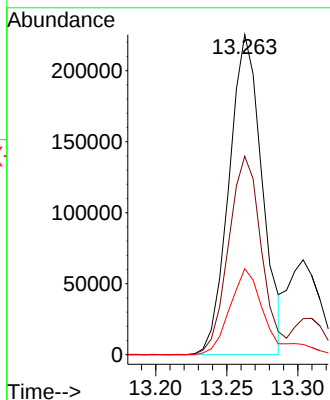
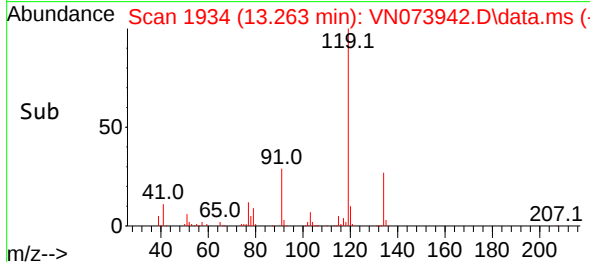
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



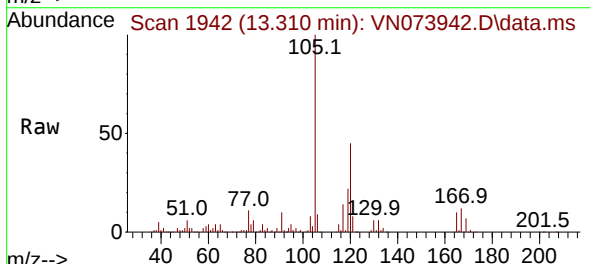
Tgt Ion:119 Resp: 364436
Ion Ratio Lower Upper
119 100
91 62.2 31.6 94.8
134 29.0 13.7 41.1

Manual Integrations
APPROVED

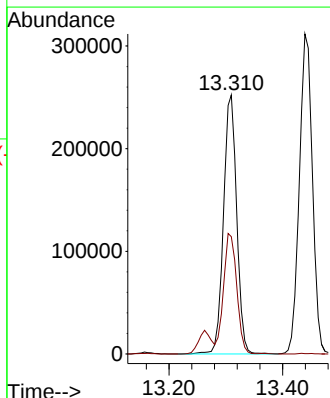
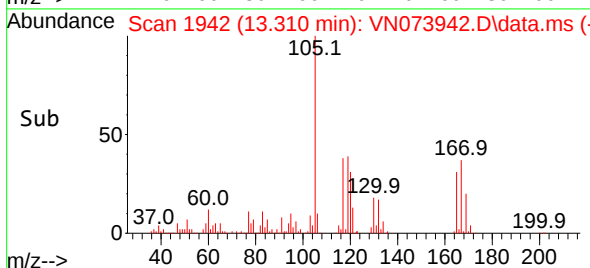
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

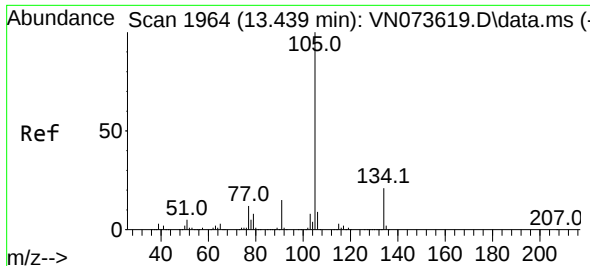


#84
1,2,4-Trimethylbenzene
Concen: 19.484 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



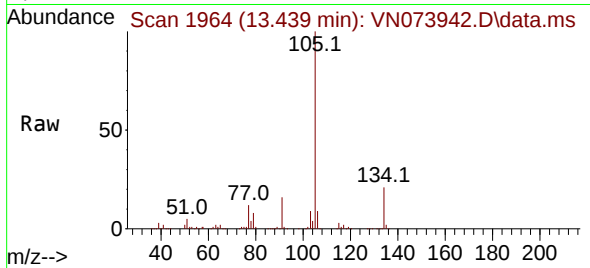
Tgt Ion:105 Resp: 408354
Ion Ratio Lower Upper
105 100
120 46.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.875 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

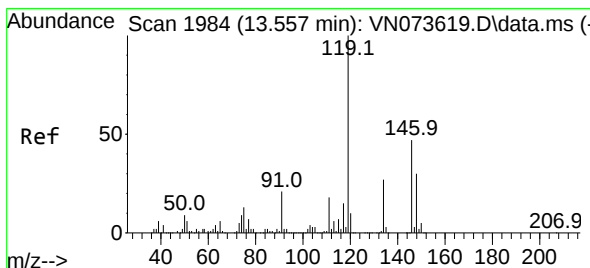
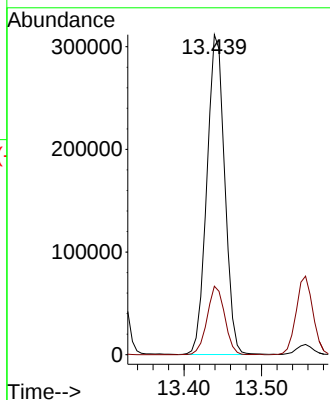
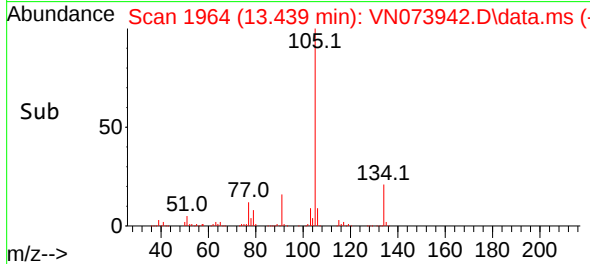
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBSD01



Tgt Ion:105 Resp: 497550
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

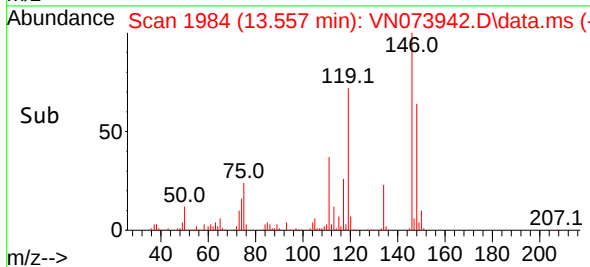
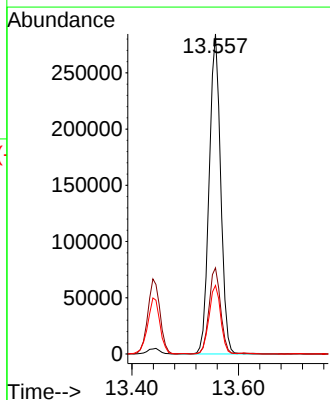
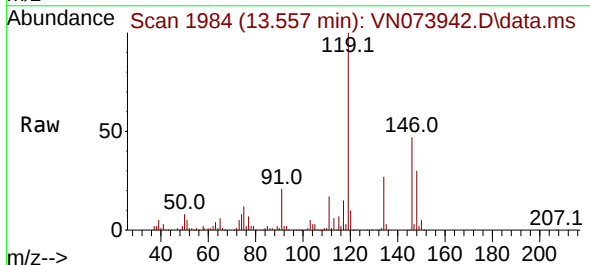
Manual Integrations
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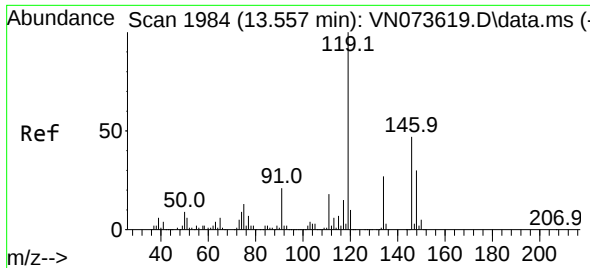
Reviewed By :John Carlone 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022



#86
 p-Isopropyltoluene
 Concen: 19.935 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073942.D
 Acq: 16 Aug 2022 12:30

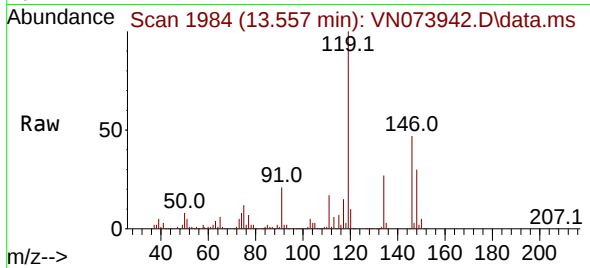
Tgt Ion:119 Resp: 425168
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 21.9 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.874 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

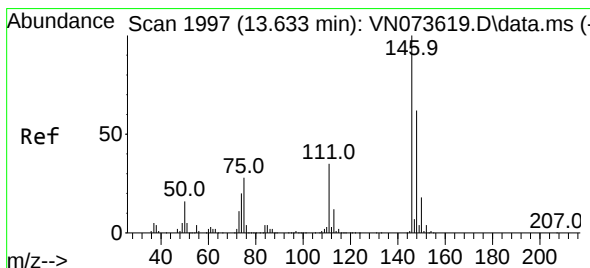
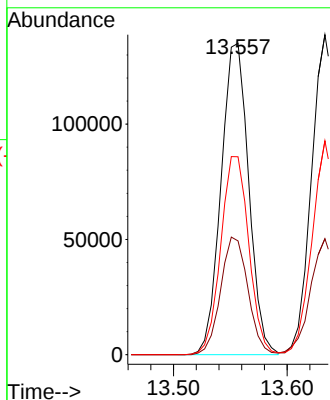
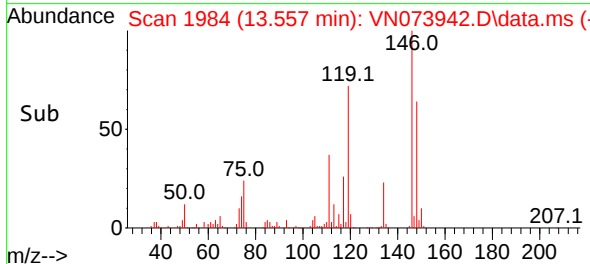
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



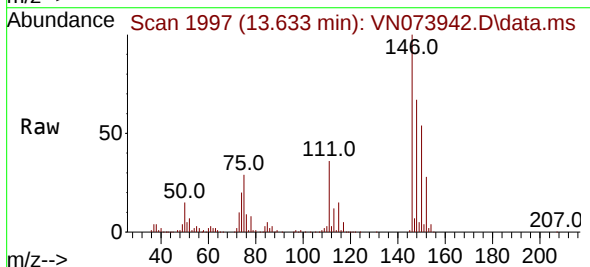
Tgt Ion:146 Resp: 228600
Ion Ratio Lower Upper
146 100
111 37.4 20.0 60.0
148 64.6 32.0 96.0

Manual Integrations
APPROVED

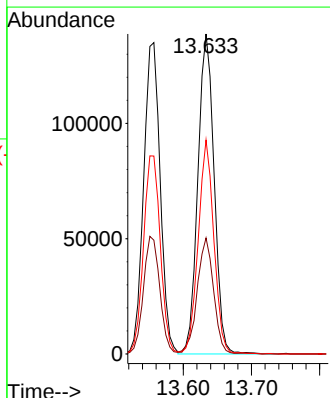
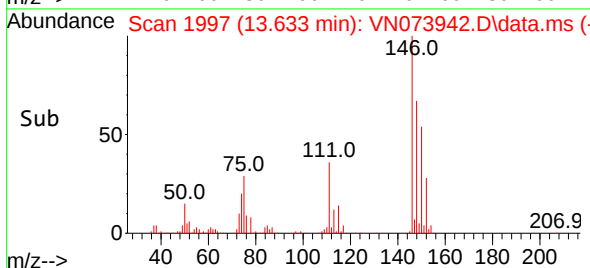
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

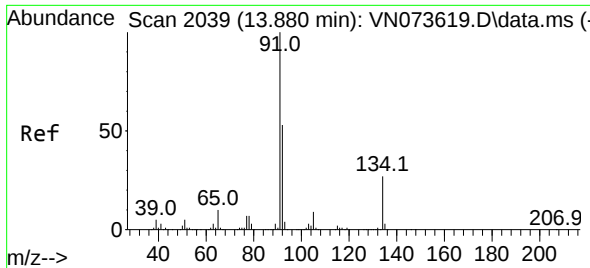


#88
1,4-Dichlorobenzene
Concen: 18.777 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30



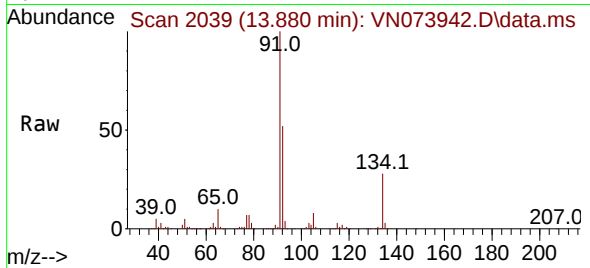
Tgt Ion:146 Resp: 230478
Ion Ratio Lower Upper
146 100
111 36.1 19.1 57.1
148 64.5 31.4 94.3





#89
n-Butylbenzene
Concen: 18.799 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

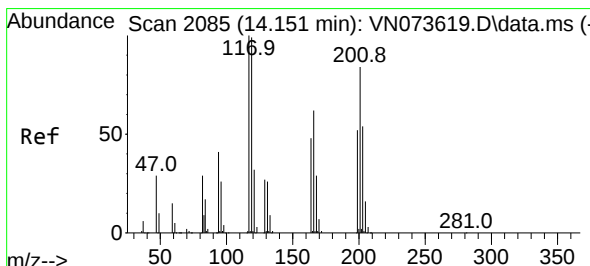
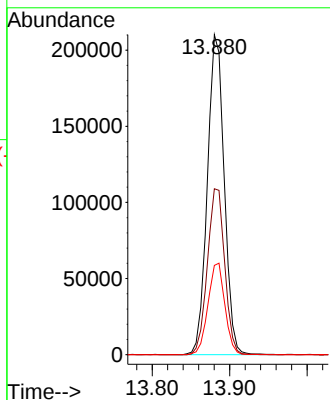
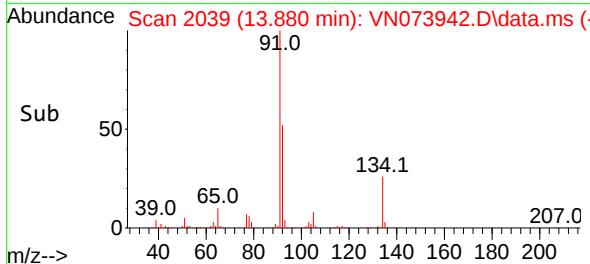
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion: 91 Resp: 31756
Ion Ratio Lower Upper
91 100
92 53.3 26.9 80.7
134 28.7 13.6 40.8

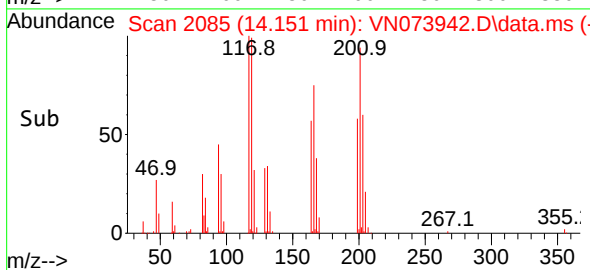
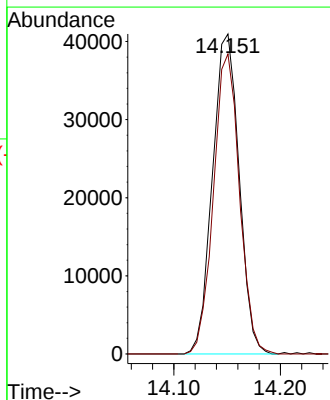
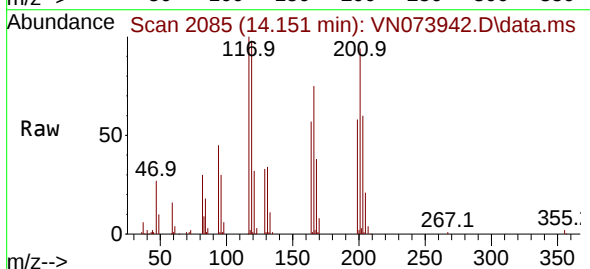
Manual Integrations
APPROVED

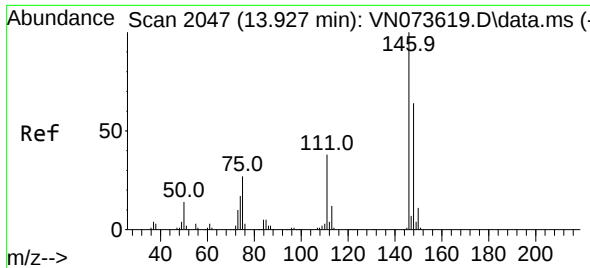
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#90
Hexachloroethane
Concen: 18.229 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

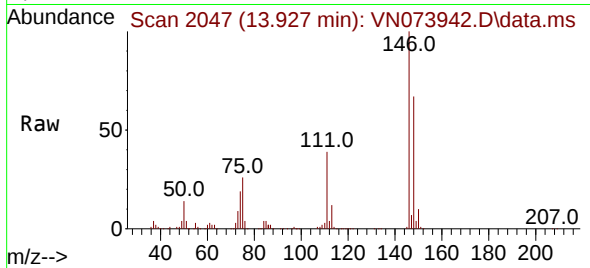
Tgt Ion:117 Resp: 71065
Ion Ratio Lower Upper
117 100
201 91.5 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.009 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

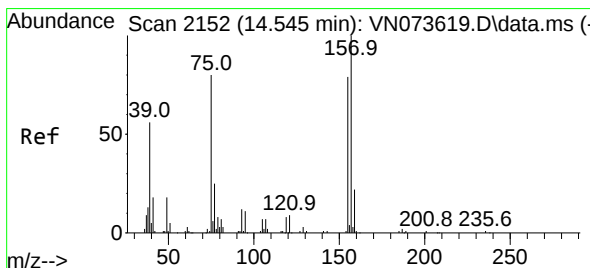
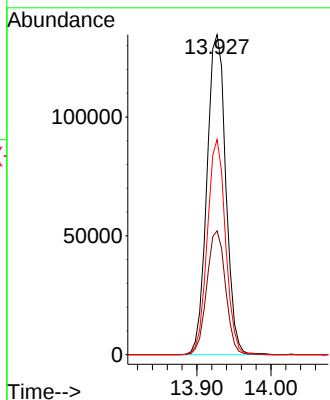
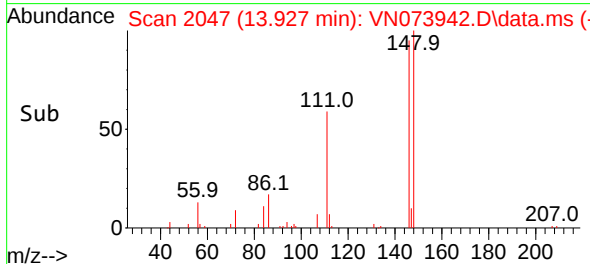
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBSD01



Tgt Ion:146 Resp: 237752
Ion Ratio Lower Upper
146 100
111 38.5 20.9 62.8
148 64.9 32.1 96.3

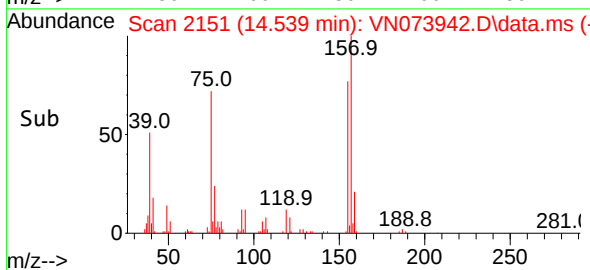
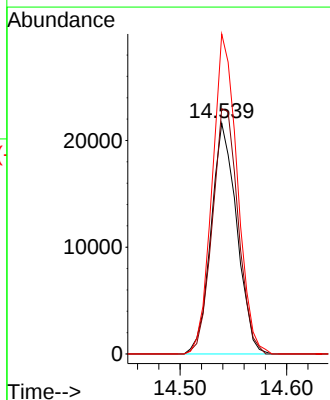
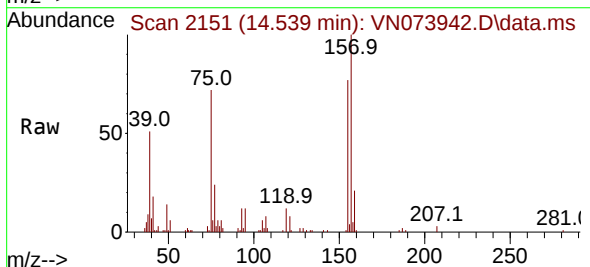
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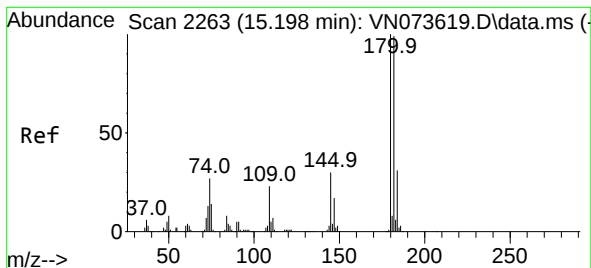
Reviewed By :John Carlone 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.655 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073942.D
Acq: 16 Aug 2022 12:30

Tgt Ion: 75 Resp: 36095
Ion Ratio Lower Upper
75 100
155 107.0 44.9 134.5
157 135.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.955 ug/l

RT: 15.198 min Scan# 2263

Delta R.T. -0.000 min

Lab File: VN073942.D

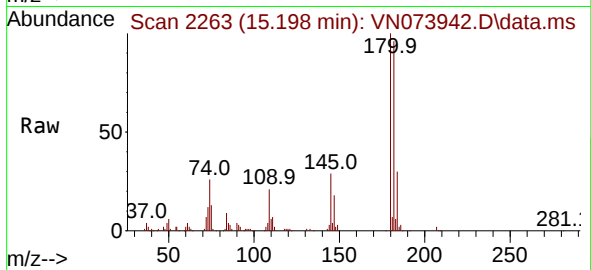
Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01



Tgt Ion:180 Resp: 144290

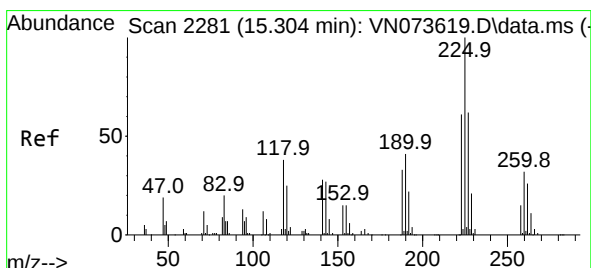
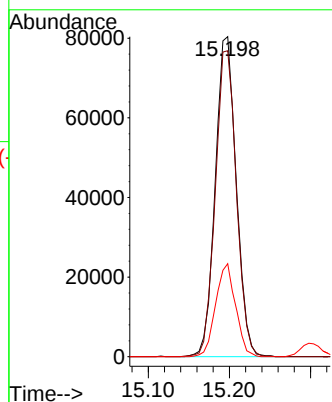
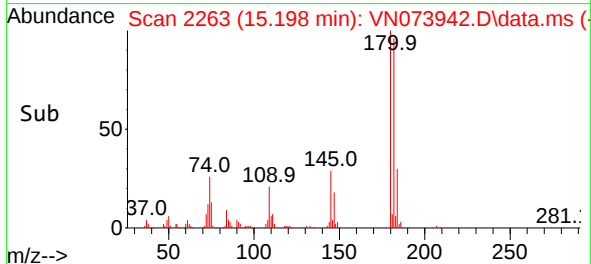
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.5
145	27.6	14.5	43.5

Manual Integrations

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Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#94

Hexachlorobutadiene

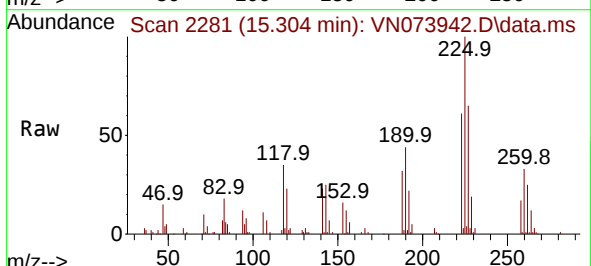
Concen: 19.061 ug/l

RT: 15.304 min Scan# 2281

Delta R.T. -0.000 min

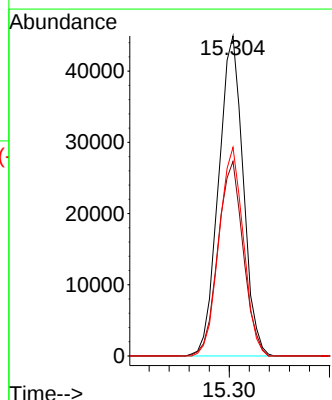
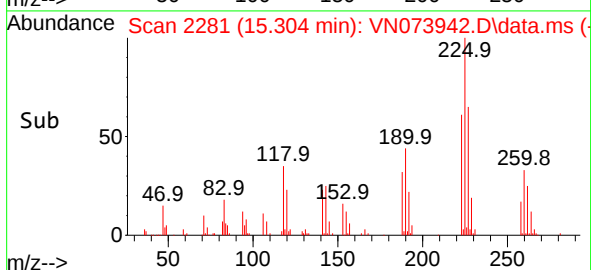
Lab File: VN073942.D

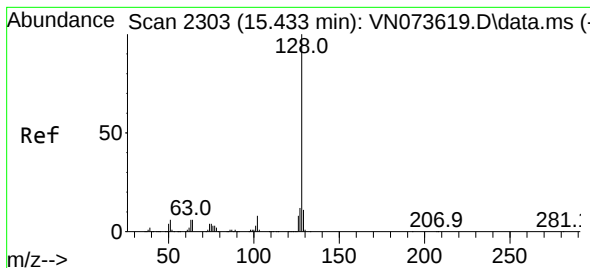
Acq: 16 Aug 2022 12:30



Tgt Ion:225 Resp: 76487

Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.4	97.2
227	64.6	31.8	95.4





#95

Naphthalene

Concen: 19.233 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN073942.D

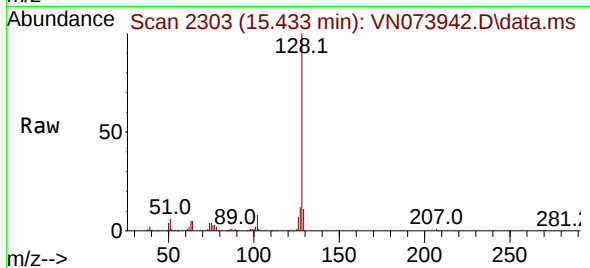
Acq: 16 Aug 2022 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBSD01



Tgt Ion:128 Resp: 477300

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

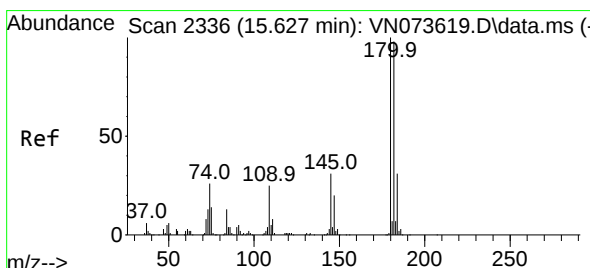
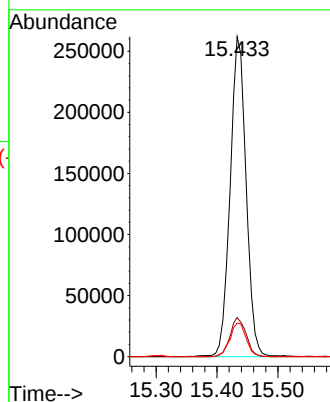
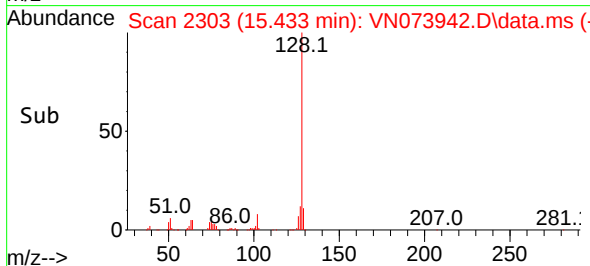
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/17/2022

Supervised By :Mahesh Dadoda 08/17/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.511 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VN073942.D

Acq: 16 Aug 2022 12:30

Tgt Ion:180 Resp: 153519

Ion Ratio Lower Upper

180 100

182 93.8 47.8 143.3

145 28.9 15.5 46.5

