

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081022\
 Data File : VN073812.D
 Acq On : 10 Aug 2022 21:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 10 22:57:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	410230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	652394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	604773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	325814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	240906	48.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.380%		
35) Dibromofluoromethane	7.951	113	213643	52.151	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.300%		
50) Toluene-d8	10.380	98	806274	50.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.020%		
62) 4-Bromofluorobenzene	12.669	95	283669	50.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	221966	55.785	ug/l	97
3) Chloromethane	2.263	50	258808	54.336	ug/l	99
4) Vinyl Chloride	2.405	62	333831	47.971	ug/l	99
5) Bromomethane	2.775	94	166877	41.348	ug/l	96
6) Chloroethane	2.940	64	215757	53.298	ug/l	96
7) Trichlorofluoromethane	3.304	101	453317	63.207	ug/l	99
8) Diethyl Ether	3.763	74	141178	52.425	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.128	101	204845	51.625	ug/l	98
10) Methyl Iodide	4.340	142	246700	61.157	ug/l	99
11) Tert butyl alcohol	5.298	59	298042	276.432	ug/l	100
12) 1,1-Dichloroethene	4.104	96	201966	51.891	ug/l	94
13) Acrolein	3.975	56	283220	264.965	ug/l	98
14) Allyl chloride	4.751	41	306486	49.253	ug/l	100
15) Acrylonitrile	5.475	53	790738	265.132	ug/l	100
16) Acetone	4.222	43	668212	248.852	ug/l	99
17) Carbon Disulfide	4.451	76	538543	52.184	ug/l	100
18) Methyl Acetate	4.775	43	356827	53.414	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	723486	54.411	ug/l	98
20) Methylene Chloride	5.010	84	245666	56.856	ug/l	96
21) trans-1,2-Dichloroethene	5.510	96	220890	52.428	ug/l	95
22) Diisopropyl ether	6.410	45	701365	52.243	ug/l	98
23) Vinyl Acetate	6.351	43	3146221	279.522	ug/l	99
24) 1,1-Dichloroethane	6.304	63	412120	49.899	ug/l	98
25) 2-Butanone	7.263	43	1073927	257.536	ug/l	99
26) 2,2-Dichloropropane	7.245	77	205452	32.333	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	267627	51.555	ug/l	92
28) Bromochloromethane	7.587	49	163704	47.206	ug/l	99
29) Tetrahydrofuran	7.610	42	696748	264.271	ug/l	99
30) Chloroform	7.745	83	434086	50.445	ug/l	100
31) Cyclohexane	8.022	56	358184	48.124	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	374303	52.387	ug/l	98
36) 1,1-Dichloropropene	8.151	75	309949	53.085	ug/l	99
37) Ethyl Acetate	7.339	43	421070	54.760	ug/l	99
38) Carbon Tetrachloride	8.134	117	319870	53.941	ug/l	99
39) Methylcyclohexane	9.398	83	383376	54.948	ug/l	96
40) Benzene	8.386	78	989595	52.194	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	191873	55.145	ug/l	94
42) 1,2-Dichloroethane	8.463	62	330427	51.711	ug/l	99
43) Isopropyl Acetate	8.498	43	585196	56.345	ug/l	99
44) Trichloroethene	9.151	130	255169	53.072	ug/l	97
45) 1,2-Dichloropropane	9.428	63	244706	51.636	ug/l	98
46) Dibromomethane	9.516	93	175302	53.297	ug/l	98
47) Bromodichloromethane	9.698	83	336799	53.352	ug/l	98
48) Methyl methacrylate	9.498	41	263333	57.924	ug/l	93
49) 1,4-Dioxane	9.504	88	150082	1171.134	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	2069701	277.844	ug/l	99
52) Toluene	10.445	92	641923	55.429	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	342456	54.912	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	373716	53.177	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	261655	54.181	ug/l	98
56) Ethyl methacrylate	10.704	69	414050	62.207	ug/l	99
57) 1,3-Dichloropropane	10.986	76	438289	53.492	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	845703	240.499	ug/l	99
59) 2-Hexanone	11.027	43	1628666	288.578	ug/l	99
60) Dibromochloromethane	11.180	129	278391	57.945	ug/l	99
61) 1,2-Dibromoethane	11.286	107	276559	55.603	ug/l	99
64) Tetrachloroethene	10.916	164	224145	46.636	ug/l	98
65) Chlorobenzene	11.710	112	697430	54.292	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	261992	56.862	ug/l	98
67) Ethyl Benzene	11.786	91	1230511	56.780	ug/l	100
68) m/p-Xylenes	11.892	106	961873	116.371	ug/l	100
69) o-Xylene	12.222	106	480759	59.660	ug/l	97
70) Styrene	12.233	104	791286	61.342	ug/l	97
71) Bromoform	12.398	173	228513	60.086	ug/l	100
73) Isopropylbenzene	12.522	105	1222542	51.259	ug/l	100
74) N-amyl acetate	12.333	43	490918	54.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	430859	46.814	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	317073m	53.338	ug/l	
77) Bromobenzene	12.804	156	320130	51.542	ug/l	94
78) n-propylbenzene	12.863	91	1388822	51.752	ug/l	100
79) 2-Chlorotoluene	12.951	91	836808	49.961	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	1022919	52.117	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	113853	45.285	ug/l	99
82) 4-Chlorotoluene	13.045	91	810954	51.085	ug/l	97
83) tert-Butylbenzene	13.263	119	916016	52.690	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1027195	53.224	ug/l	100
85) sec-Butylbenzene	13.439	105	1286944	53.560	ug/l	98
86) p-Isopropyltoluene	13.557	119	1093898	57.750	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	554820	48.938	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	546511	48.179	ug/l	98
89) n-Butylbenzene	13.880	91	857282	55.624	ug/l	99
90) Hexachloroethane	14.151	117	191553	50.969	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	566505	49.311	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	96557	52.216	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	340877	59.750	ug/l	99
94) Hexachlorobutadiene	15.304	225	167024	53.852	ug/l	99
95) Naphthalene	15.433	128	1561635	84.352	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	351098	58.473	ug/l	99

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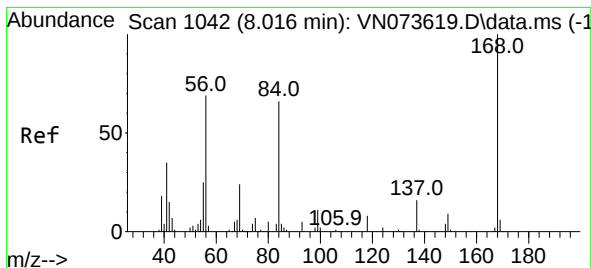
Manual Integrations
APPROVED

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Quant Time: Aug 10 22:57:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

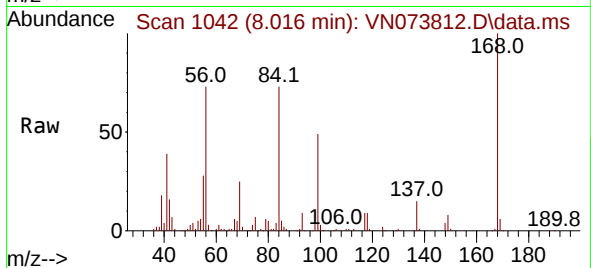
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073812.D
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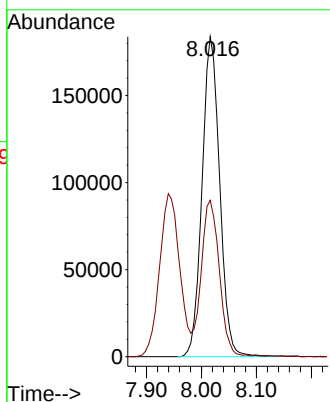
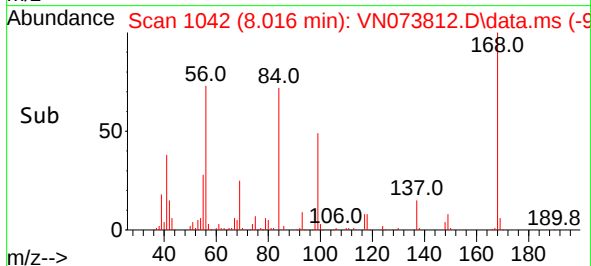
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 410230
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5

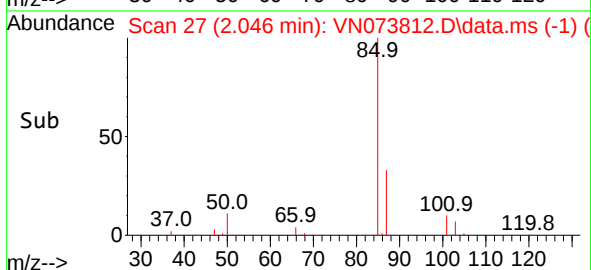
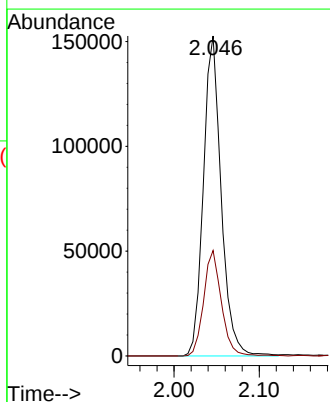
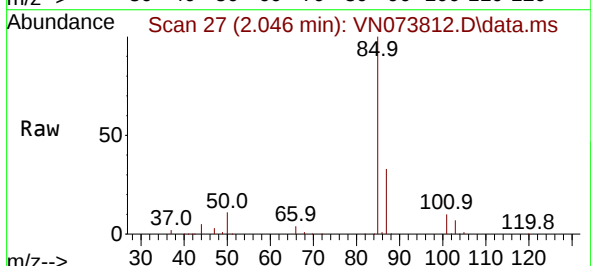
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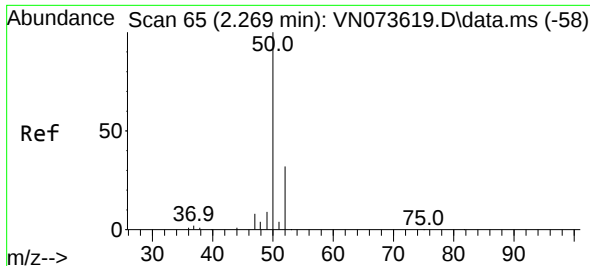
Reviewed By :John Carlone 08/11/2022
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#2
Dichlorodifluoromethane
Concen: 55.785 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

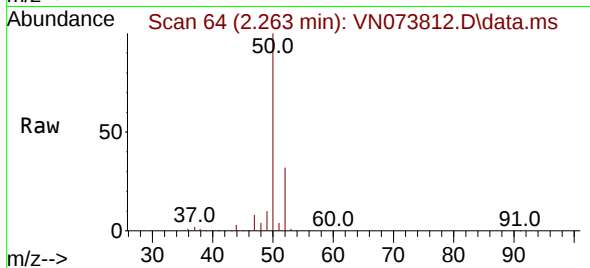
Tgt Ion: 85 Resp: 221966
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.1





#3
Chloromethane
Concen: 54.336 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

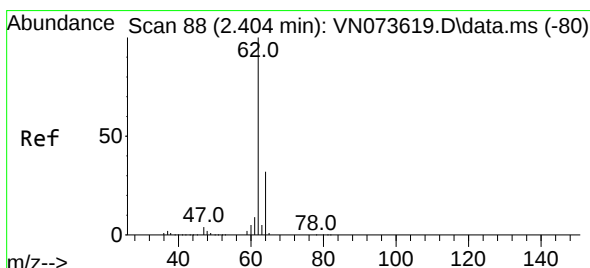
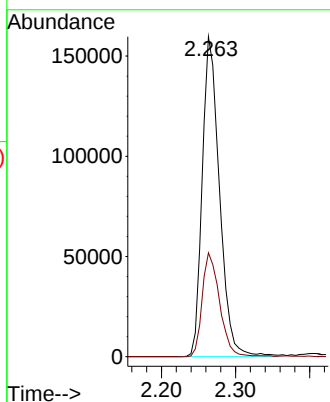
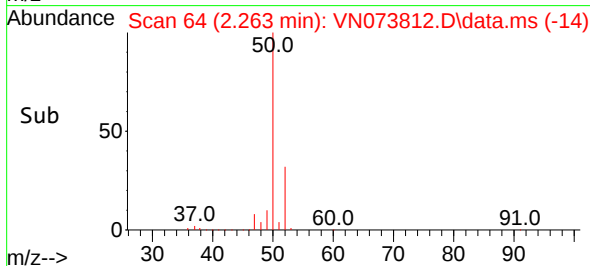
Instrument :
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Tgt Ion: 50 Resp: 258808
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5

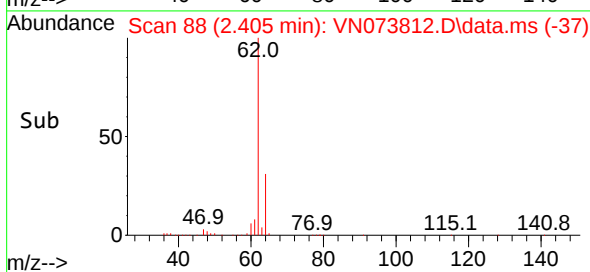
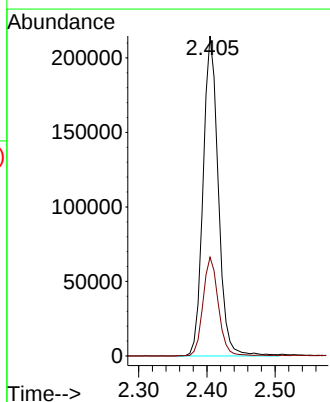
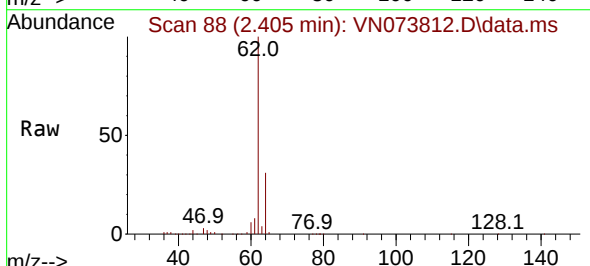
Manual Integrations
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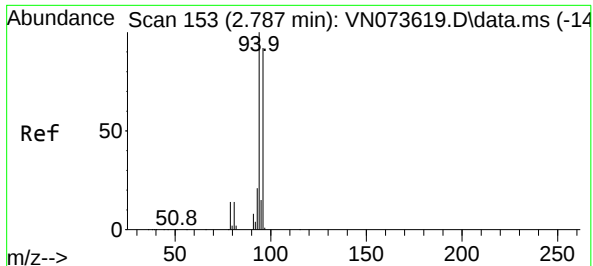
Reviewed By :John Carlone 08/11/2022
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#4
Vinyl Chloride
Concen: 47.971 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

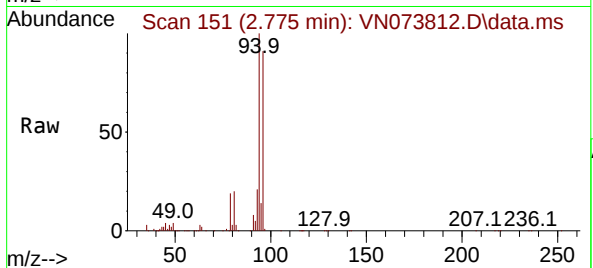
Tgt Ion: 62 Resp: 333831
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4





#5
Bromomethane
Concen: 41.348 ug/l
RT: 2.775 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

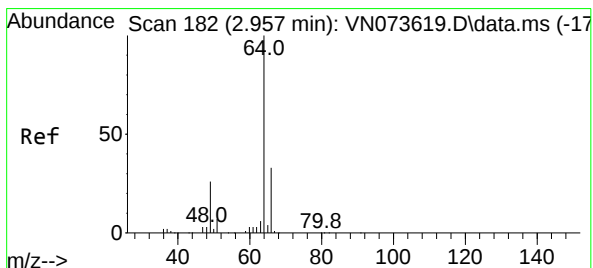
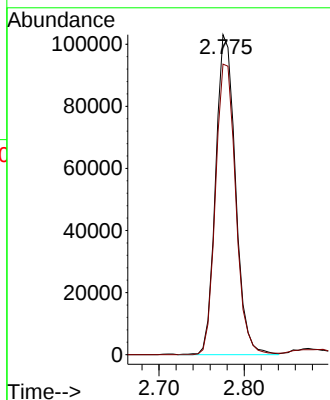
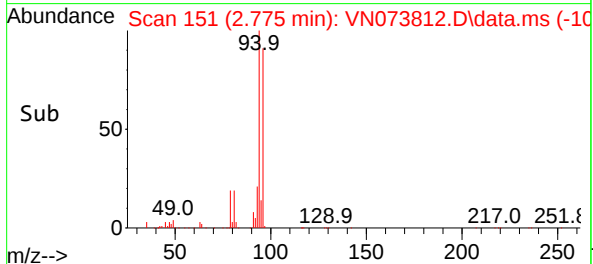
Instrument :
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Tgt Ion: 94 Resp: 16687
Ion Ratio Lower Upper
94 100
96 90.8 76.0 114.0

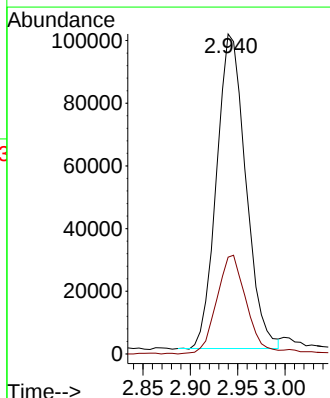
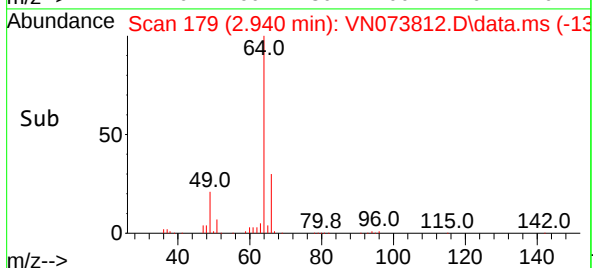
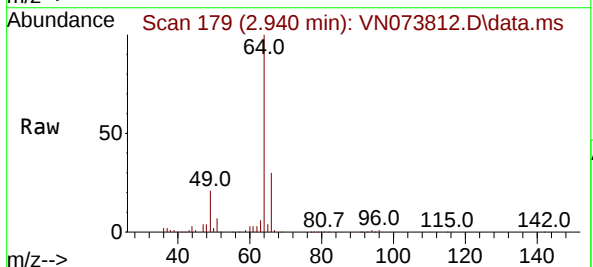
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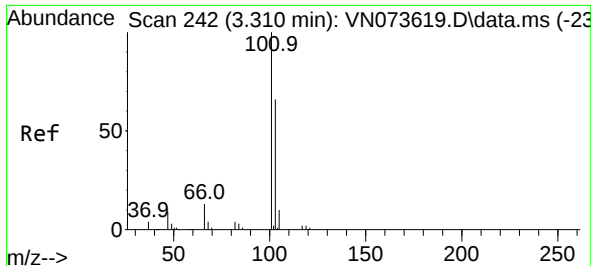
Reviewed By :John Carlone 08/11/2022
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#6
Chloroethane
Concen: 53.298 ug/l
RT: 2.940 min Scan# 179
Delta R.T. -0.017 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

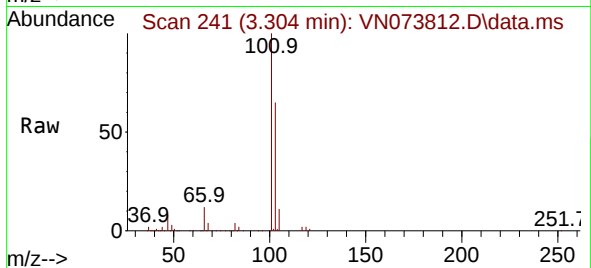
Tgt Ion: 64 Resp: 215757
Ion Ratio Lower Upper
64 100
66 30.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 63.207 ug/l
RT: 3.304 min Scan# 242
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

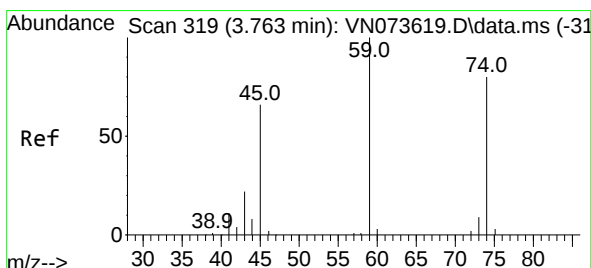
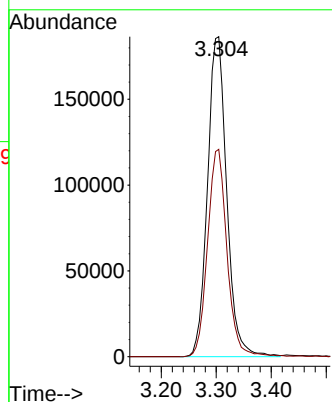
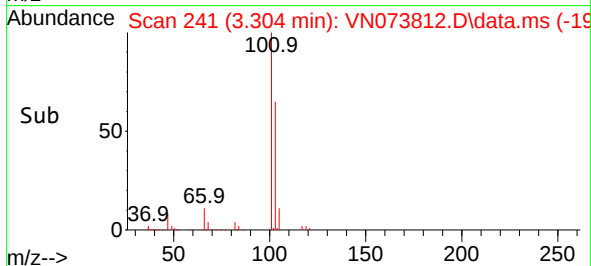
Instrument :
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Tgt Ion:101 Resp: 45331
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3

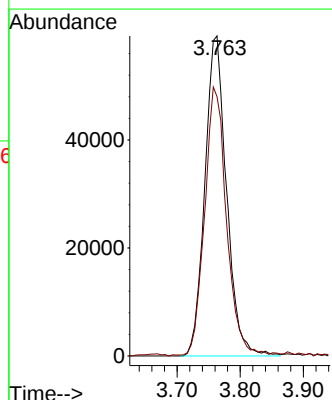
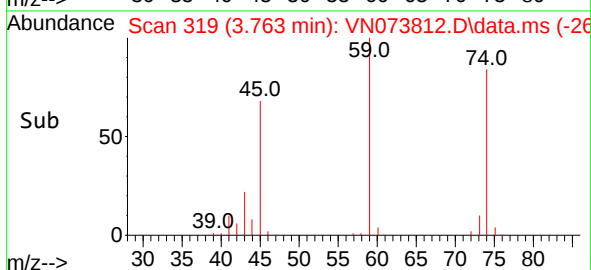
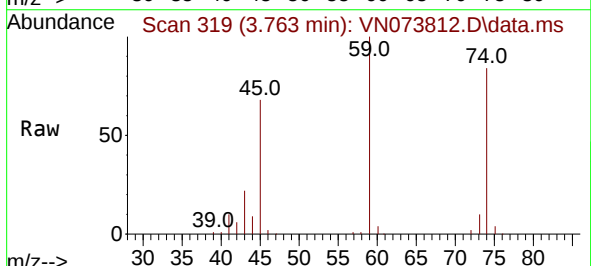
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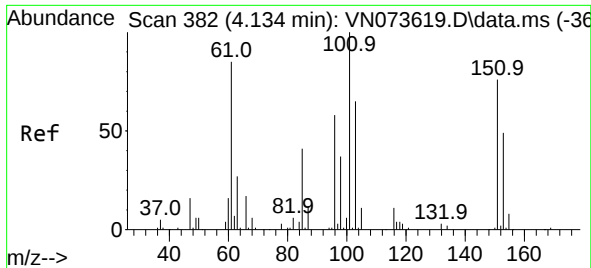
Reviewed By :John Carlone 08/11/2022
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#8
Diethyl Ether
Concen: 52.425 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073812.D
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Tgt Ion: 74 Resp: 141178
Ion Ratio Lower Upper
74 100
45 85.2 42.9 128.5





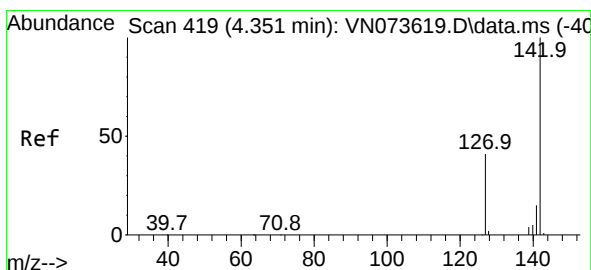
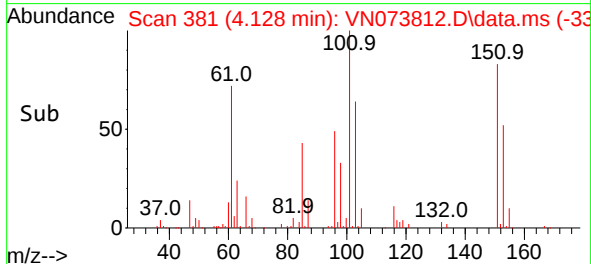
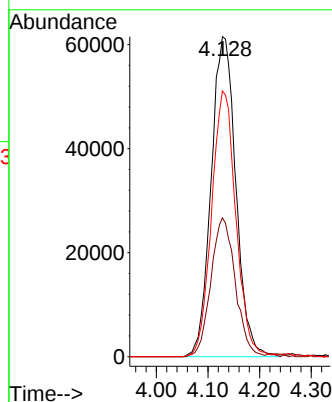
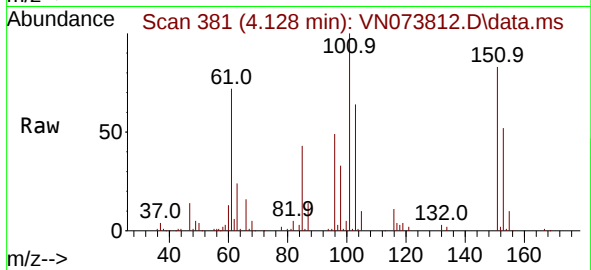
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.625 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 20484
Ion Ratio Lower Upper
101 100
85 42.7 34.7 52.1
151 81.2 63.0 94.4

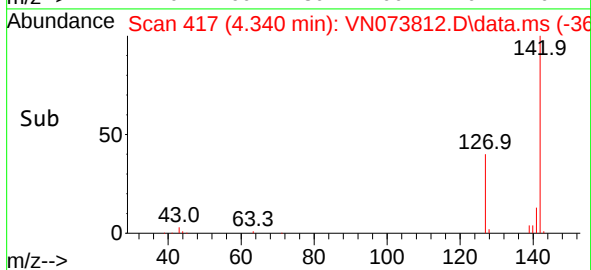
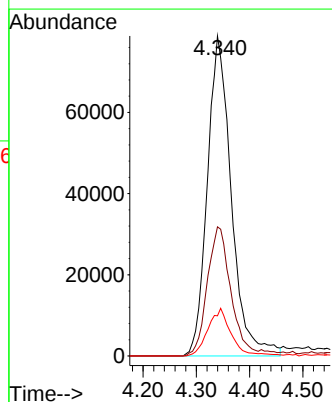
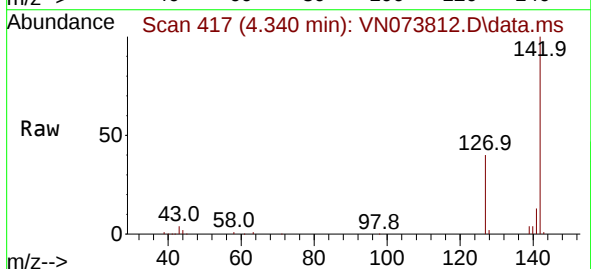
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#10
Methyl Iodide
Concen: 61.157 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

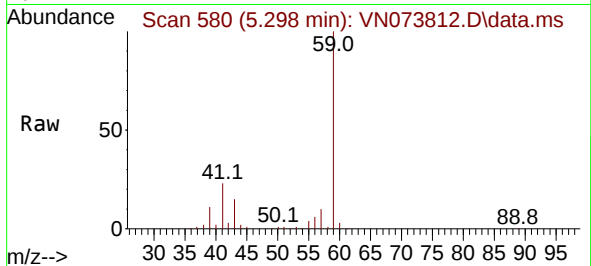
Tgt Ion:142 Resp: 246700
Ion Ratio Lower Upper
142 100
127 39.3 31.3 46.9
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 276.432 ug/l
RT: 5.298 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

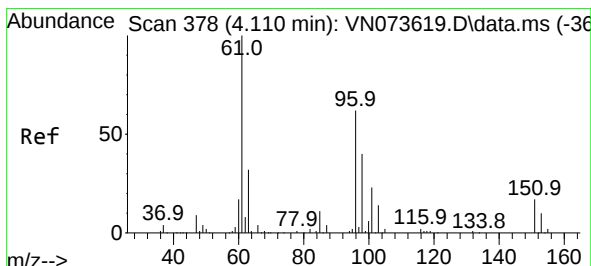
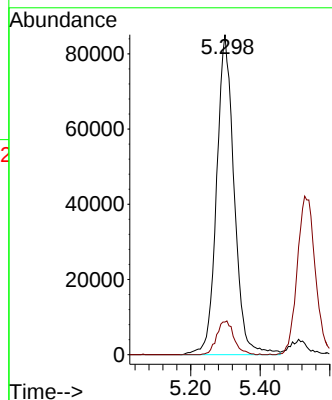
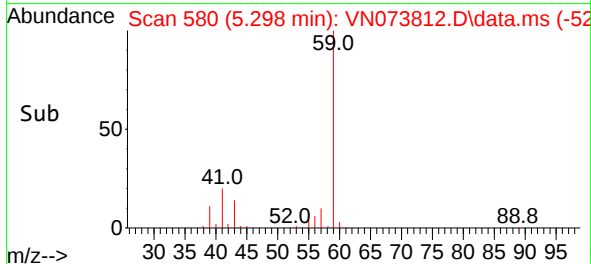
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



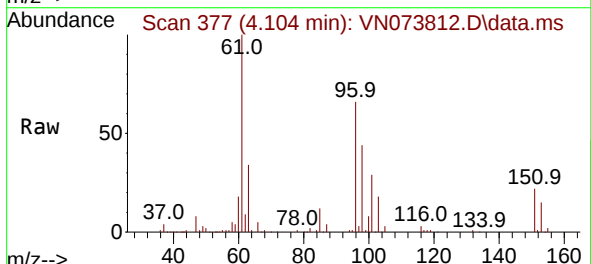
Tgt Ion: 59 Resp: 29804
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

Manual Integrations
APPROVED

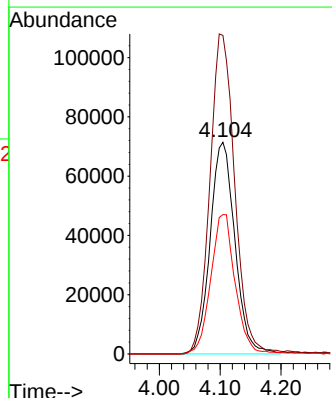
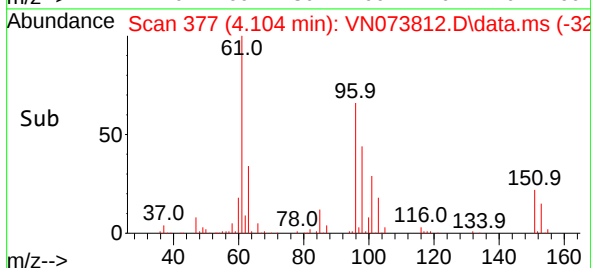
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

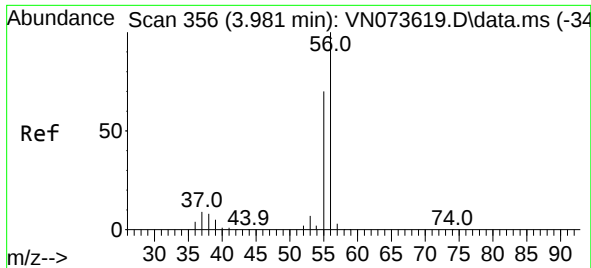


#12
1,1-Dichloroethene
Concen: 51.891 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



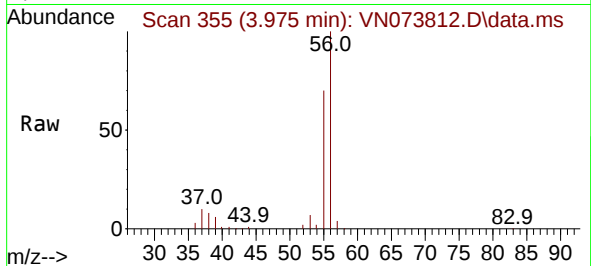
Tgt Ion: 96 Resp: 201966
Ion Ratio Lower Upper
96 100
61 150.4 127.6 191.4
98 65.8 51.2 76.8





#13
Acrolein
Concen: 264.965 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

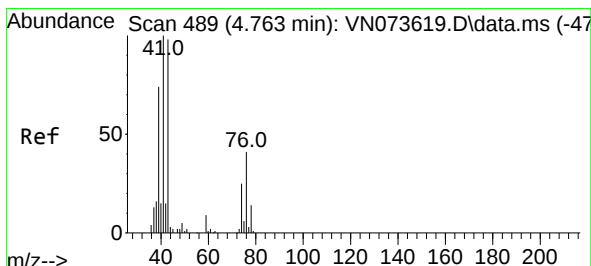
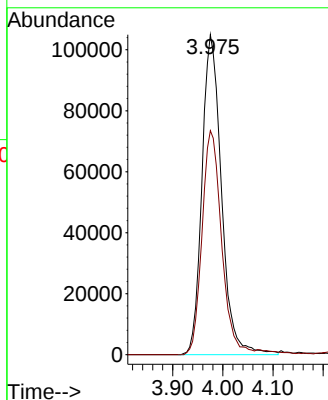
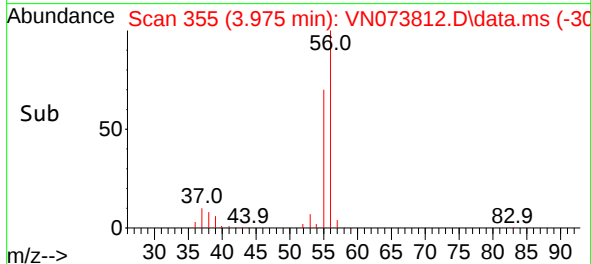
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 283220
Ion Ratio Lower Upper
56 100
55 70.0 54.8 82.2

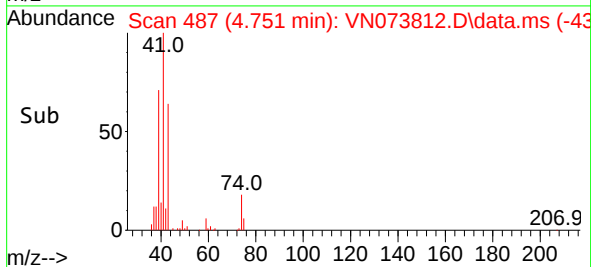
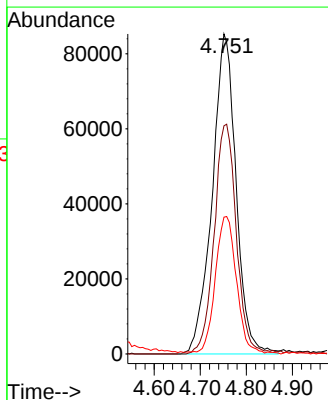
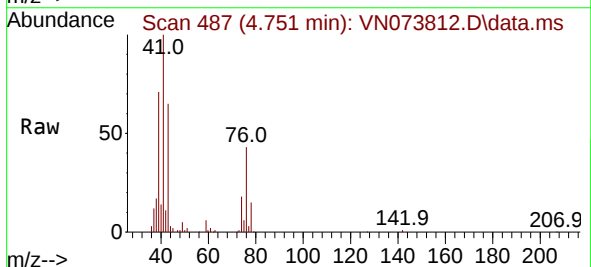
Manual Integrations
APPROVED

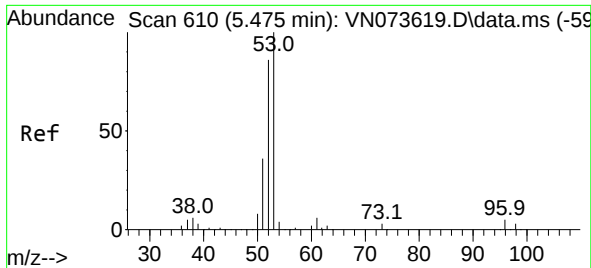
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#14
Allyl chloride
Concen: 49.253 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.012 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

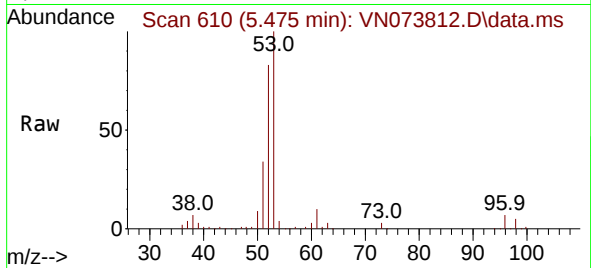
Tgt Ion: 41 Resp: 306486
Ion Ratio Lower Upper
41 100
39 67.0 53.2 79.8
76 37.4 29.9 44.9





#15
Acrylonitrile
Concen: 265.132 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

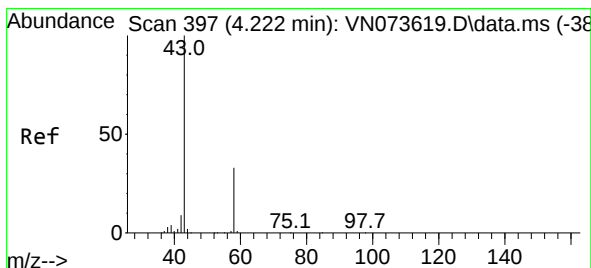
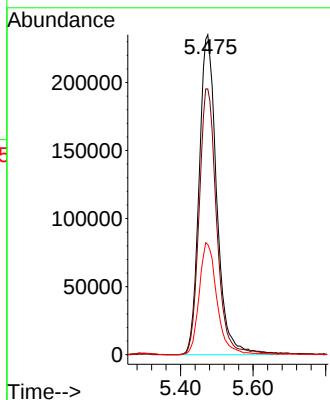
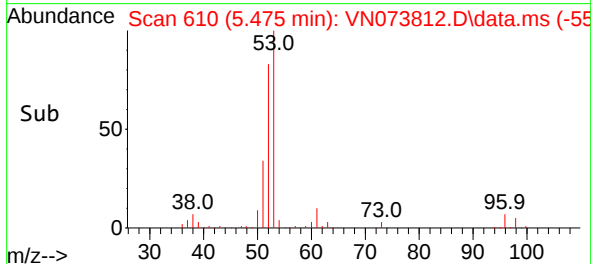
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 790738
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 35.3 28.5 42.7

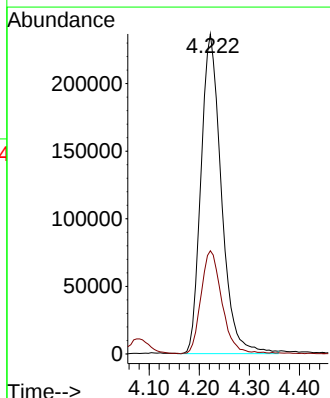
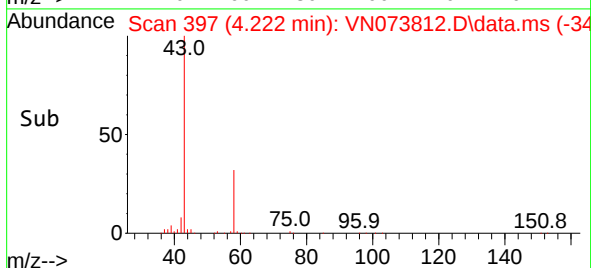
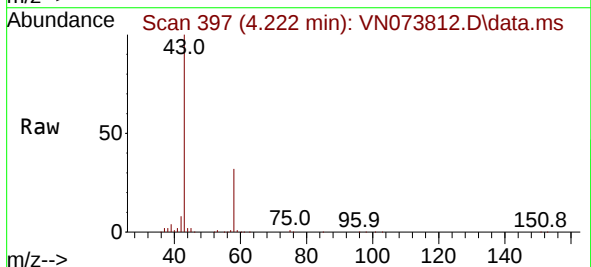
Manual Integrations
APPROVED

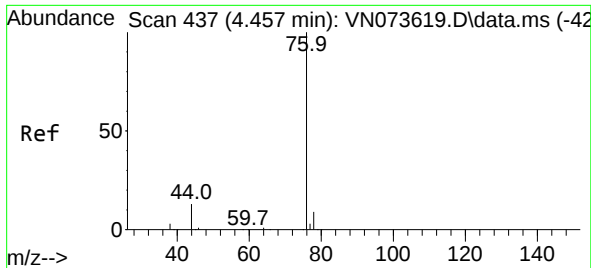
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#16
Acetone
Concen: 248.852 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Tgt Ion: 43 Resp: 668212
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0





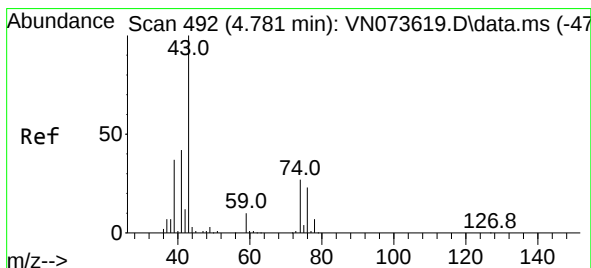
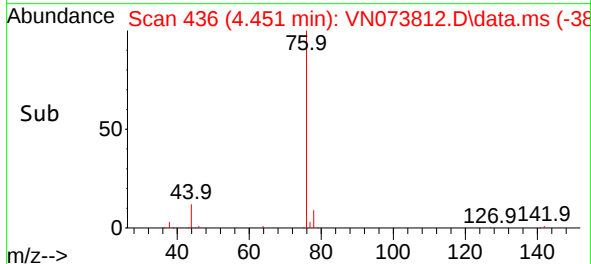
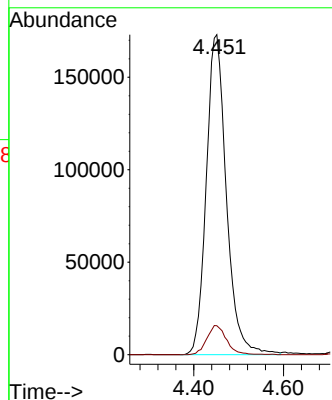
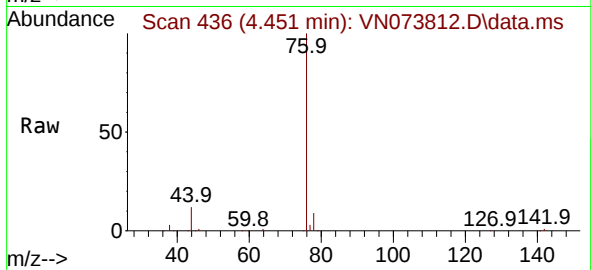
#17
Carbon Disulfide
Concen: 52.184 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 53854
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

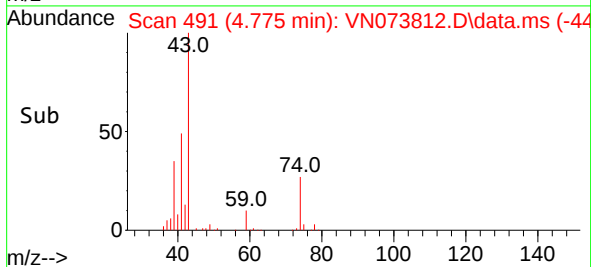
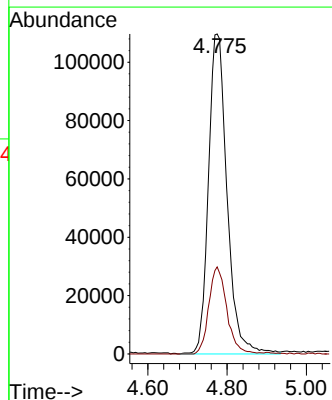
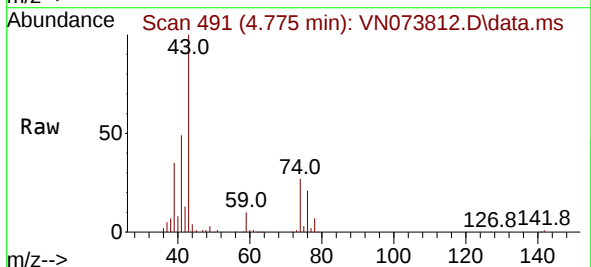
Manual Integrations
APPROVED

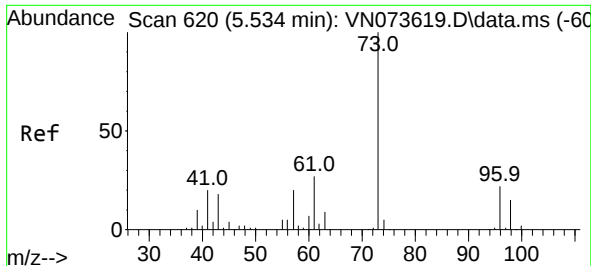
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#18
Methyl Acetate
Concen: 53.414 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

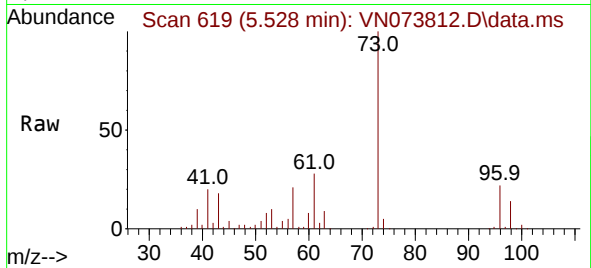
Tgt Ion: 43 Resp: 356827
Ion Ratio Lower Upper
43 100
74 26.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 54.411 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

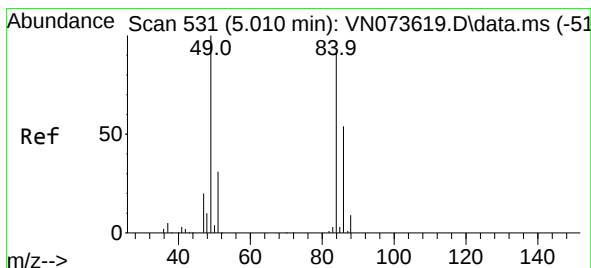
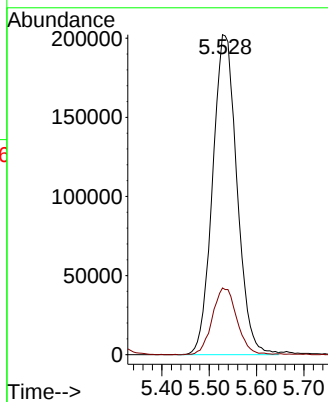
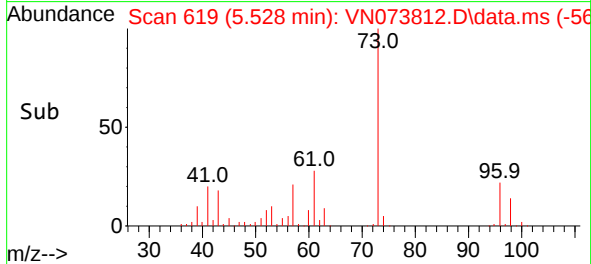
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 723480
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

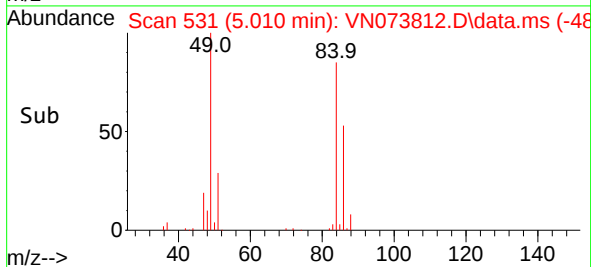
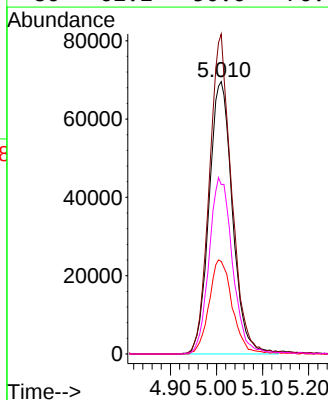
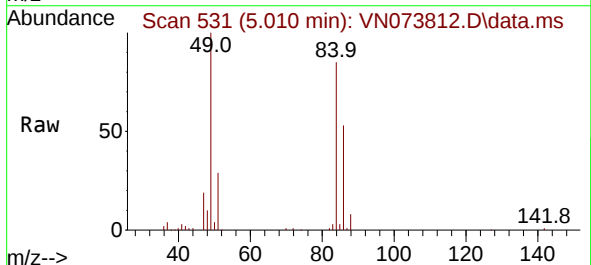
Manual Integrations
APPROVED

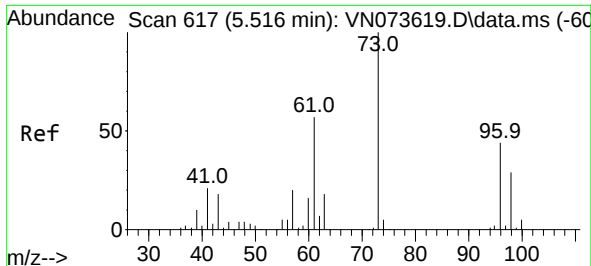
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#20
Methylene Chloride
Concen: 56.856 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

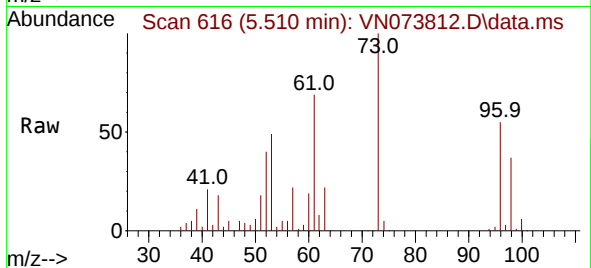
Tgt Ion: 84 Resp: 245666
Ion Ratio Lower Upper
84 100
49 117.5 88.3 132.5
51 34.0 28.2 42.2
86 62.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 52.428 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

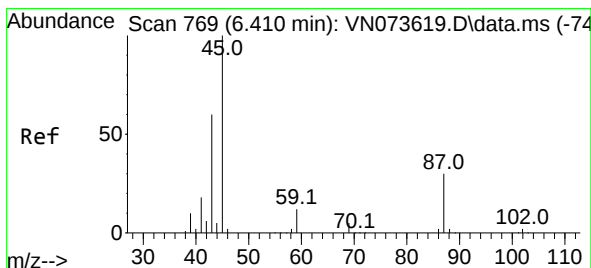
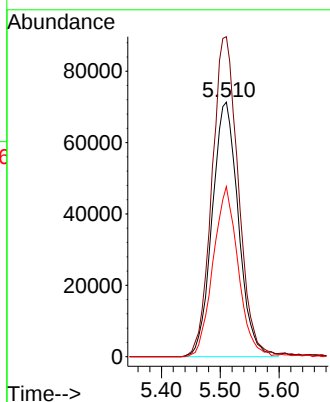
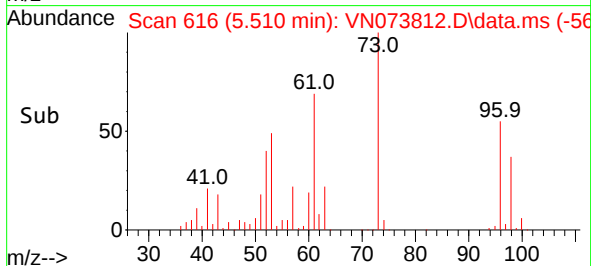
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 220890
Ion Ratio Lower Upper
96 100
61 125.7 105.8 158.8
98 66.8 50.3 75.5

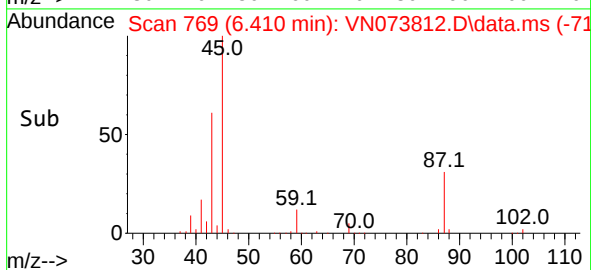
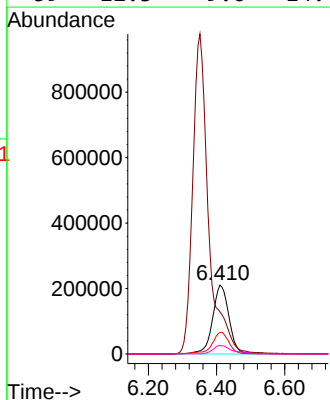
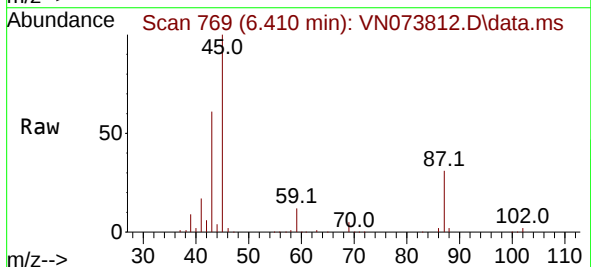
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#22
Diisopropyl ether
Concen: 52.243 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Tgt Ion: 45 Resp: 701365
Ion Ratio Lower Upper
45 100
43 60.3 46.6 70.0
87 31.1 24.3 36.5
59 12.3 9.6 14.4





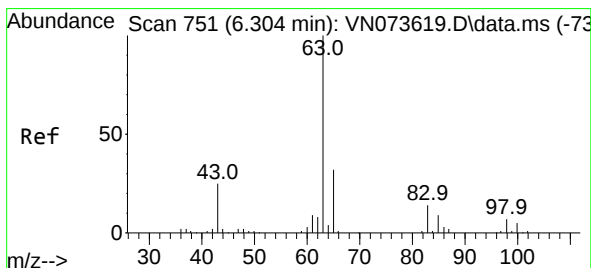
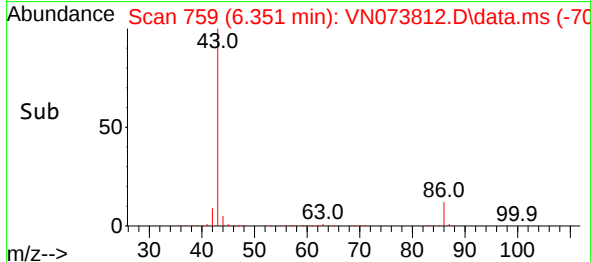
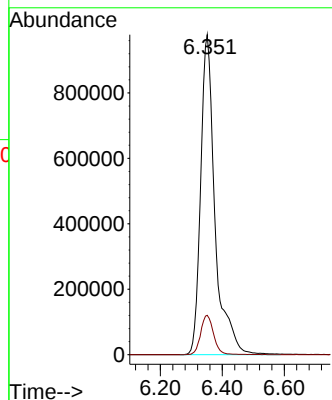
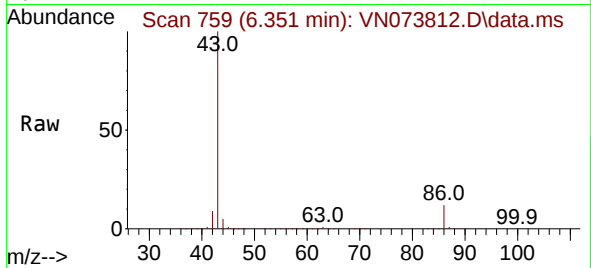
#23
 Vinyl Acetate
 Concen: 279.522 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073812.D
 Acq: 10 Aug 2022 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 314622
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.0 15.0

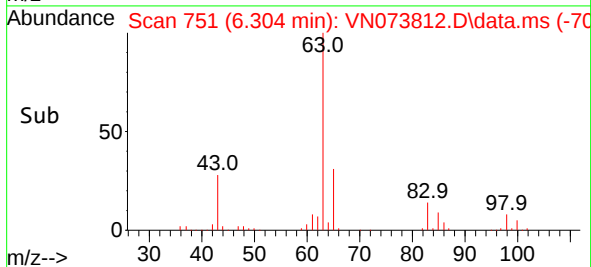
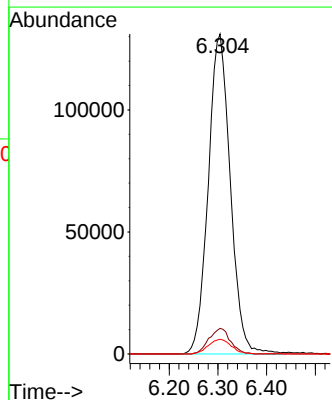
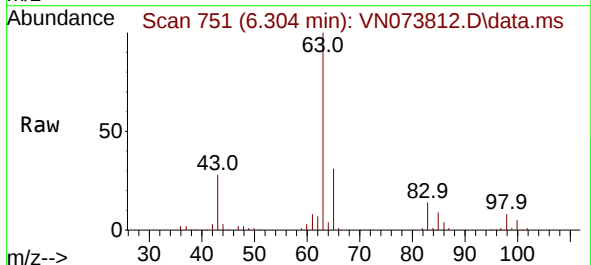
Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022



#24
 1,1-Dichloroethane
 Concen: 49.899 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073812.D
 Acq: 10 Aug 2022 21:08

Tgt Ion: 63 Resp: 412120
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 4.6 2.3 6.8





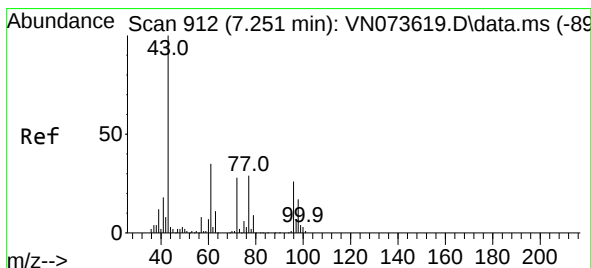
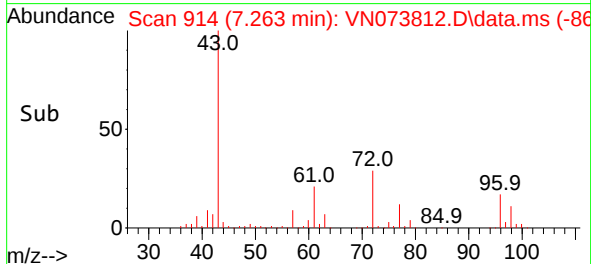
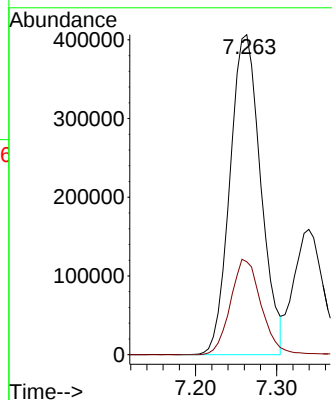
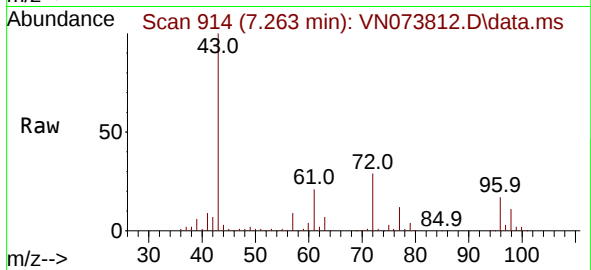
#25
2-Butanone
Concen: 257.536 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 107392
Ion Ratio Lower Upper
43 100
72 29.0 23.7 35.5

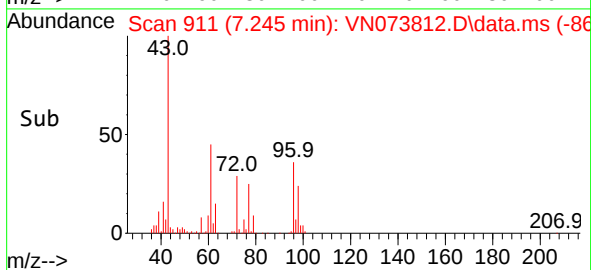
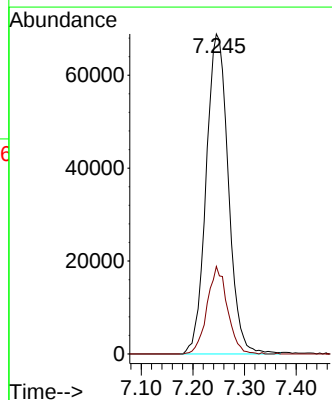
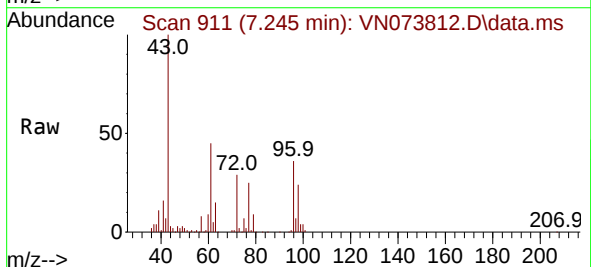
Manual Integrations
APPROVED

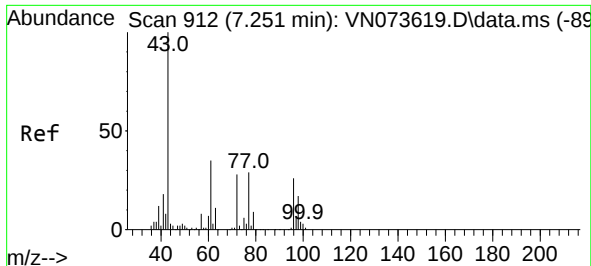
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#26
2,2-Dichloropropane
Concen: 32.333 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Tgt Ion: 77 Resp: 205452
Ion Ratio Lower Upper
77 100
97 25.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 51.555 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073812.D

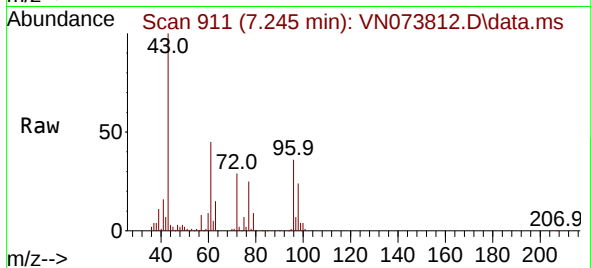
Acq: 10 Aug 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



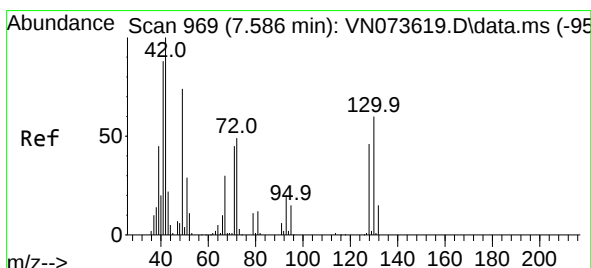
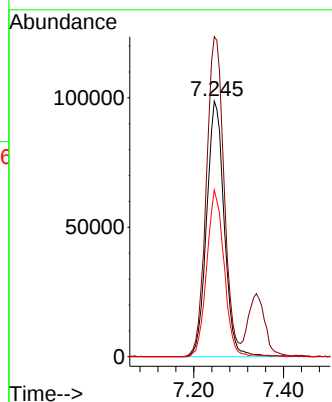
Tgt Ion:	96	Resp:	26762
Ion Ratio	Lower	Upper	
96	100		
61	126.6	0.0	280.6
98	64.2	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#28

Bromochloromethane

Concen: 47.206 ug/l

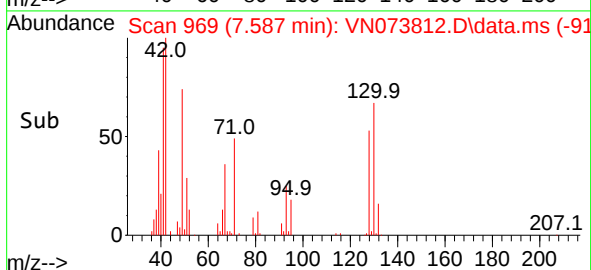
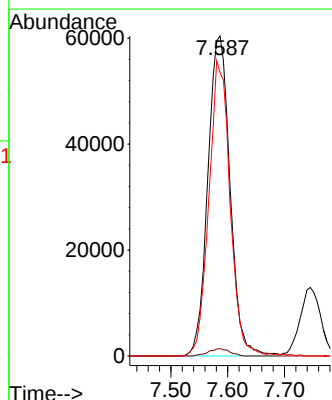
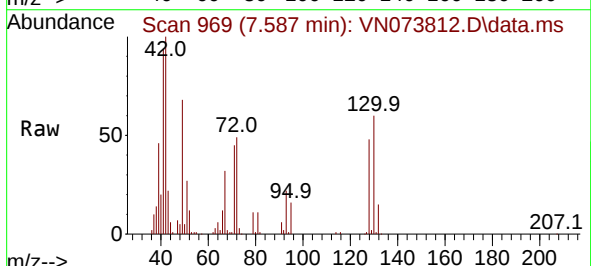
RT: 7.587 min Scan# 969

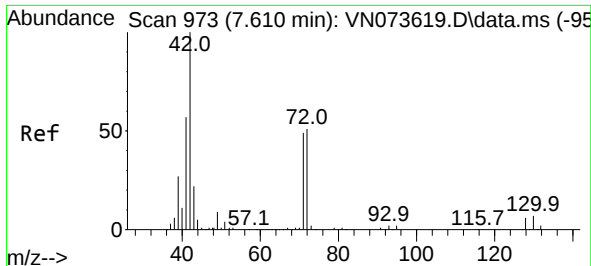
Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

Tgt Ion:	49	Resp:	163704
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.6
130	87.8	69.7	104.5





#29

Tetrahydrofuran

Concen: 264.271 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073812.D

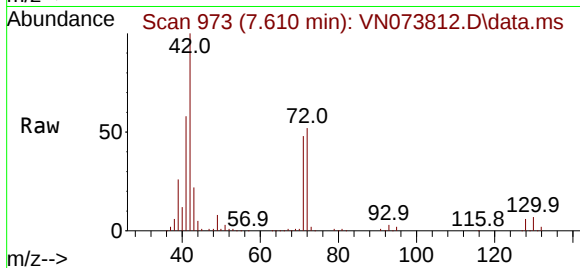
Acq: 10 Aug 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



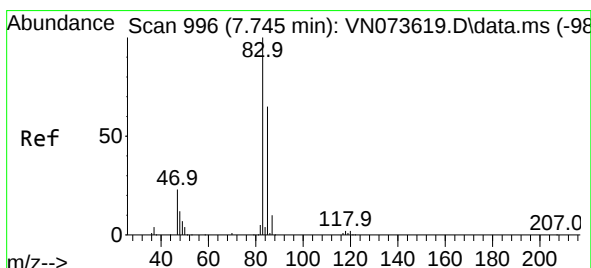
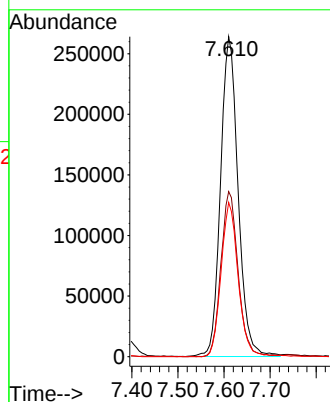
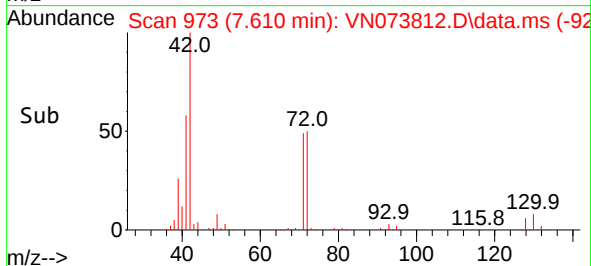
Tgt Ion:	42	Resp:	696748
Ion Ratio	100	Lower	Upper
42	100		
72	50.4	39.7	59.5
71	46.8	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#30

Chloroform

Concen: 50.445 ug/l

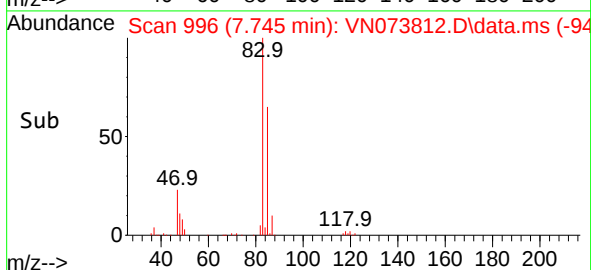
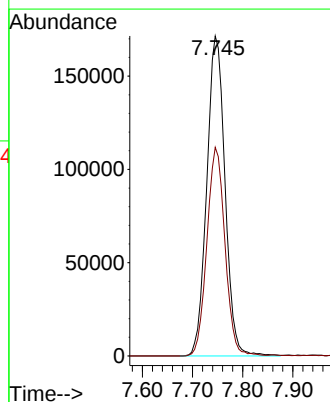
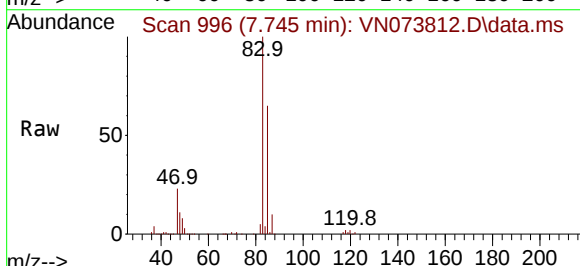
RT: 7.745 min Scan# 996

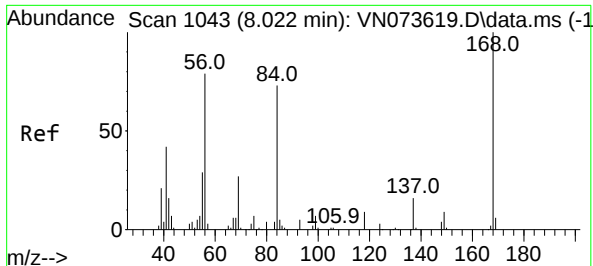
Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

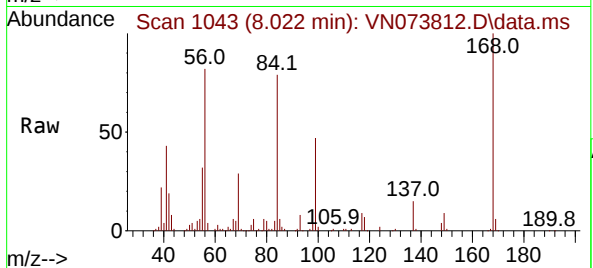
Tgt Ion:	83	Resp:	434086
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	51.8	77.8





#31
Cyclohexane
Concen: 48.124 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

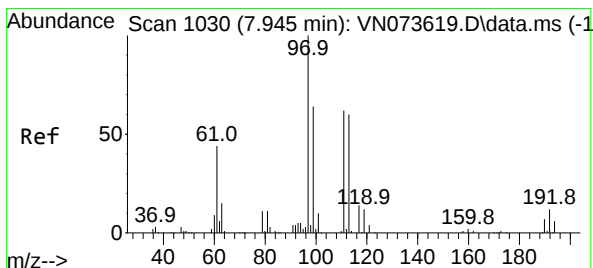
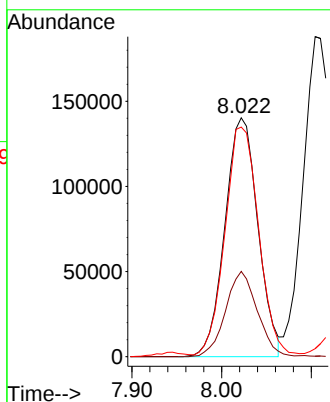
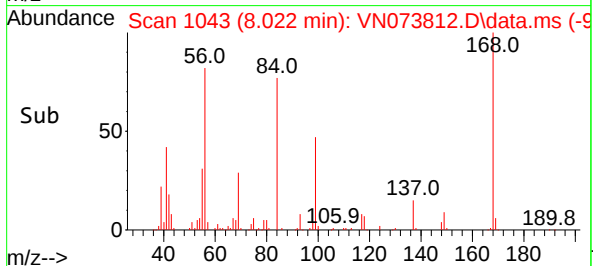
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



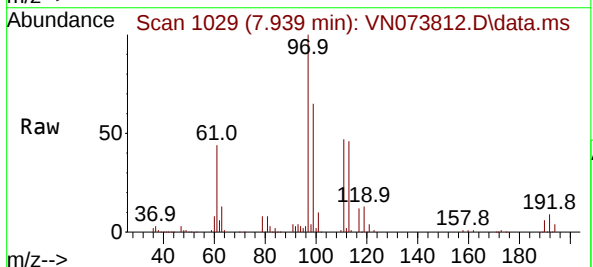
Tgt Ion: 56 Resp: 358184
Ion Ratio Lower Upper
56 100
69 35.7 27.8 41.8
84 94.7 76.9 115.3

Manual Integrations
APPROVED

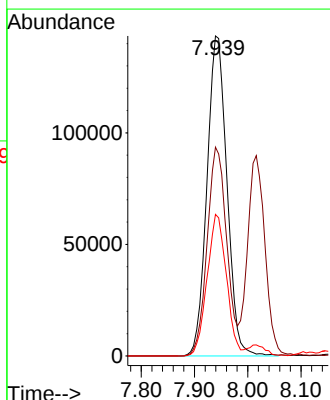
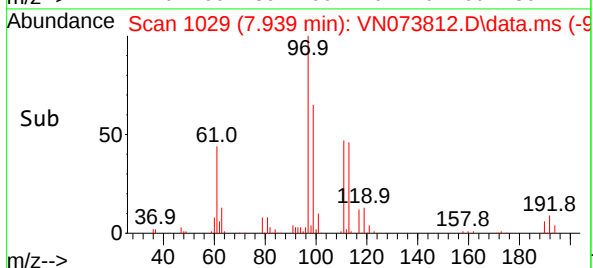
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

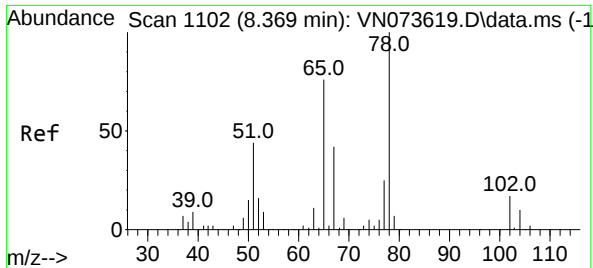


#32
1,1,1-Trichloroethane
Concen: 52.387 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



Tgt Ion: 97 Resp: 374303
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 43.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 48.188 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 240900

Ion Ratio Lower Upper

65 100

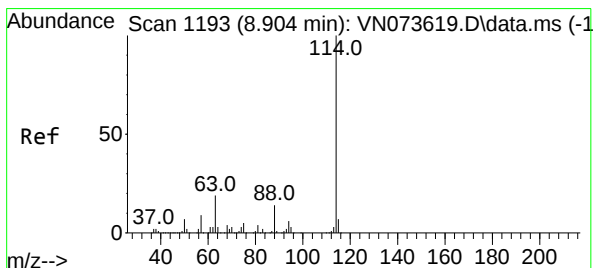
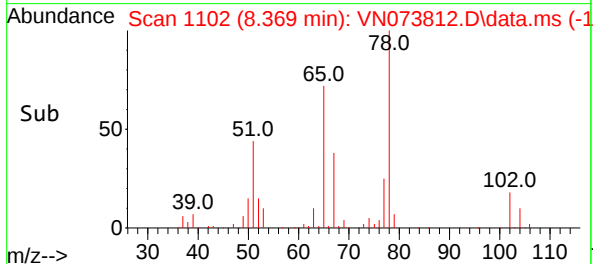
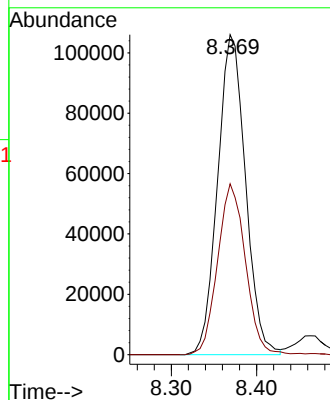
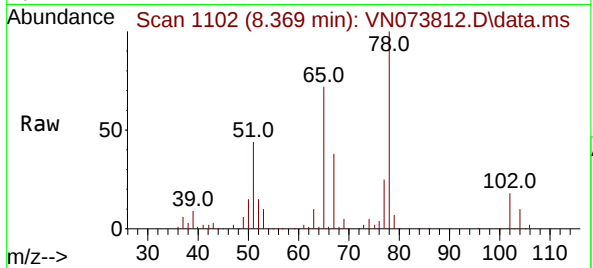
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

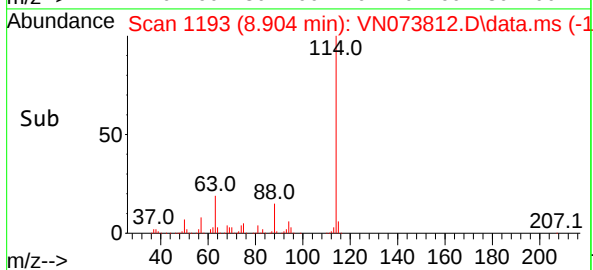
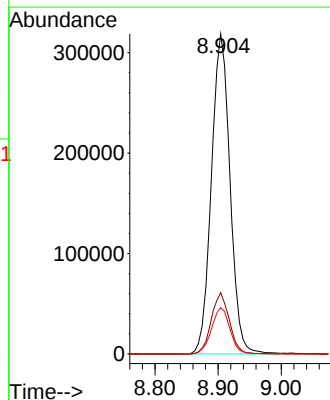
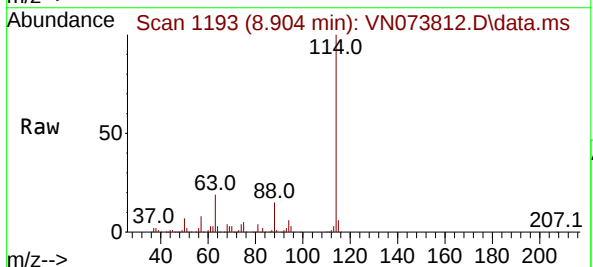
Tgt Ion:114 Resp: 652394

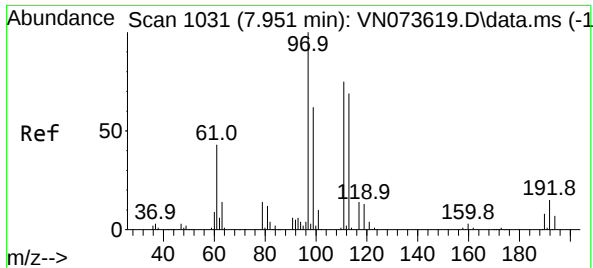
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

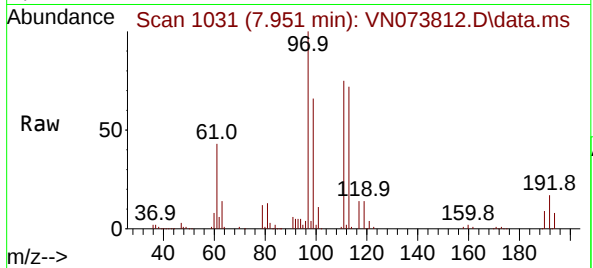
88 14.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 52.151 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

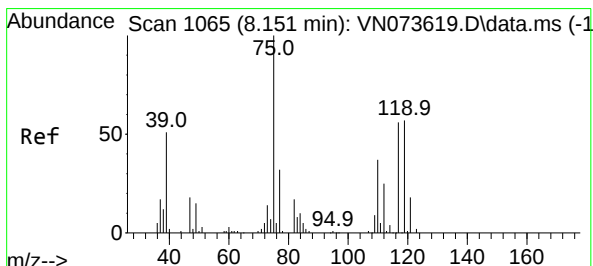
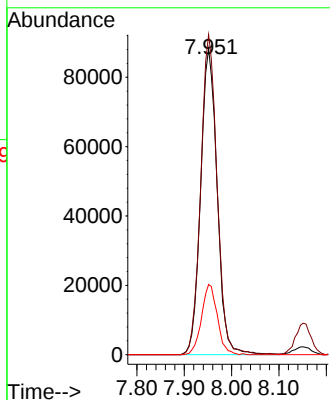
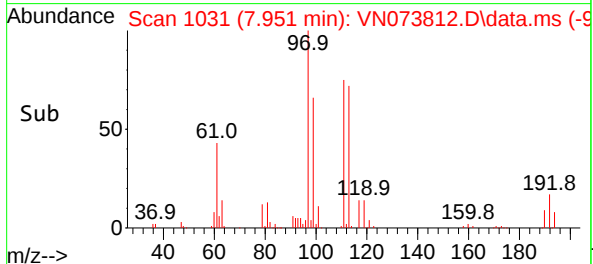
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 21364
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 21.9 17.0 25.6

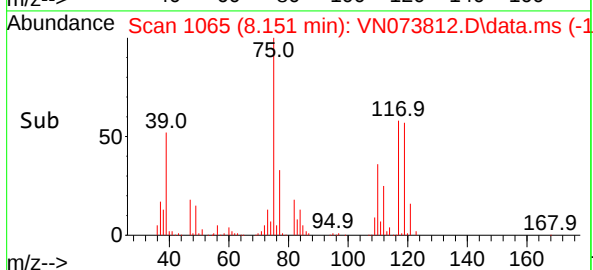
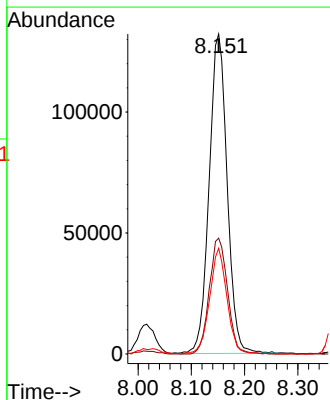
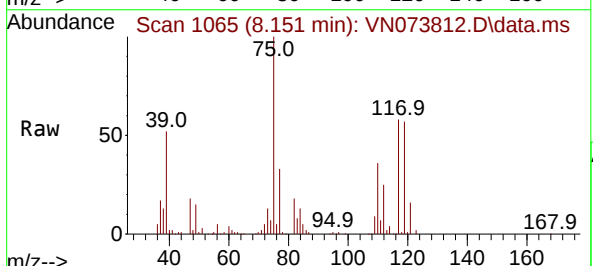
Manual Integrations
APPROVED

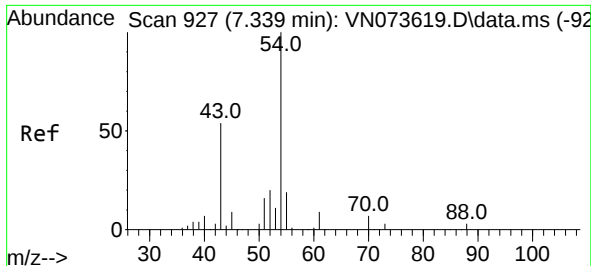
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#36
1,1-Dichloropropene
Concen: 53.085 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

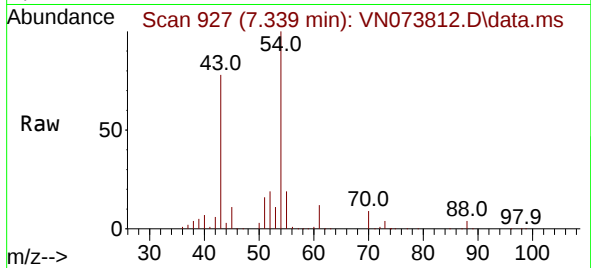
Tgt Ion: 75 Resp: 309949
Ion Ratio Lower Upper
75 100
110 36.8 18.3 54.8
77 31.9 25.1 37.7





#37
Ethyl Acetate
Concen: 54.760 ug/l
RT: 7.339 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

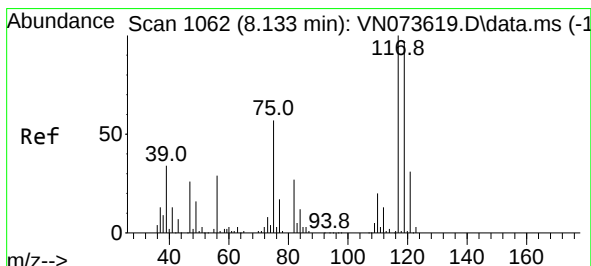
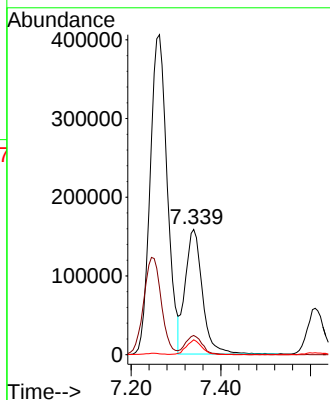
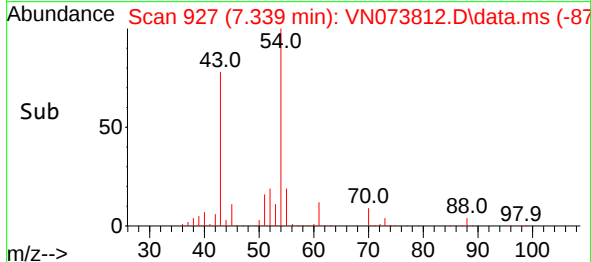
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 421070
Ion Ratio Lower Upper
43 100
61 14.7 11.8 17.6
70 10.3 9.3 13.9

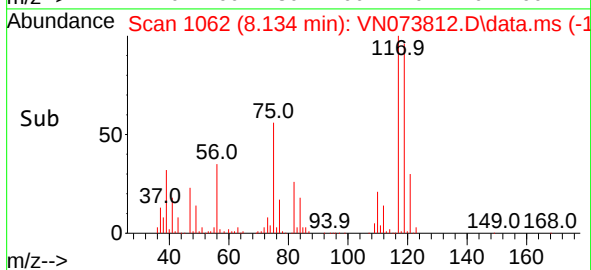
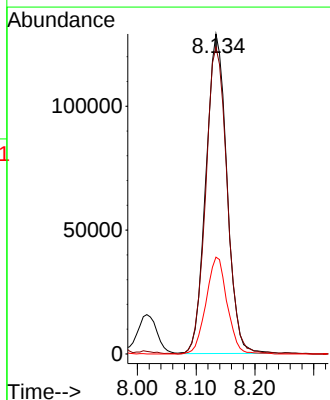
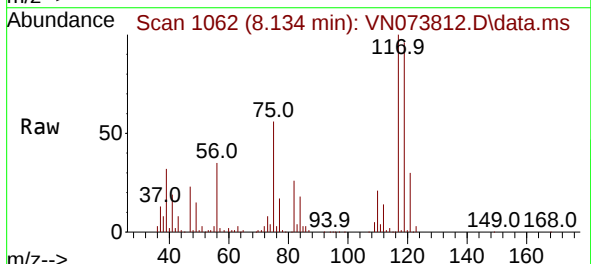
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#38
Carbon Tetrachloride
Concen: 53.941 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Tgt Ion:117 Resp: 319870
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
121 30.3 24.6 37.0





#39

Methylcyclohexane

Concen: 54.948 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 383370

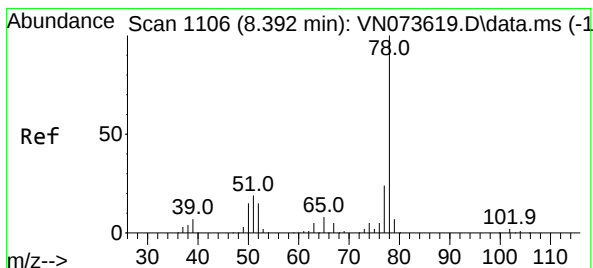
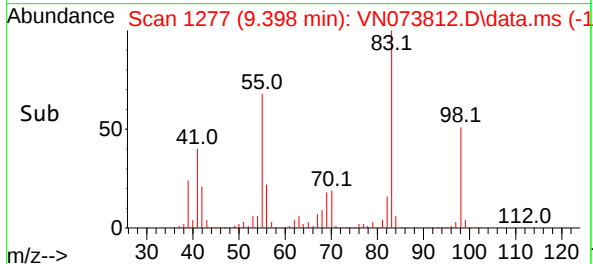
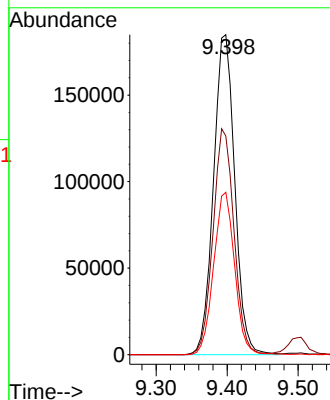
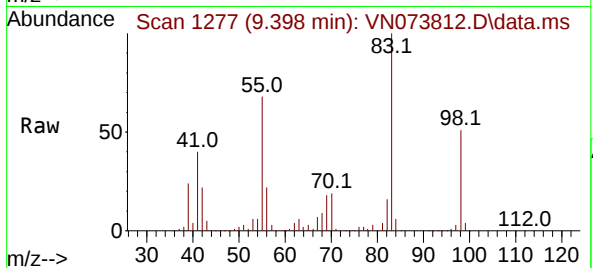
Ion	Ratio	Lower	Upper
83	100		
55	68.4	57.8	86.8
98	50.8	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#40

Benzene

Concen: 52.194 ug/l

RT: 8.386 min Scan# 1105

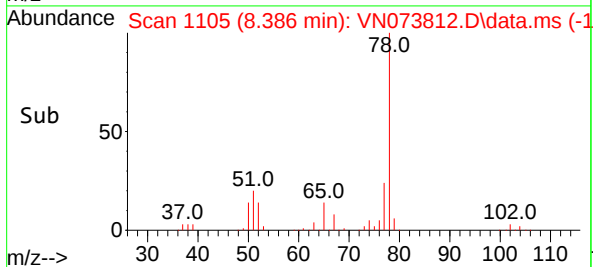
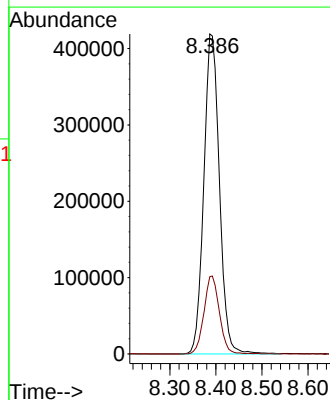
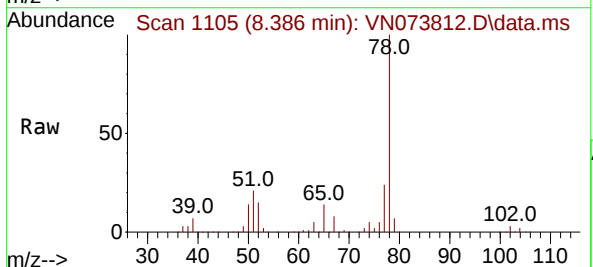
Delta R.T. -0.006 min

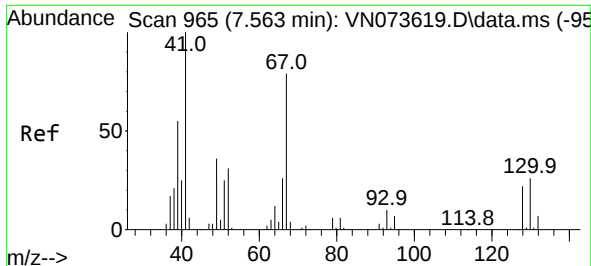
Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

Tgt Ion: 78 Resp: 989595

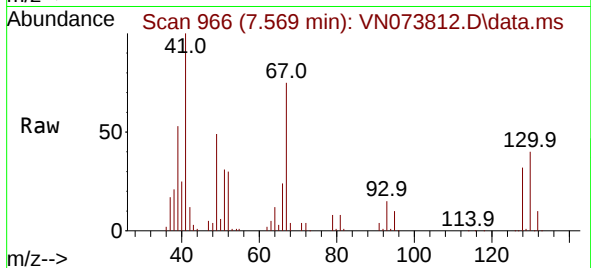
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.0





#41
Methacrylonitrile
Concen: 55.145 ug/l
RT: 7.569 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

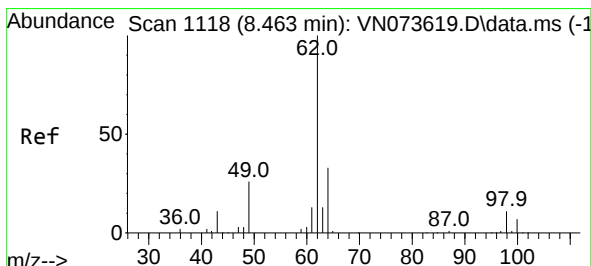
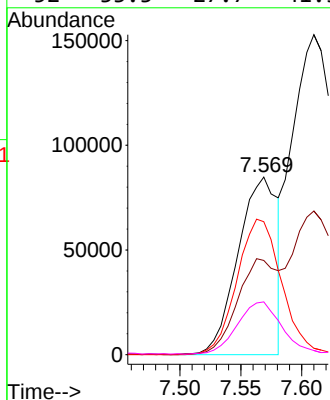
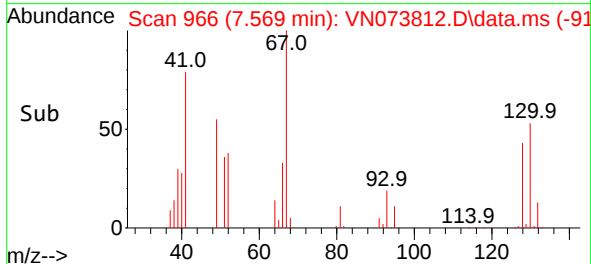
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 19187
Ion Ratio Lower Upper
41 100
39 54.2 48.6 73.0
67 87.1 73.4 110.2
52 33.3 27.7 41.5

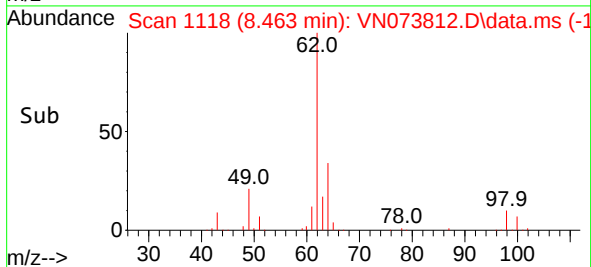
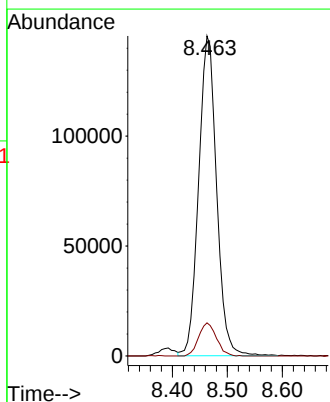
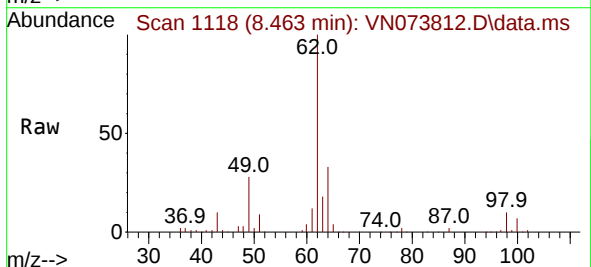
Manual Integrations
APPROVED

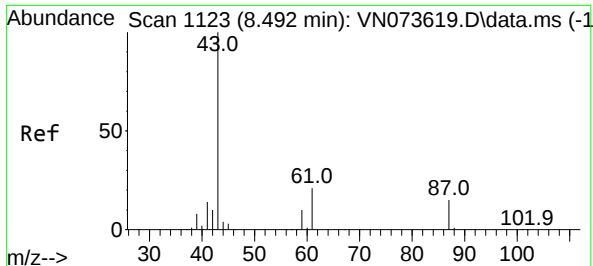
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#42
1,2-Dichloroethane
Concen: 51.711 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

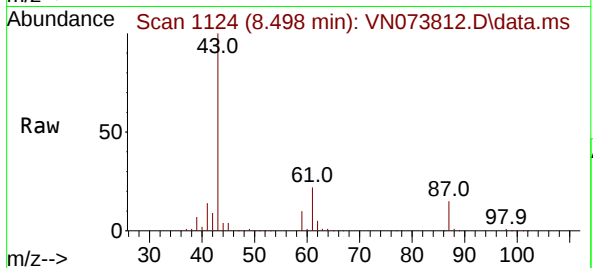
Tgt Ion: 62 Resp: 330427
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 56.345 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

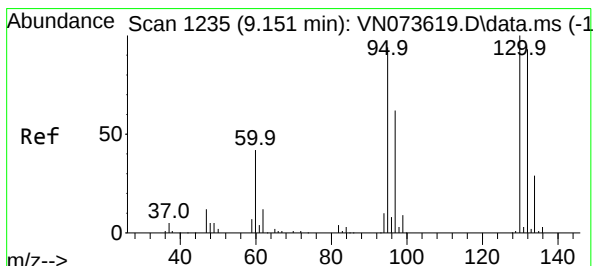
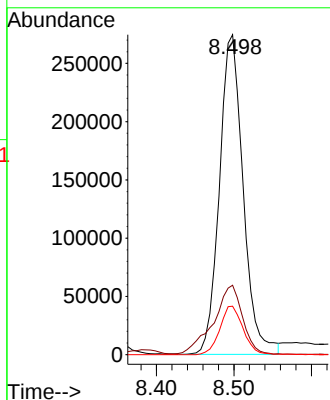
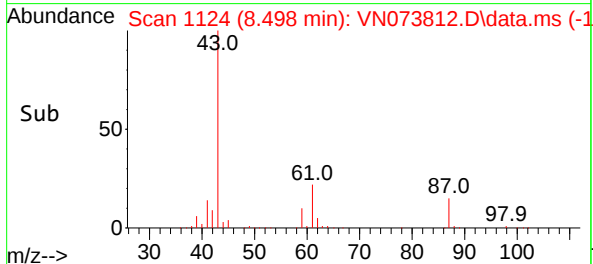
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



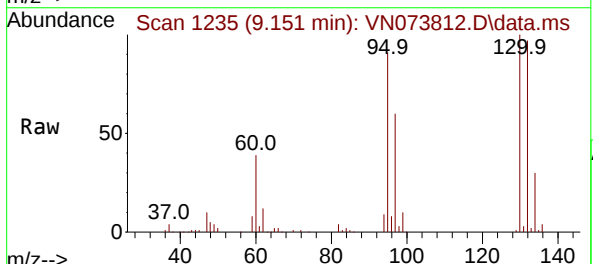
Tgt Ion: 43 Resp: 585190
Ion Ratio Lower Upper
43 100
61 26.7 21.9 32.9
87 15.0 12.0 18.0

Manual Integrations
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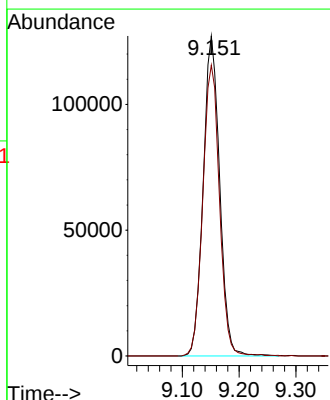
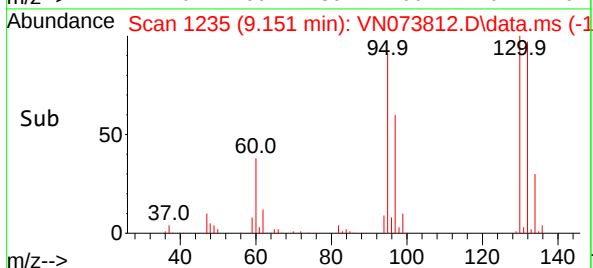
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

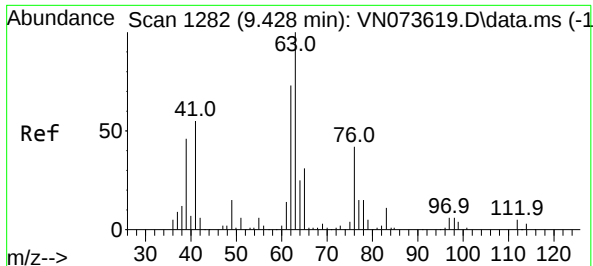


#44
Trichloroethene
Concen: 53.072 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



Tgt Ion:130 Resp: 255169
Ion Ratio Lower Upper
130 100
95 90.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 51.636 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 244700

Ion Ratio Lower Upper

63 100

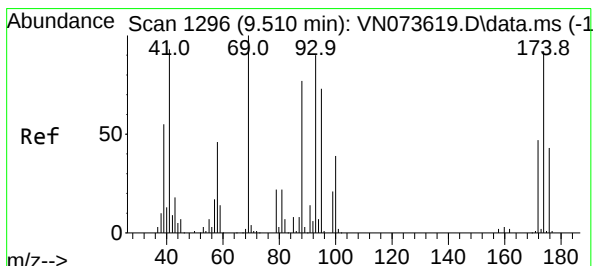
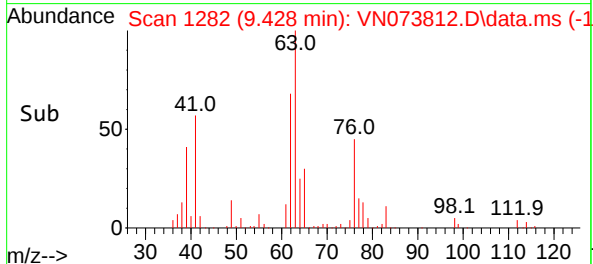
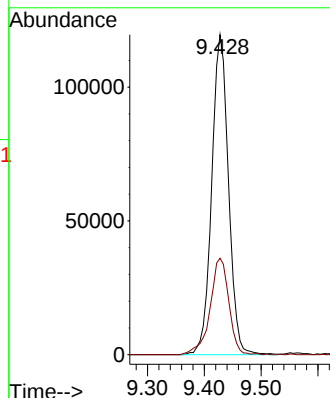
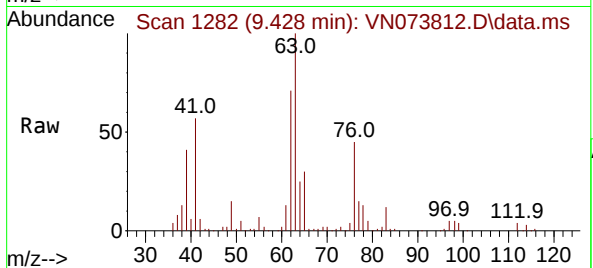
65 30.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#46

Dibromomethane

Concen: 53.297 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

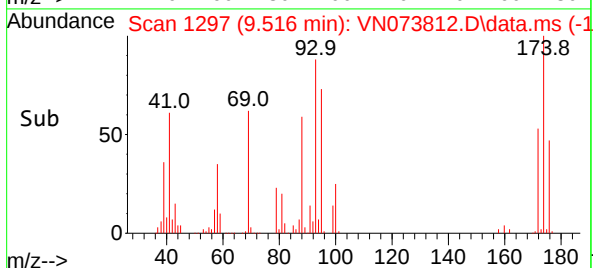
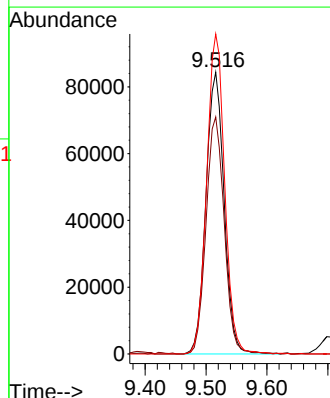
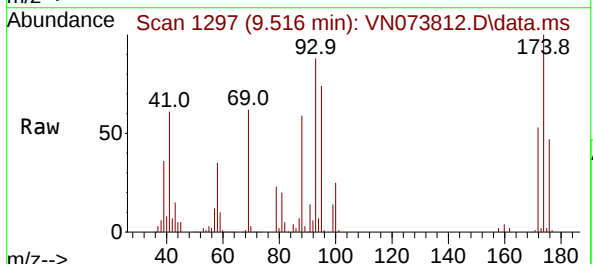
Tgt Ion: 93 Resp: 175302

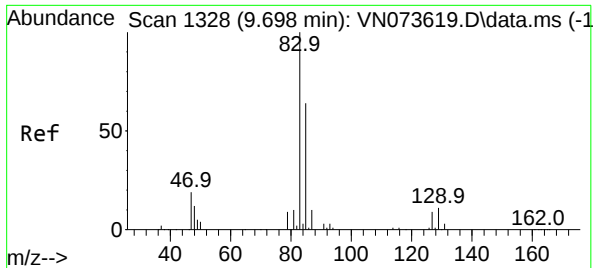
Ion Ratio Lower Upper

93 100

95 84.1 66.9 100.3

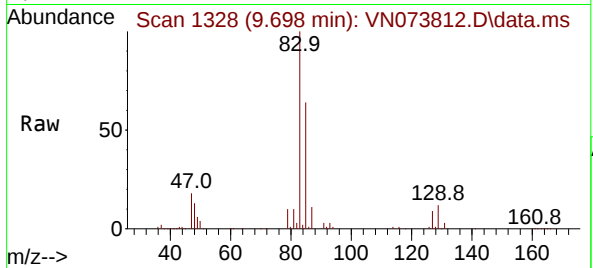
174 112.3 86.6 130.0





#47
Bromodichloromethane
Concen: 53.352 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

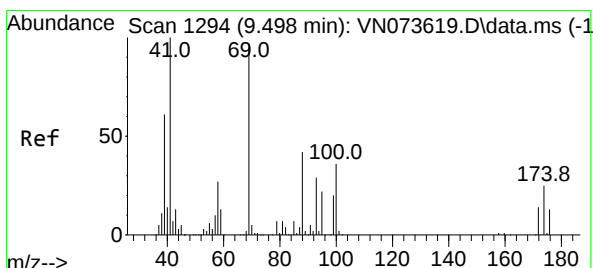
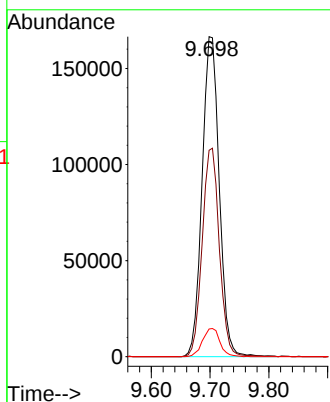
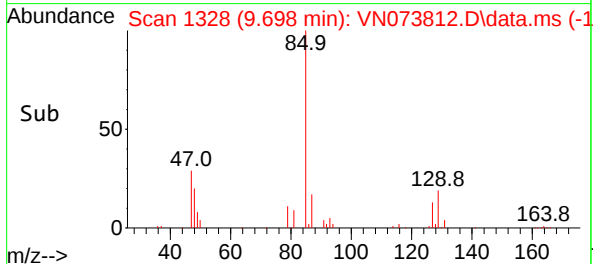
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



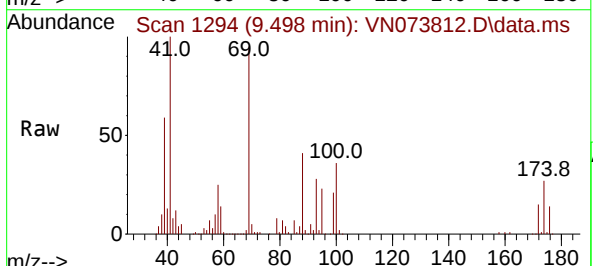
Tgt Ion: 83 Resp: 336799
Ion Ratio Lower Upper
83 100
85 64.5 50.5 75.7
127 8.6 6.8 10.2

Manual Integrations
APPROVED

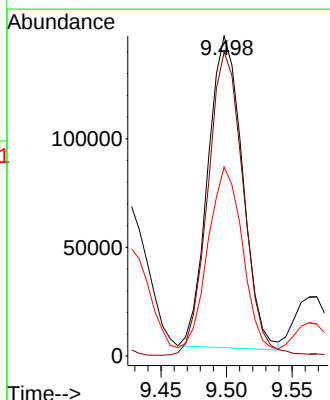
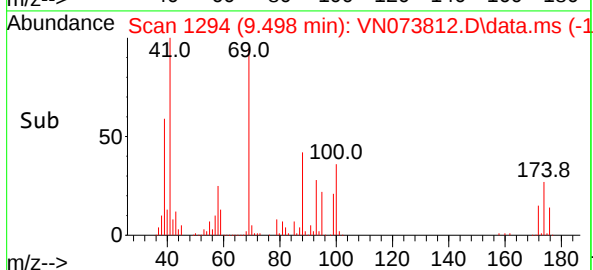
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

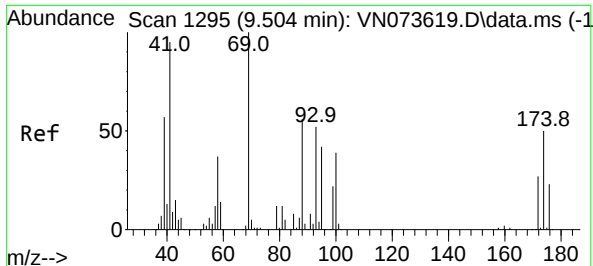


#48
Methyl methacrylate
Concen: 57.924 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



Tgt Ion: 41 Resp: 263333
Ion Ratio Lower Upper
41 100
69 100.0 74.7 112.1
39 62.4 45.6 68.4





#49

1,4-Dioxane

Concen: 1171.134 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 15008

Ion Ratio Lower Upper

88 100

43 27.1 20.2 30.4

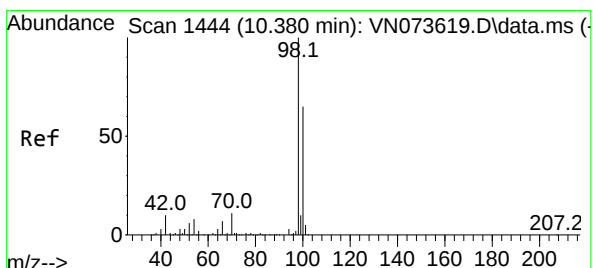
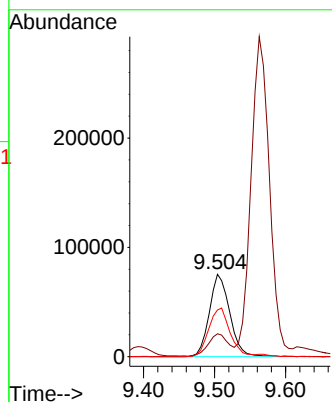
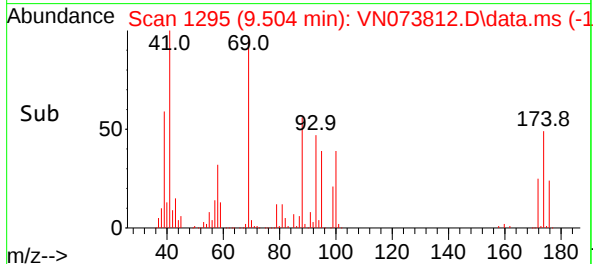
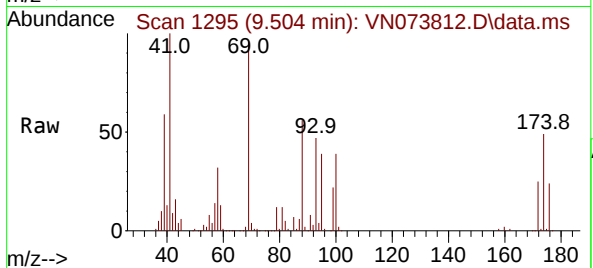
58 61.7 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#50

Toluene-d8

Concen: 50.015 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073812.D

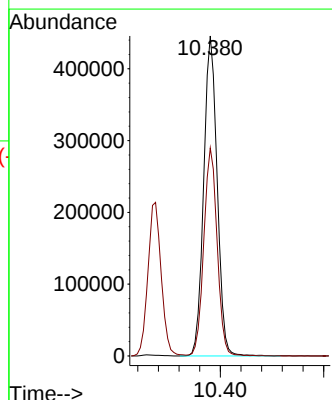
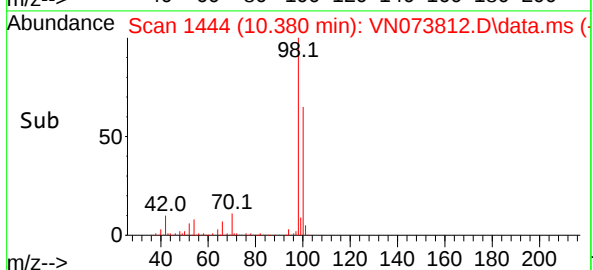
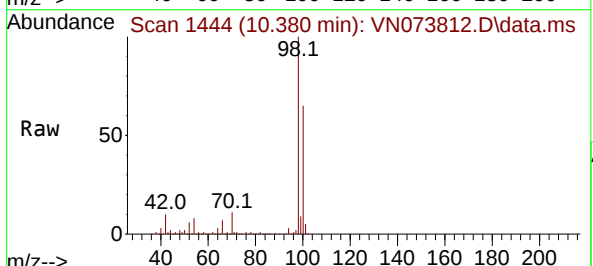
Acq: 10 Aug 2022 21:08

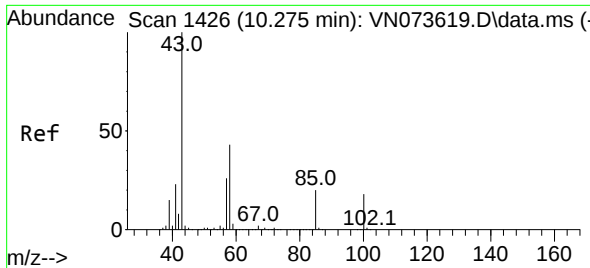
Tgt Ion: 98 Resp: 806274

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8





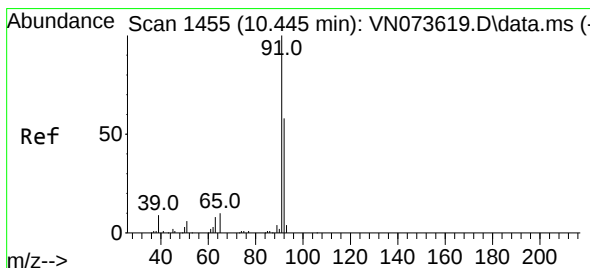
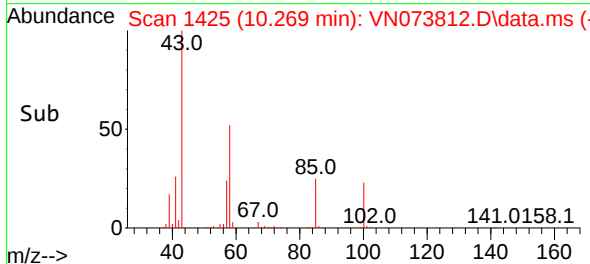
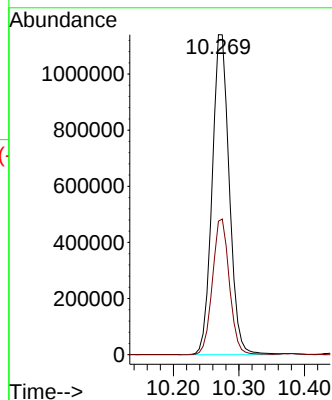
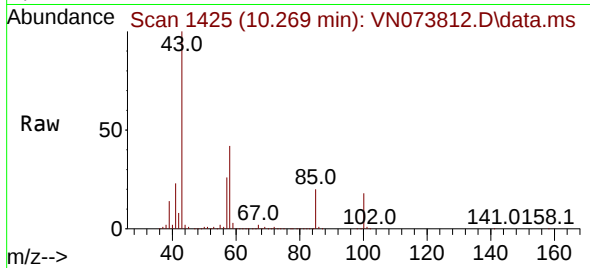
#51
4-Methyl-2-Pentanone
Concen: 277.844 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 206970
Ion Ratio Lower Upper
43 100
58 41.9 34.1 51.1

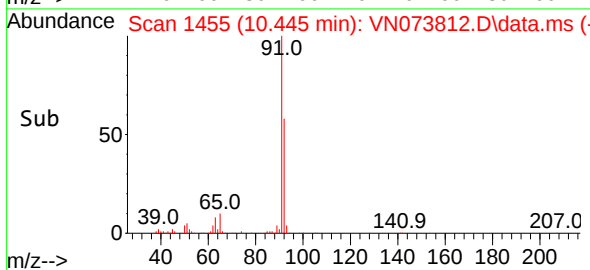
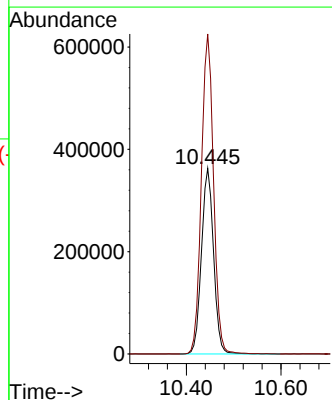
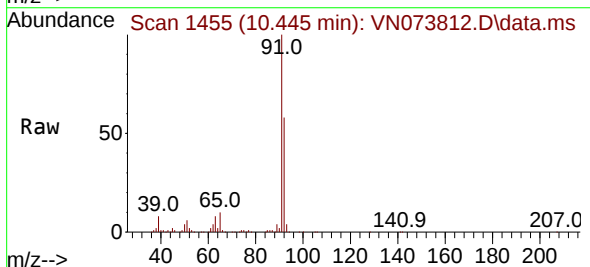
Manual Integrations
APPROVED

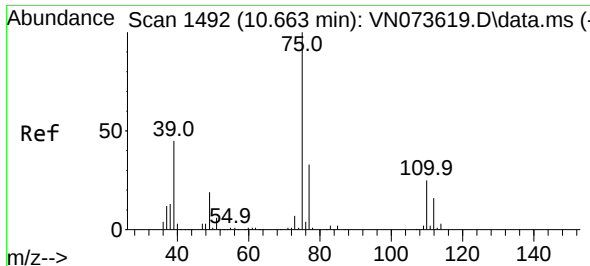
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#52
Toluene
Concen: 55.429 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Tgt Ion: 92 Resp: 641923
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8





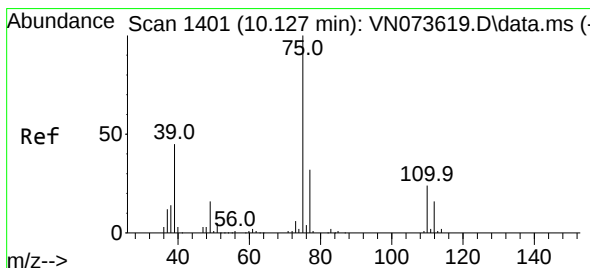
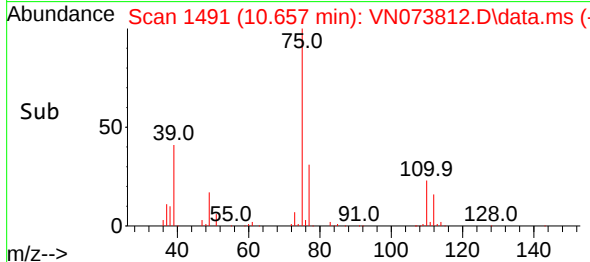
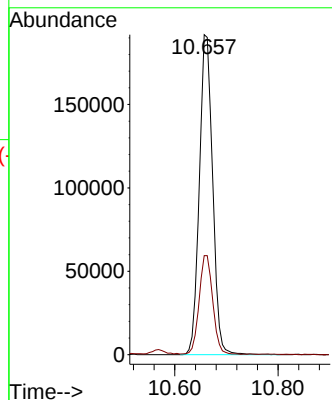
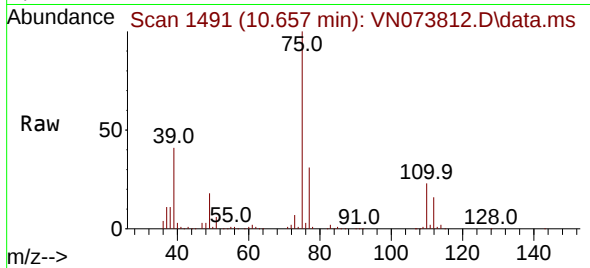
#53
t-1,3-Dichloropropene
Concen: 54.912 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 342450
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

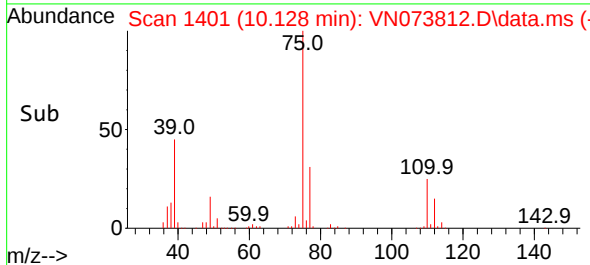
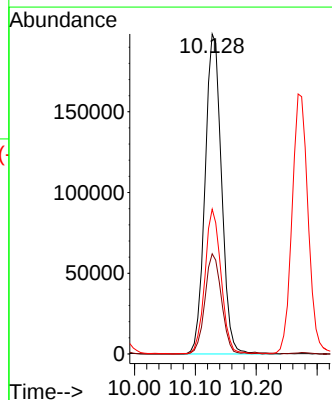
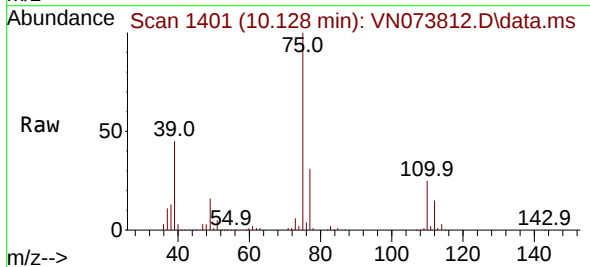
Manual Integrations
APPROVED

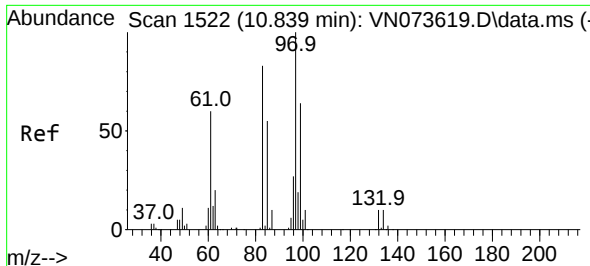
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#54
cis-1,3-Dichloropropene
Concen: 53.177 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

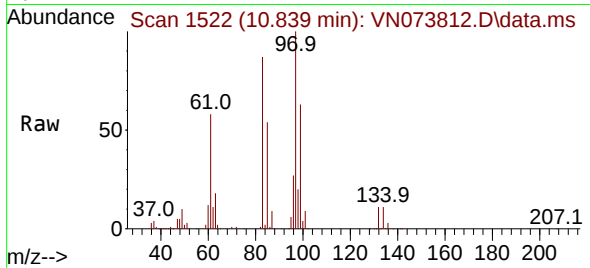
Tgt Ion: 75 Resp: 373716
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 45.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 54.181 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

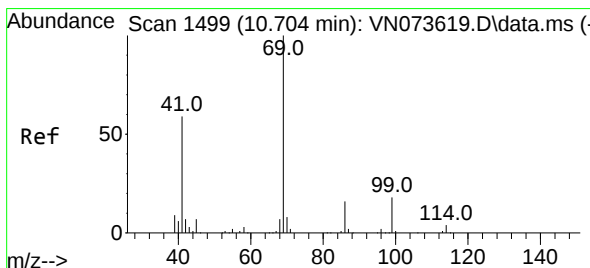
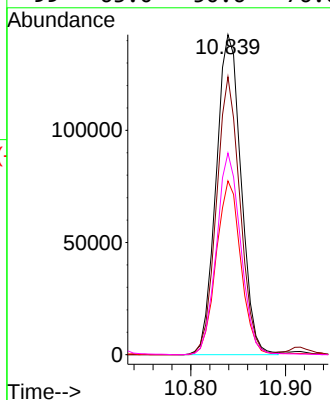
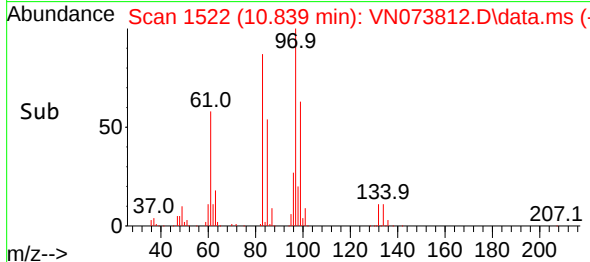
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



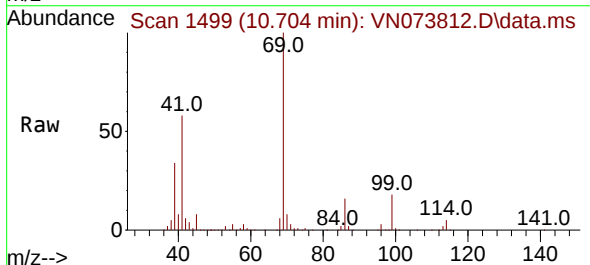
Tgt Ion:	97	Resp:	26165
Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.2	99.4
85	54.3	43.9	65.9
99	63.0	50.6	76.0

Manual Integrations
APPROVED

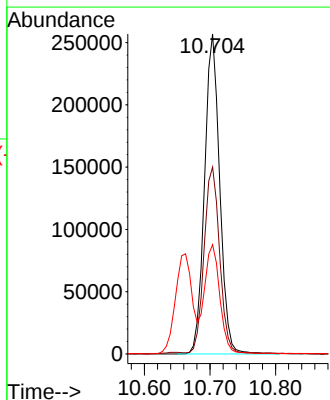
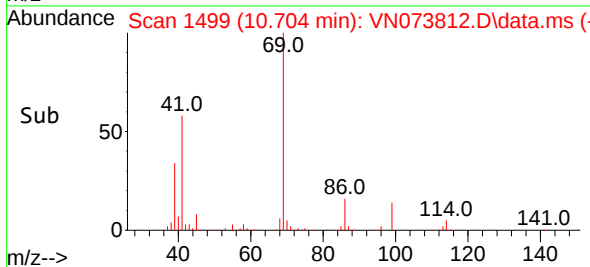
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#56
Ethyl methacrylate
Concen: 62.207 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



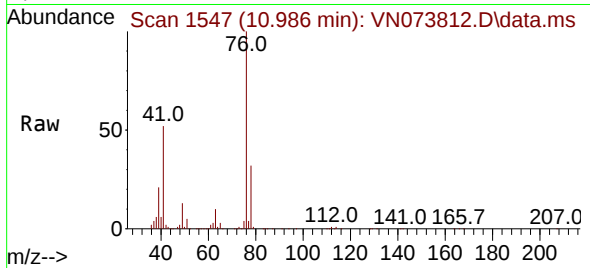
Tgt Ion:	69	Resp:	414050
Ion	Ratio	Lower	Upper
69	100		
41	59.3	47.8	71.6
39	34.7	27.3	40.9





#57
1,3-Dichloropropane
Concen: 53.492 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

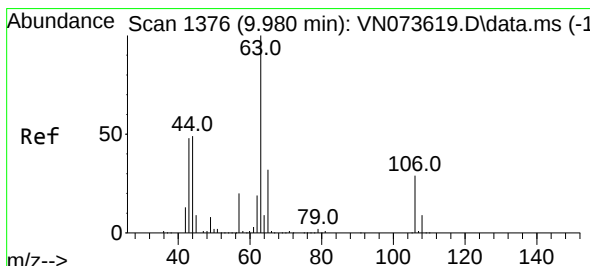
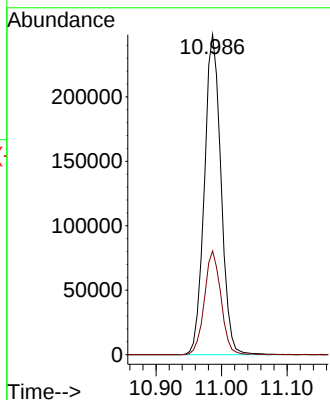
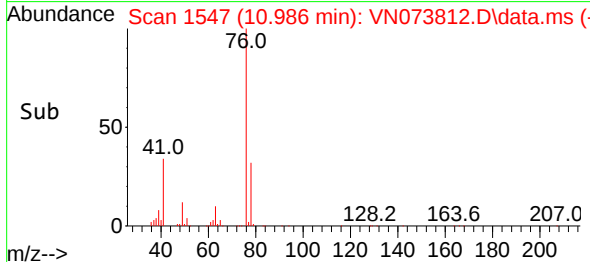
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 438289
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.2

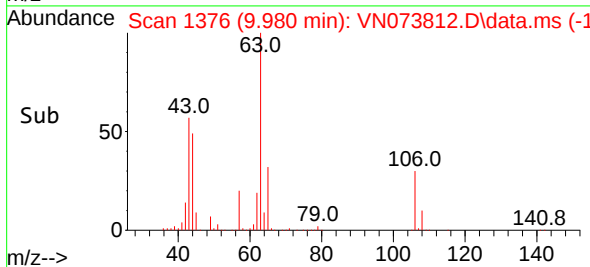
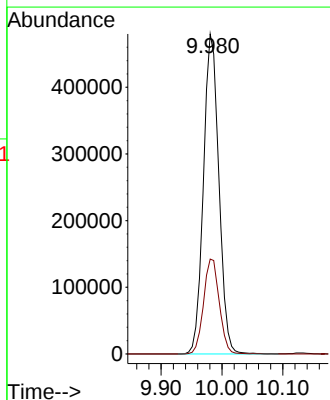
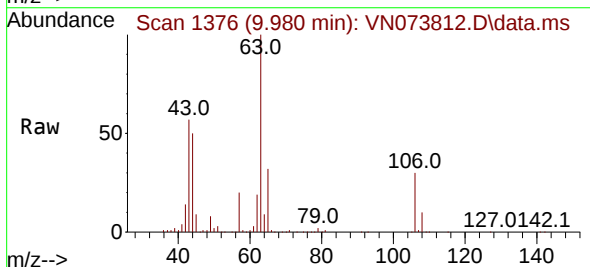
Manual Integrations
APPROVED

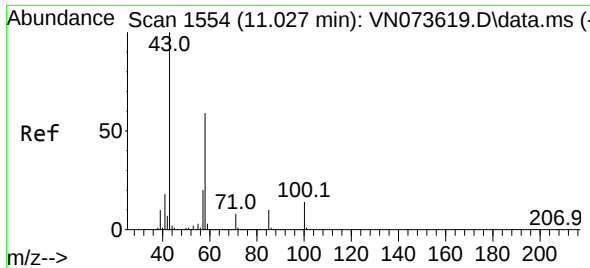
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#58
2-Chloroethyl Vinyl ether
Concen: 240.499 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

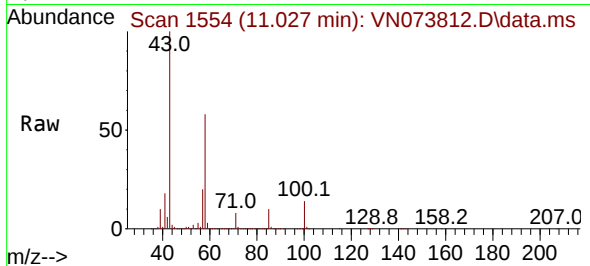
Tgt Ion: 63 Resp: 845703
Ion Ratio Lower Upper
63 100
106 30.2 24.6 36.8





#59
2-Hexanone
Concen: 288.578 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

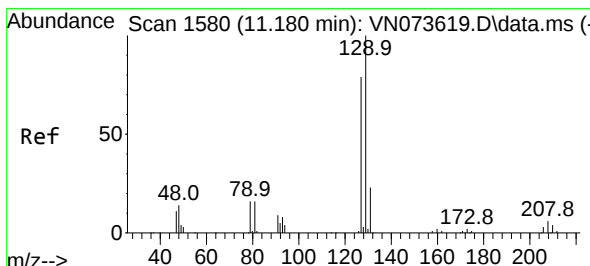
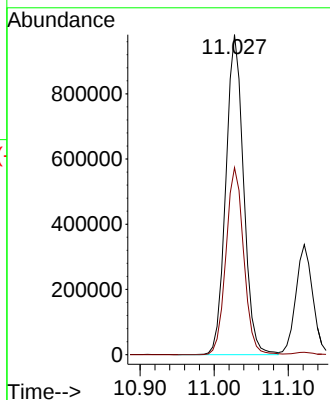
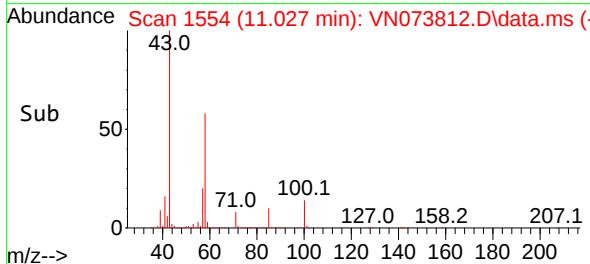
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 162866
Ion Ratio Lower Upper
43 100
58 58.5 29.7 89.1

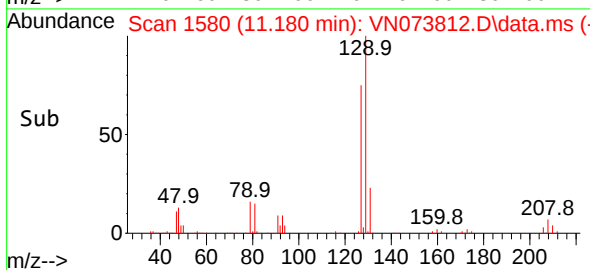
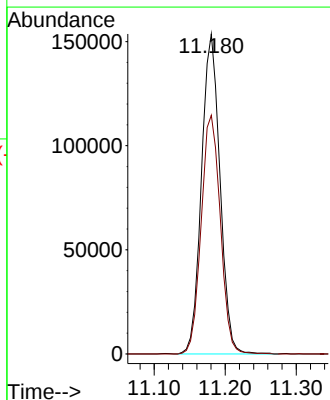
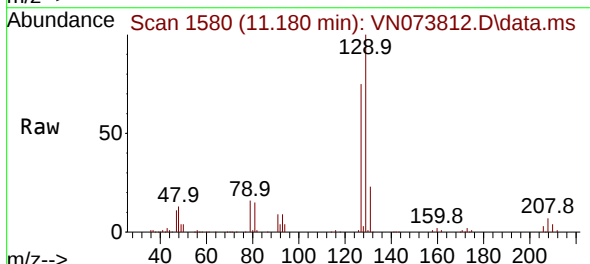
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#60
Dibromochloromethane
Concen: 57.945 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

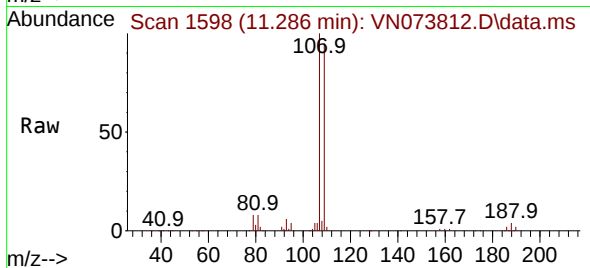
Tgt Ion:129 Resp: 278391
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 55.603 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

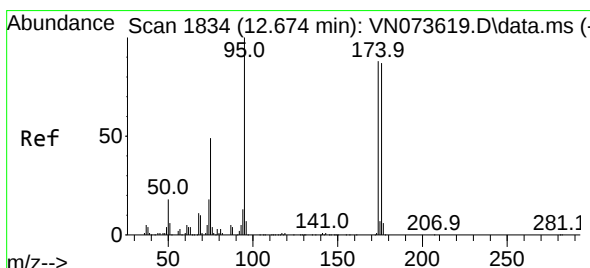
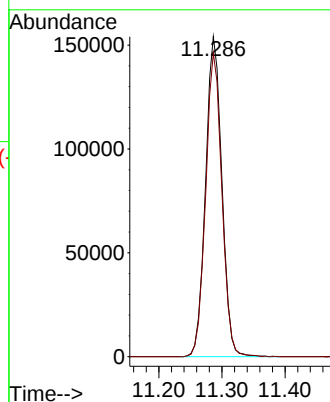
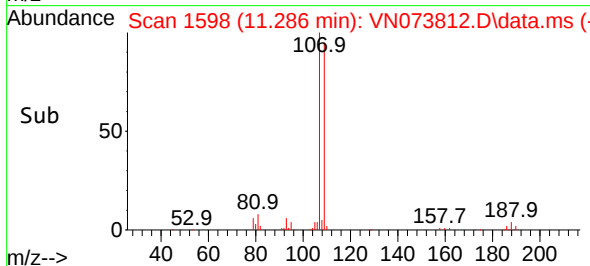
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



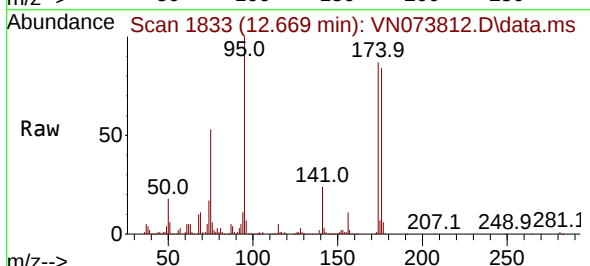
Tgt Ion:107 Resp: 276559
Ion Ratio Lower Upper
107 100
109 94.4 75.0 112.6

Manual Integrations
APPROVED

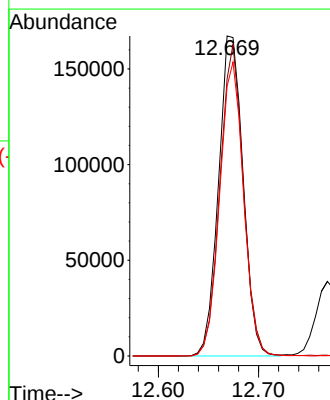
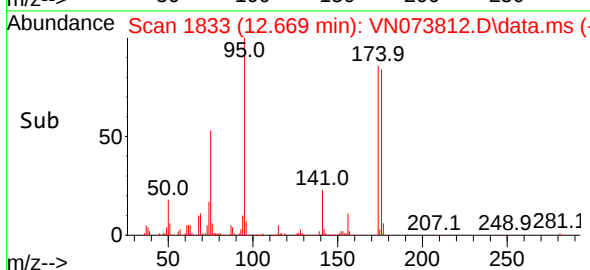
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

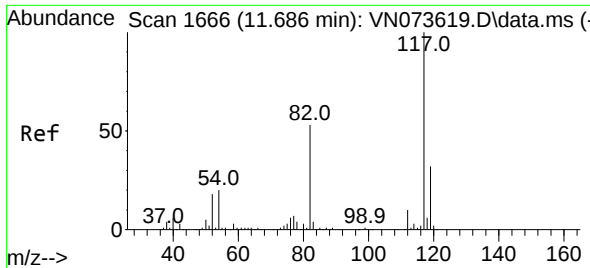


#62
4-Bromofluorobenzene
Concen: 50.119 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



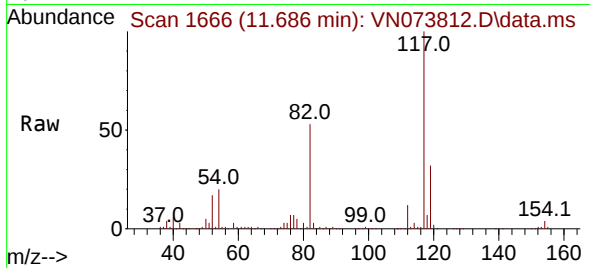
Tgt Ion: 95 Resp: 283669
Ion Ratio Lower Upper
95 100
174 92.9 0.0 167.6
176 89.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

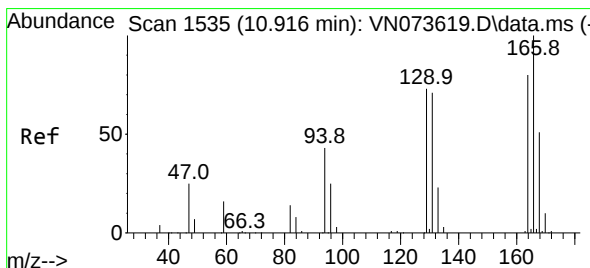
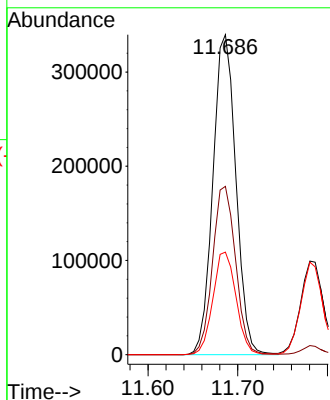
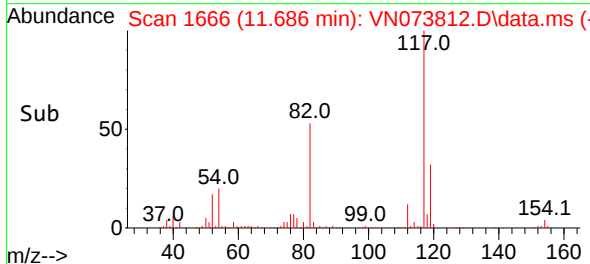
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



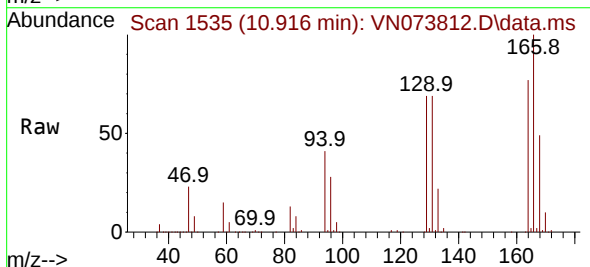
Tgt Ion:117 Resp: 60477
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

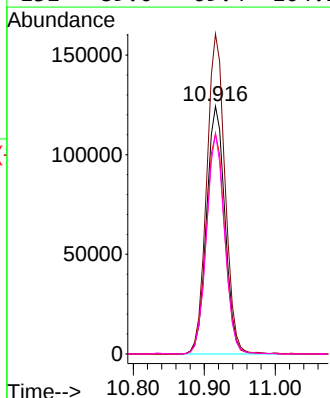
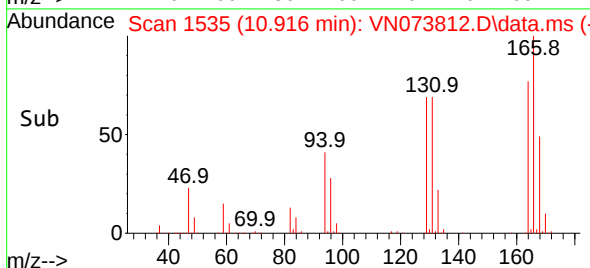
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

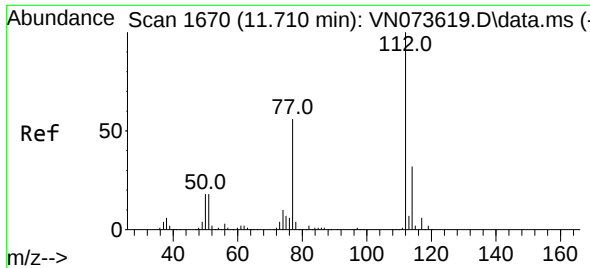


#64
Tetrachloroethene
Concen: 46.636 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



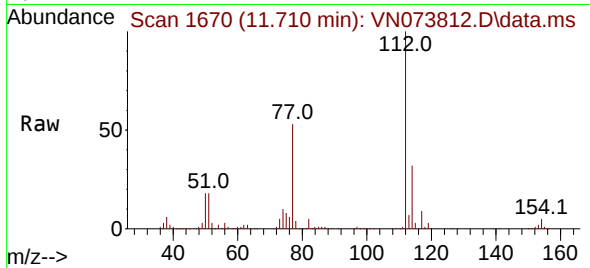
Tgt Ion:164 Resp: 224145
Ion Ratio Lower Upper
164 100
166 129.1 104.2 156.2
129 88.8 73.9 110.9
131 89.0 69.4 104.2





#65
Chlorobenzene
Concen: 54.292 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

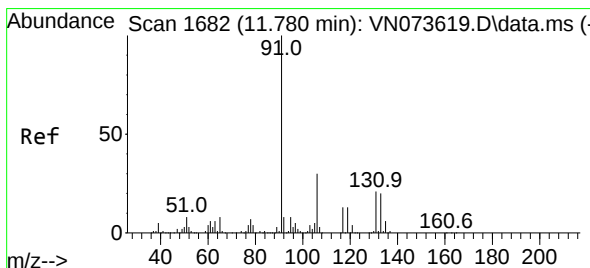
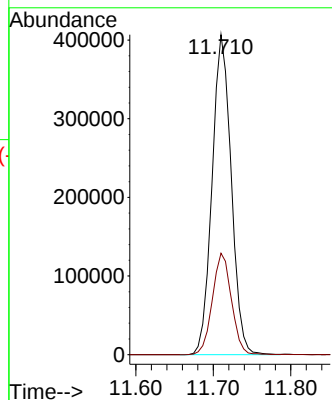
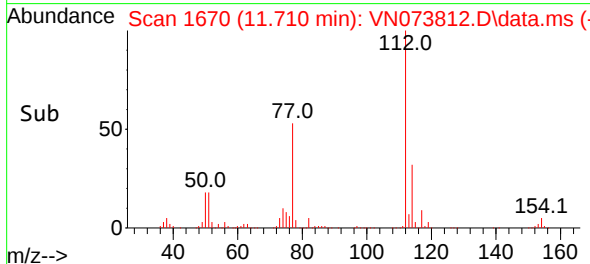
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



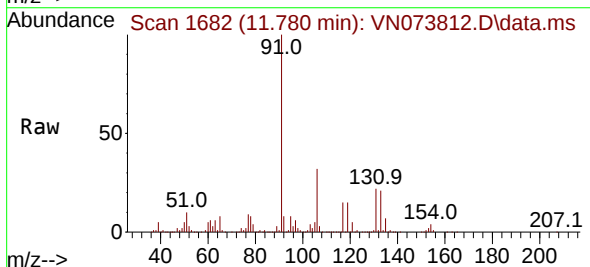
Tgt Ion:112 Resp: 697430
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

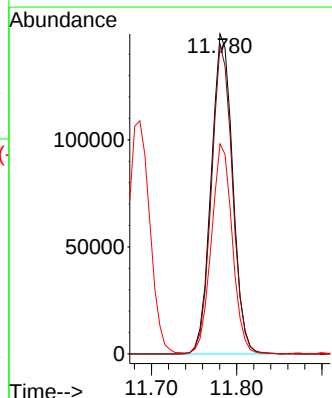
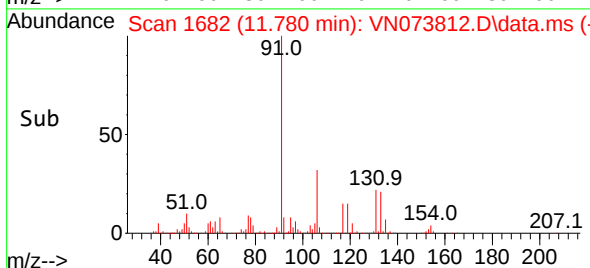
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

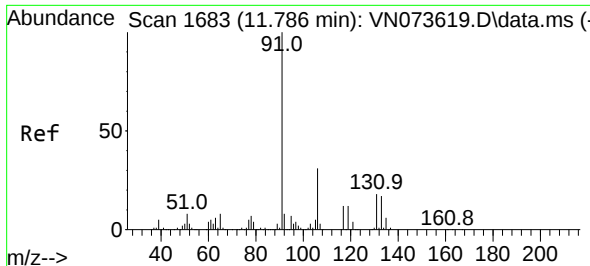


#66
1,1,1,2-Tetrachloroethane
Concen: 56.862 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



Tgt Ion:131 Resp: 261992
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 64.0 33.4 100.2





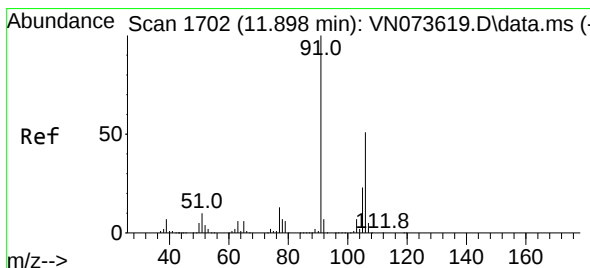
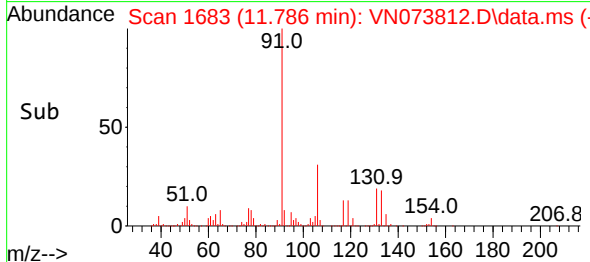
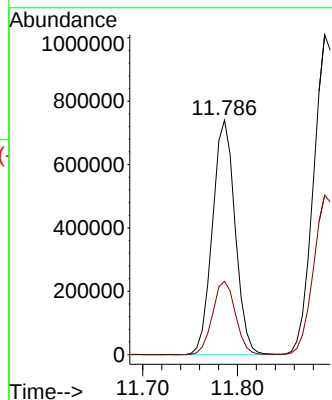
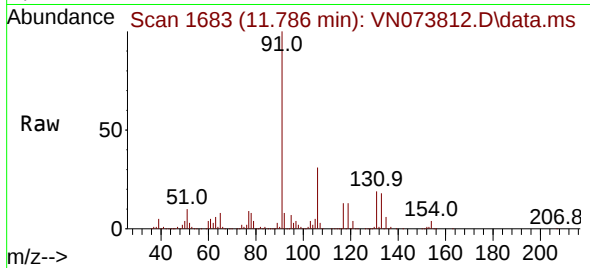
#67
Ethyl Benzene
Concen: 56.780 ug/l
RT: 11.786 min Scan# 110
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 123051
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

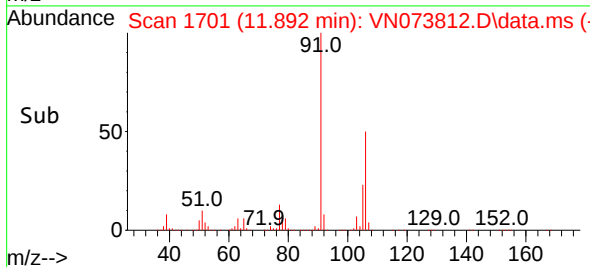
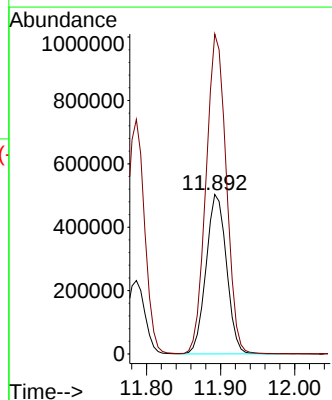
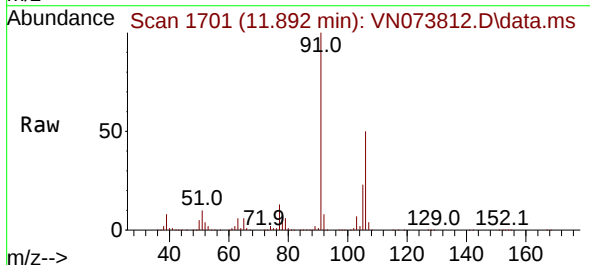
Manual Integrations
APPROVED

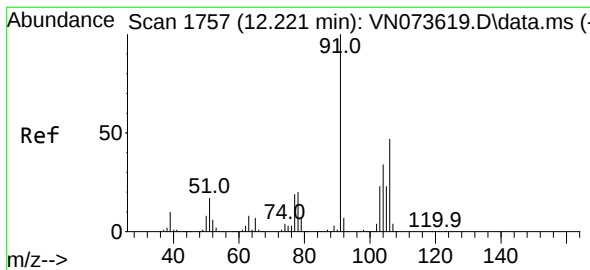
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#68
m/p-Xylenes
Concen: 116.371 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

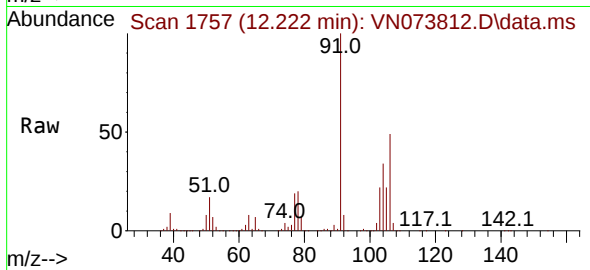
Tgt Ion:106 Resp: 961873
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3





#69
o-Xylene
Concen: 59.660 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

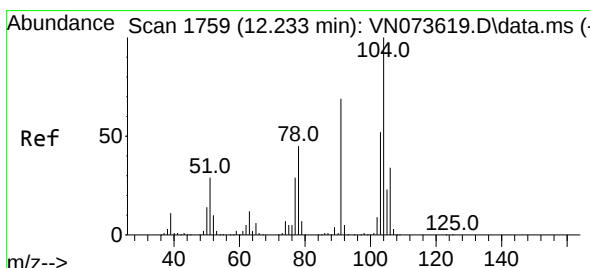
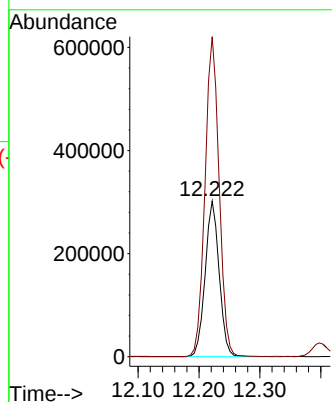
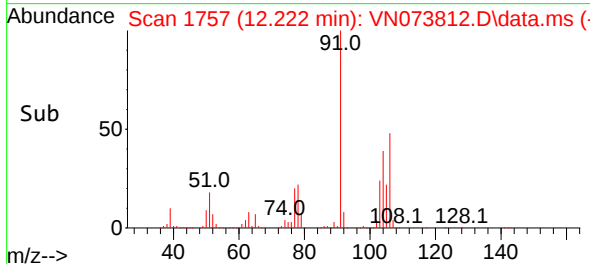
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 480759
Ion Ratio Lower Upper
106 100
91 207.3 106.0 318.0

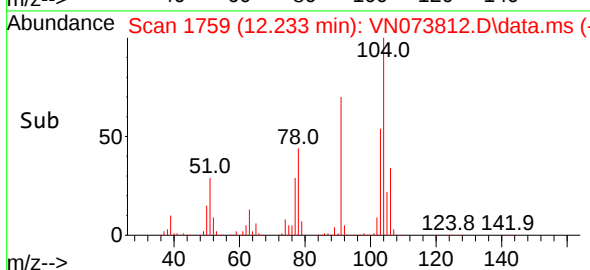
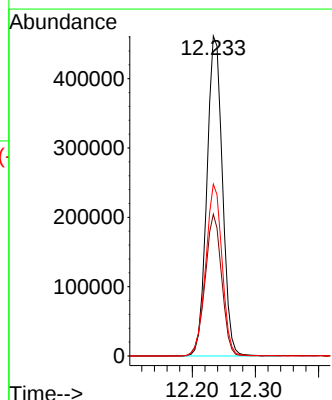
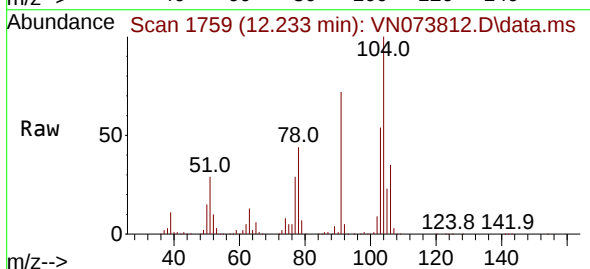
Manual Integrations
APPROVED

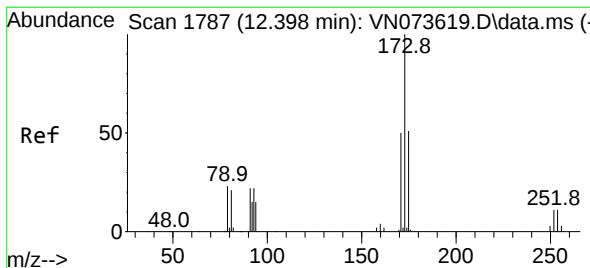
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#70
Styrene
Concen: 61.342 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

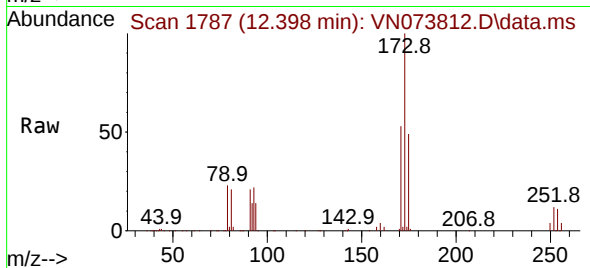
Tgt Ion:104 Resp: 791286
Ion Ratio Lower Upper
104 100
78 47.0 39.5 59.3
103 56.3 44.0 66.0





#71
Bromoform
Concen: 60.086 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

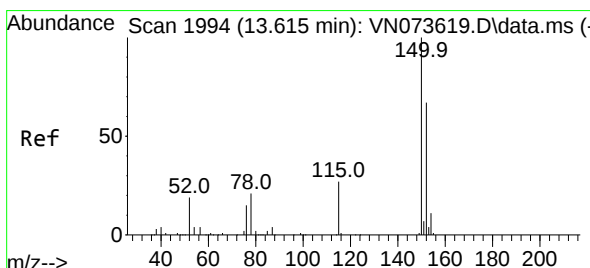
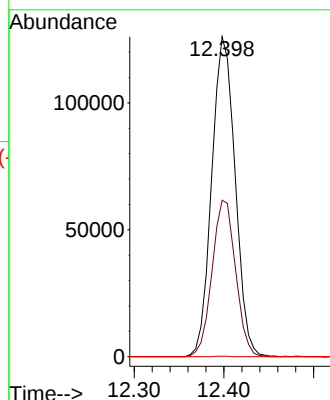
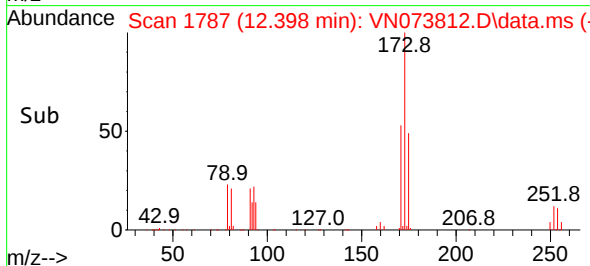
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



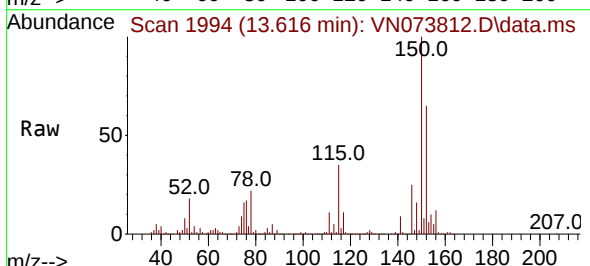
Tgt Ion:173 Resp: 22851
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

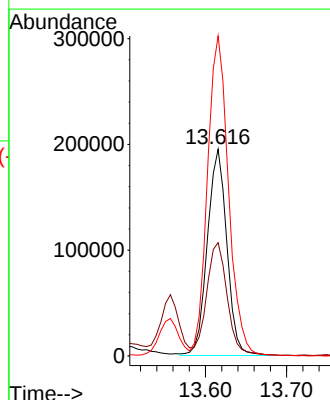
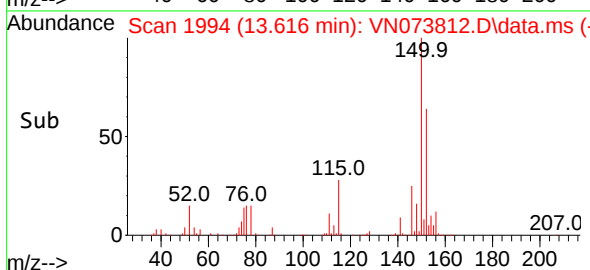
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



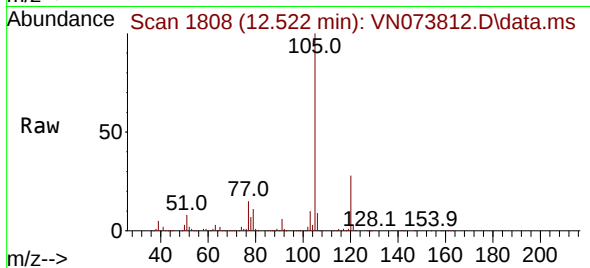
Tgt Ion:152 Resp: 325814
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.7
150 167.7 0.0 356.2





#73
Isopropylbenzene
Concen: 51.259 ug/l
RT: 12.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

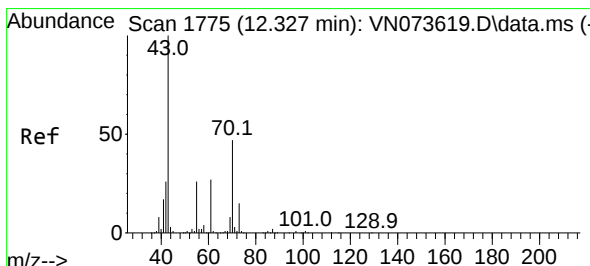
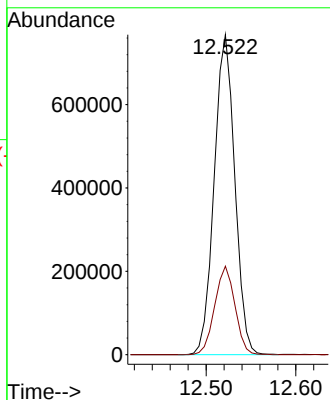
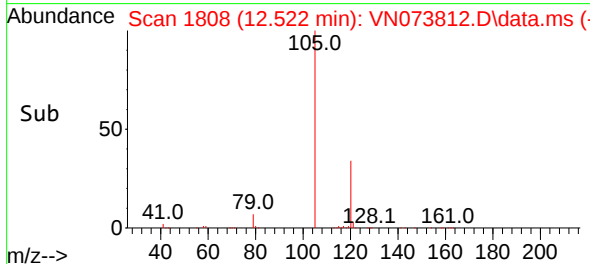
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



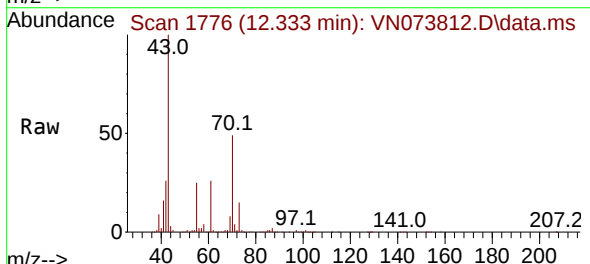
Tgt Ion:105 Resp: 122254
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
APPROVED

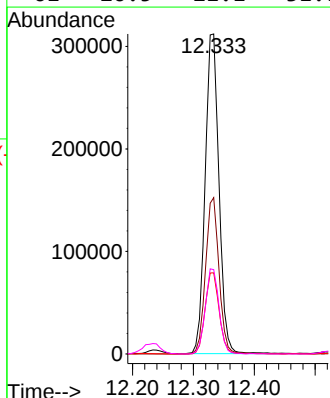
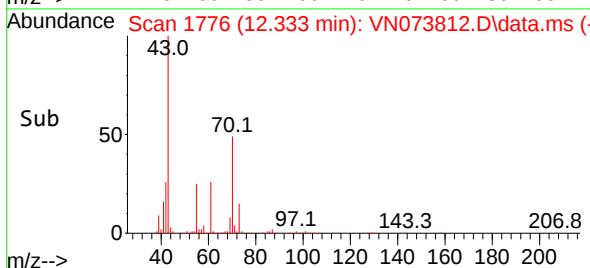
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

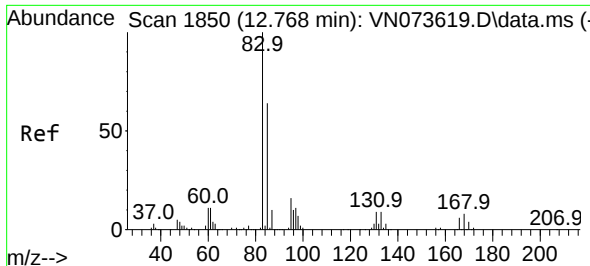


#74
N-ethyl acetate
Concen: 54.478 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



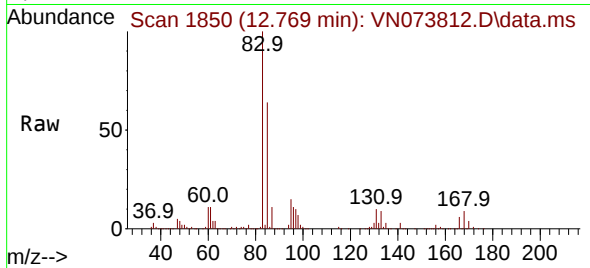
Tgt Ion: 43 Resp: 490918
Ion Ratio Lower Upper
43 100
70 47.8 39.0 58.4
55 26.1 21.1 31.7
61 26.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.814 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

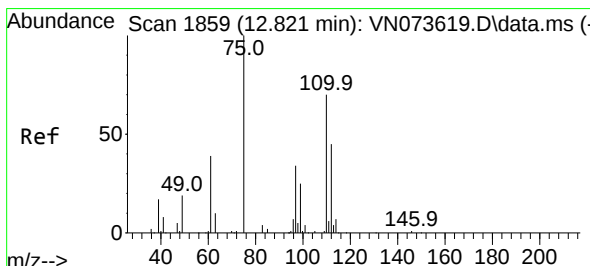
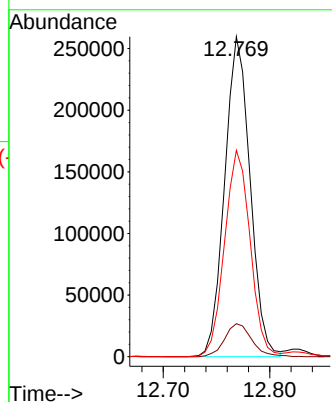
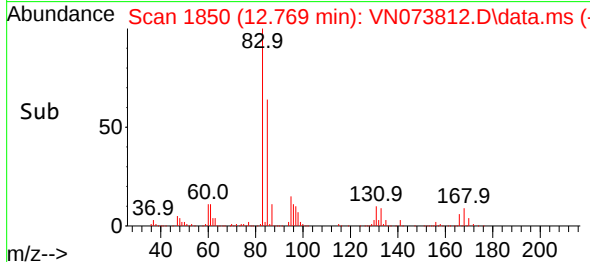
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 430859
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.9
85 64.9 32.3 96.9

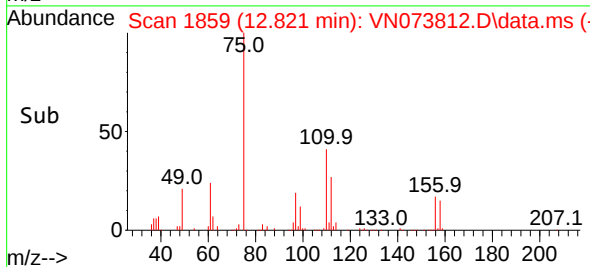
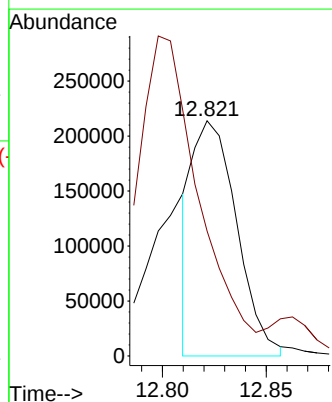
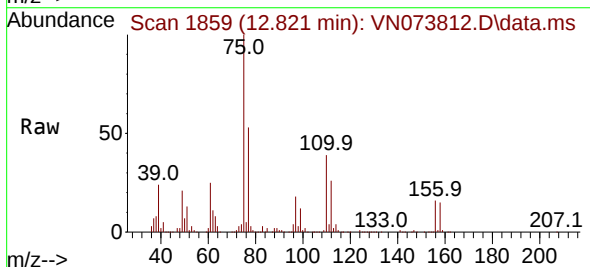
Manual Integrations
APPROVED

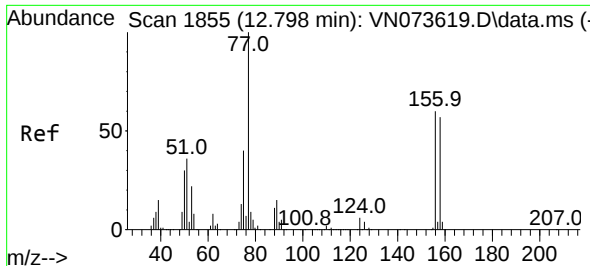
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#76
1,2,3-Trichloropropane
Concen: 53.338 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

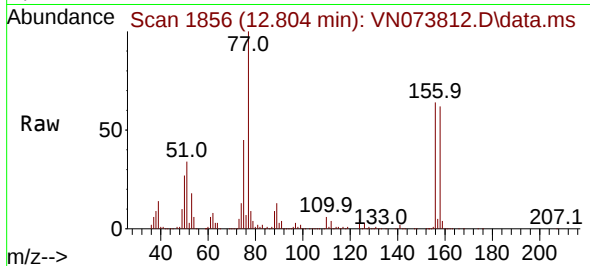
Tgt Ion: 75 Resp: 317073
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 51.542 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

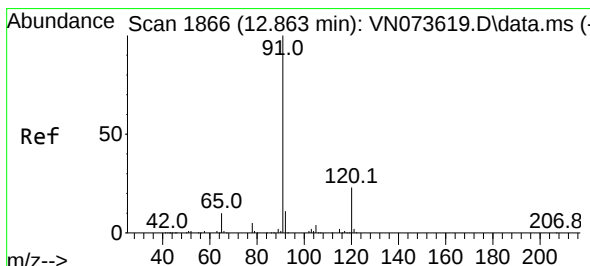
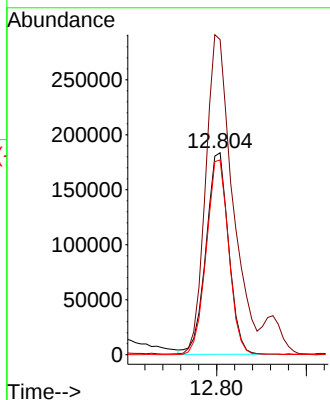
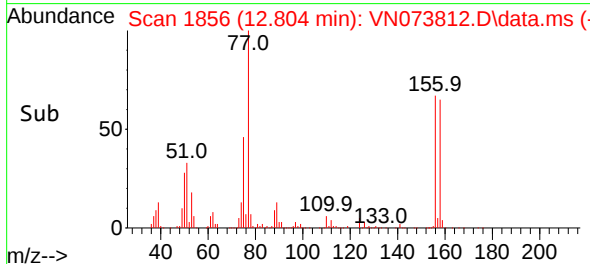
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 320130
Ion Ratio Lower Upper
156 100
77 187.9 100.5 301.5
158 95.7 48.9 146.6

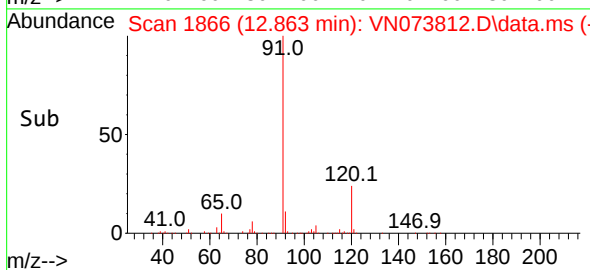
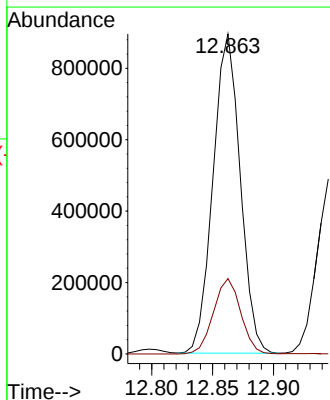
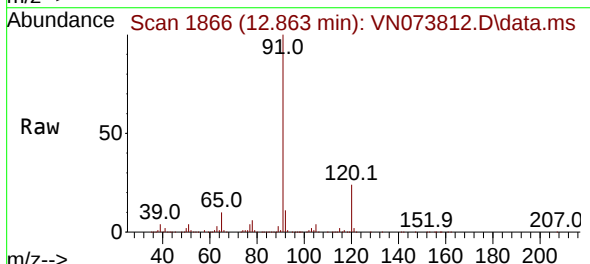
Manual Integrations
APPROVED

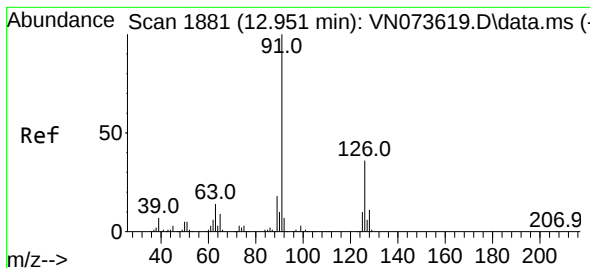
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#78
n-propylbenzene
Concen: 51.752 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

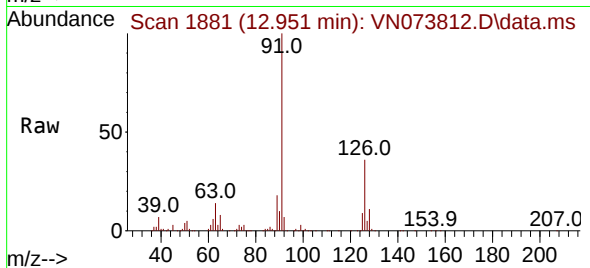
Tgt Ion: 91 Resp: 1388822
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 49.961 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

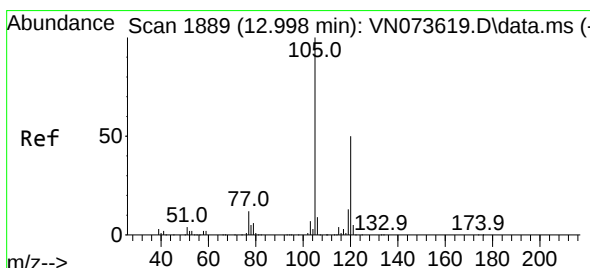
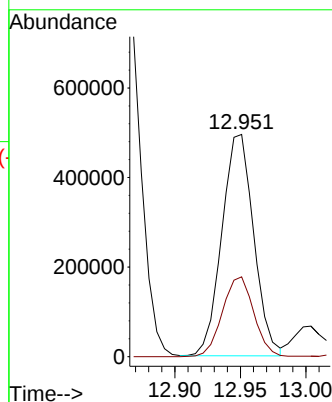
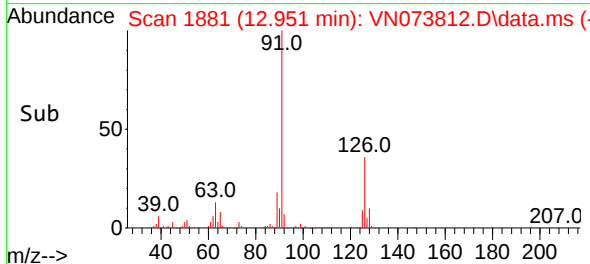
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



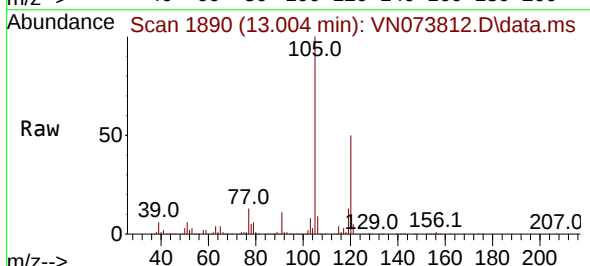
Tgt Ion: 91 Resp: 836808
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.9

Manual Integrations
APPROVED

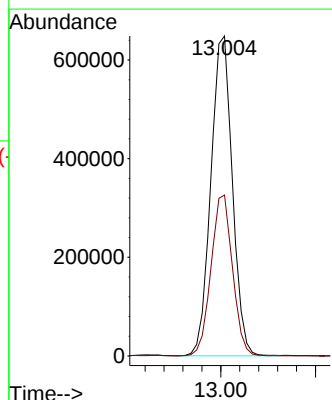
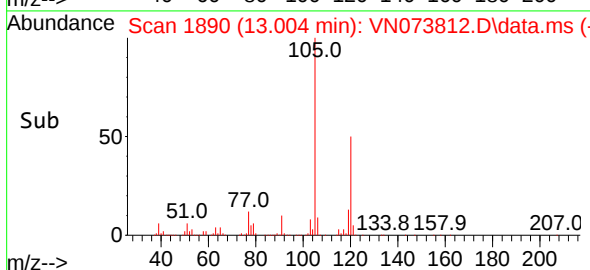
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

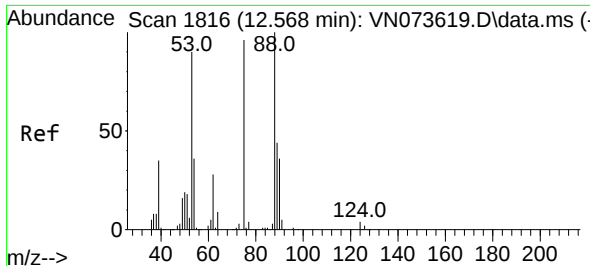


#80
1,3,5-Trimethylbenzene
Concen: 52.117 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



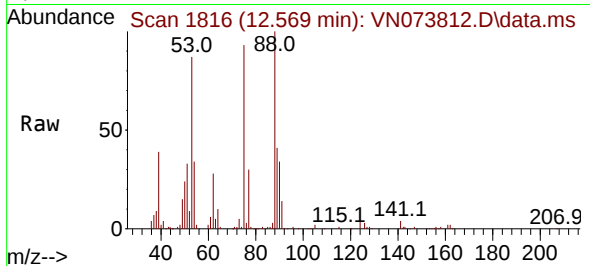
Tgt Ion:105 Resp: 1022919
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 45.285 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

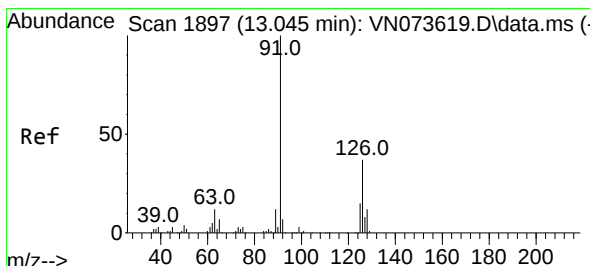
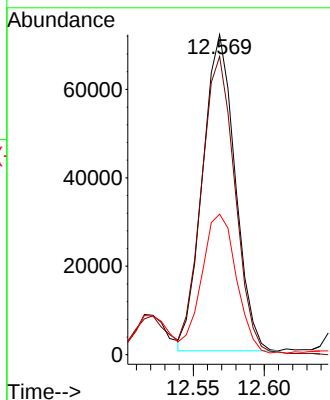
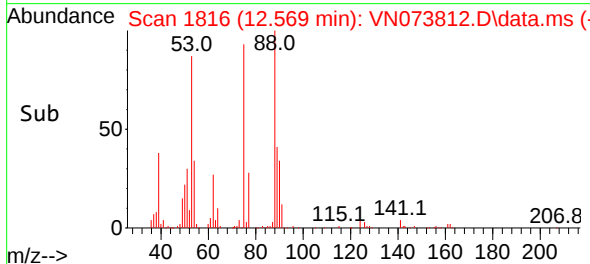
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 11385
Ion Ratio Lower Upper
75 100
53 98.3 78.0 117.0
89 47.7 37.2 55.8

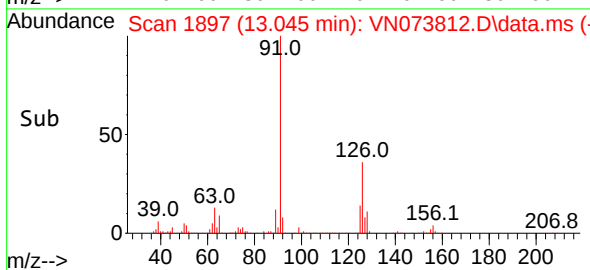
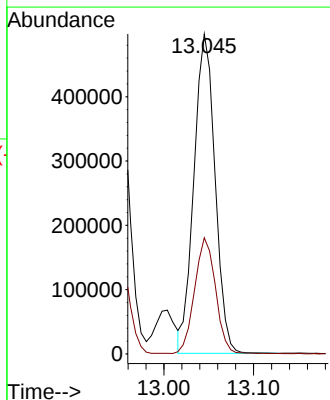
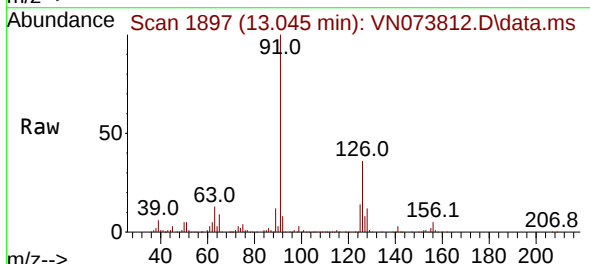
Manual Integrations
APPROVED

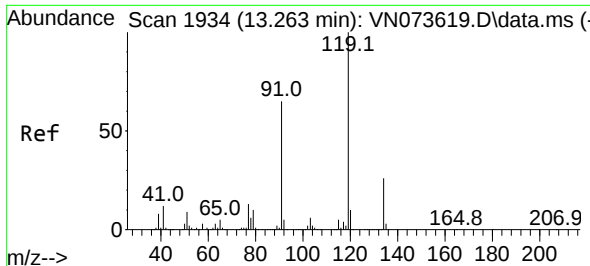
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#82
4-Chlorotoluene
Concen: 51.085 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

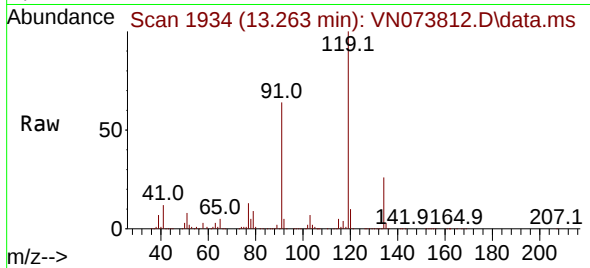
Tgt Ion: 91 Resp: 810954
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.690 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

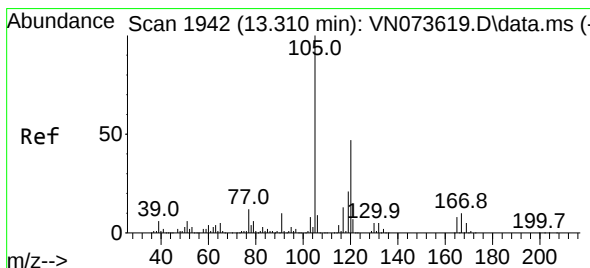
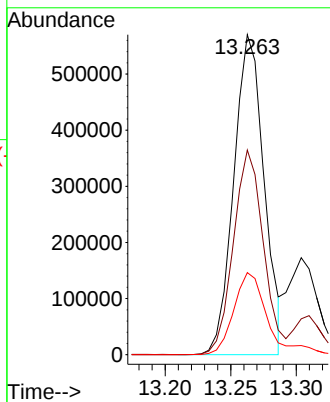
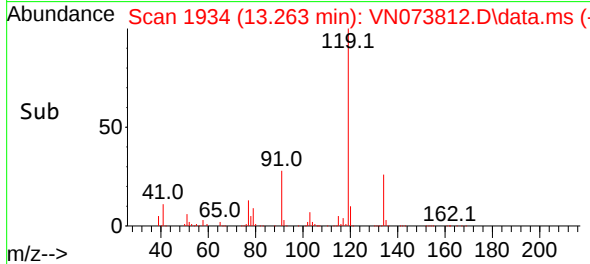
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



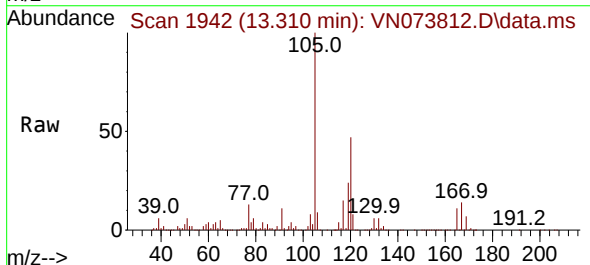
Tgt Ion:119 Resp: 916010
Ion Ratio Lower Upper
119 100
91 63.3 31.6 94.8
134 28.5 13.7 41.1

Manual Integrations
APPROVED

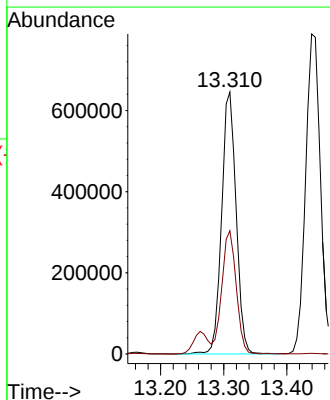
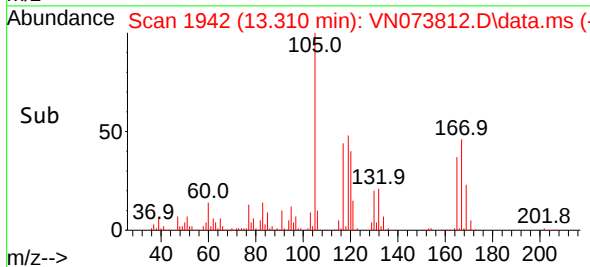
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#84
1,2,4-Trimethylbenzene
Concen: 53.224 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



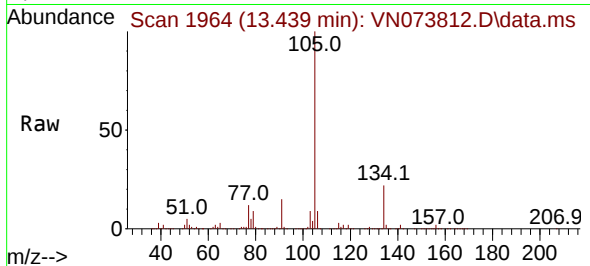
Tgt Ion:105 Resp: 1027195
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 53.560 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073812.D
 Acq: 10 Aug 2022 21:08

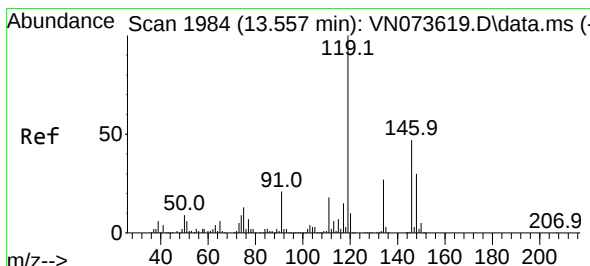
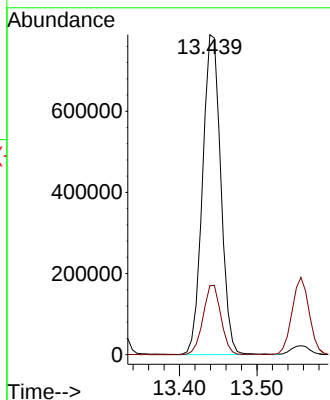
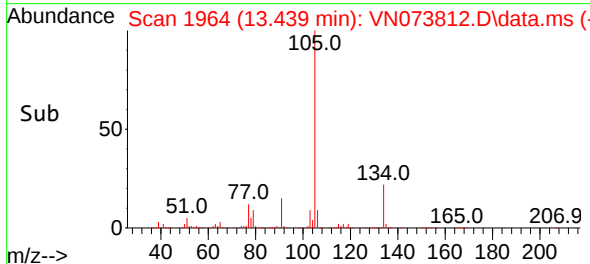
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



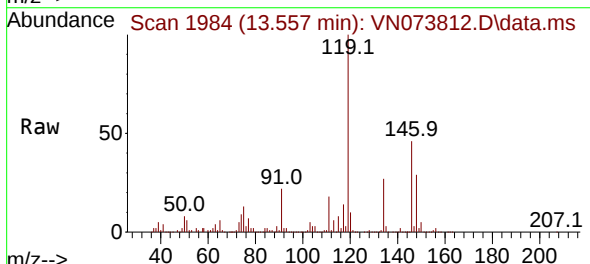
Tgt Ion:105 Resp: 1286944
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1

Manual Integrations
 APPROVED

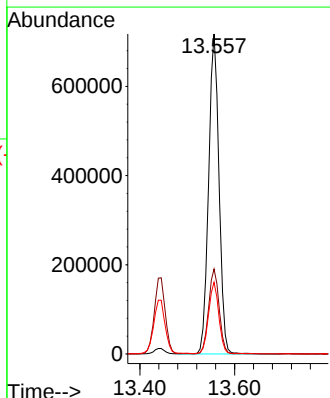
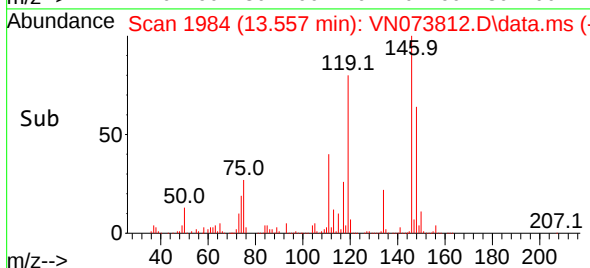
Reviewed By :John Carlone 08/11/2022
 Supervised By :Mahesh Dadoda 08/11/2022

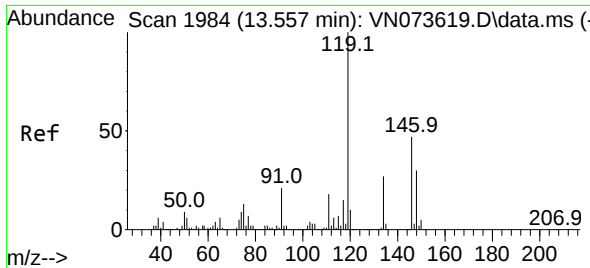


#86
 p-Isopropyltoluene
 Concen: 57.750 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073812.D
 Acq: 10 Aug 2022 21:08



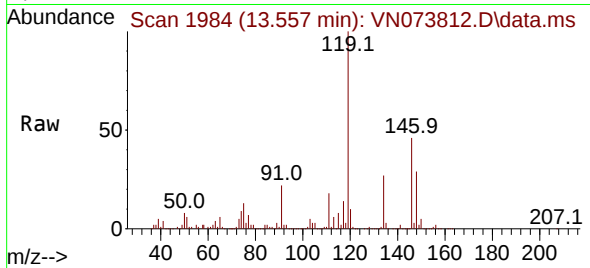
Tgt Ion:119 Resp: 1093898
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.938 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

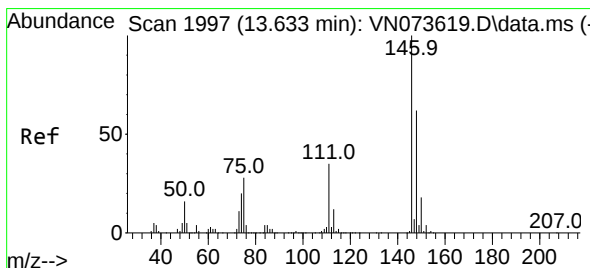
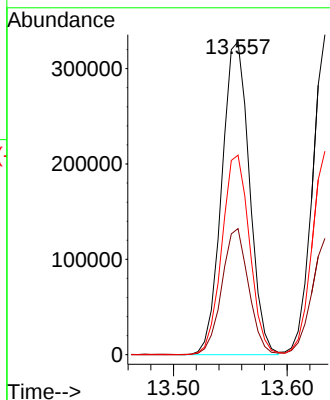
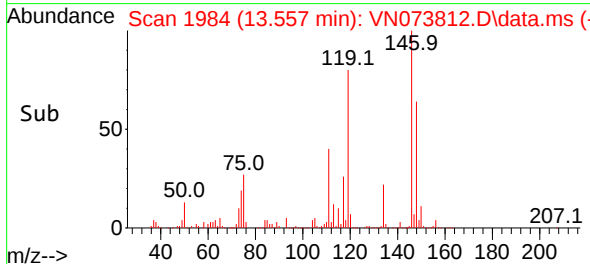
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



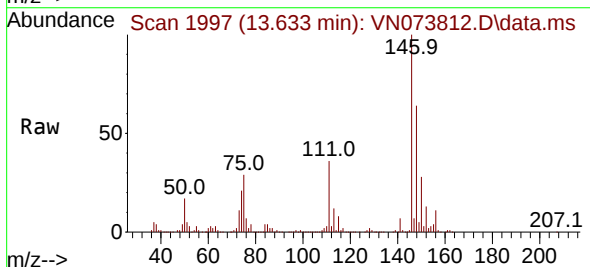
Tgt Ion:146 Resp: 554820
Ion Ratio Lower Upper
146 100
111 39.1 20.0 60.0
148 64.0 32.0 96.0

Manual Integrations
APPROVED

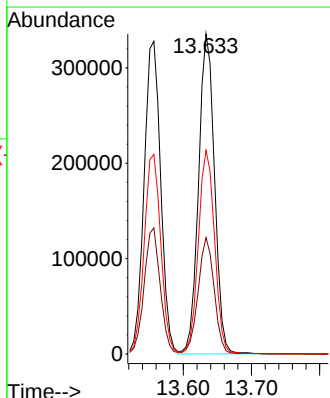
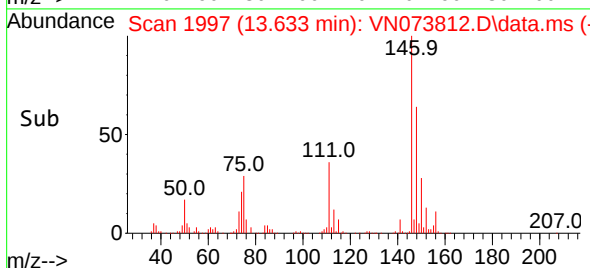
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

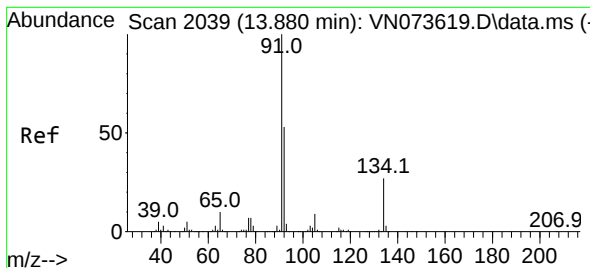


#88
1,4-Dichlorobenzene
Concen: 48.179 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



Tgt Ion:146 Resp: 546511
Ion Ratio Lower Upper
146 100
111 36.7 19.1 57.1
148 64.6 31.4 94.3





#89

n-Butylbenzene

Concen: 55.624 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

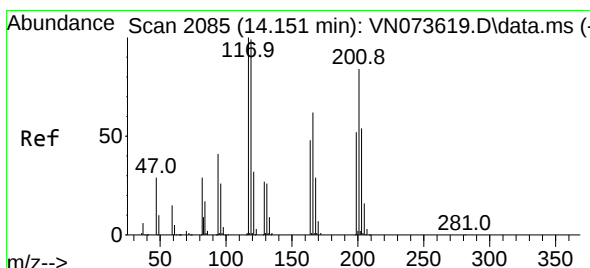
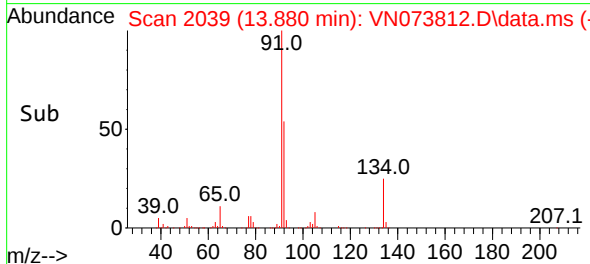
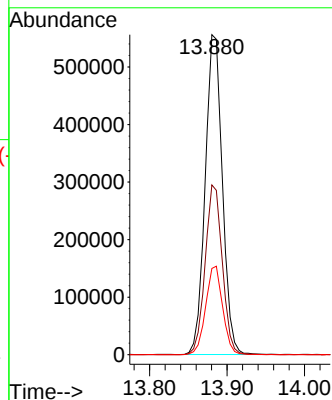
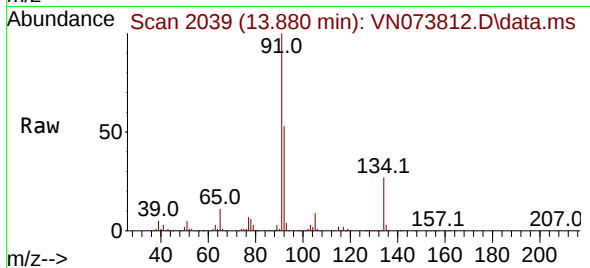
Tgt Ion: 91 Resp: 85728
 Ion Ratio Lower Upper
 91 100
 92 52.9 26.9 80.7
 134 27.4 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2022

Supervised By :Mahesh Dadoda 08/11/2022



#90

Hexachloroethane

Concen: 50.969 ug/l

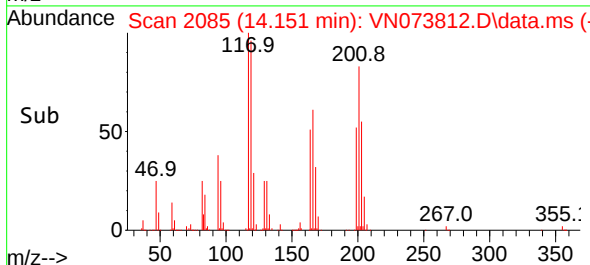
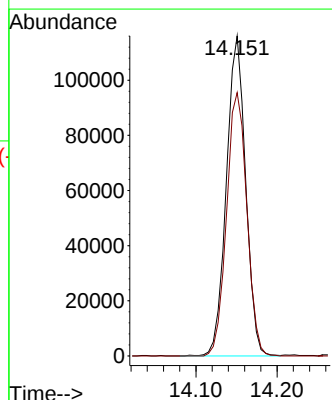
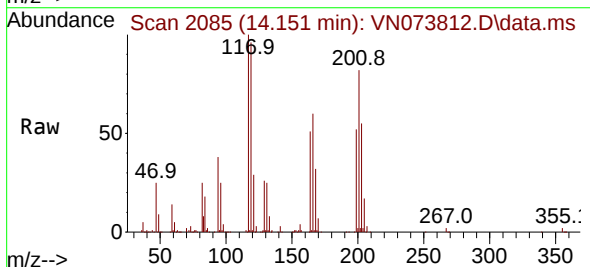
RT: 14.151 min Scan# 2085

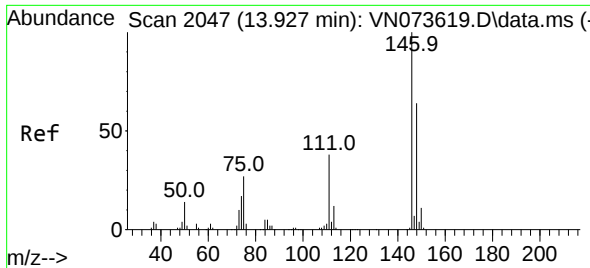
Delta R.T. 0.000 min

Lab File: VN073812.D

Acq: 10 Aug 2022 21:08

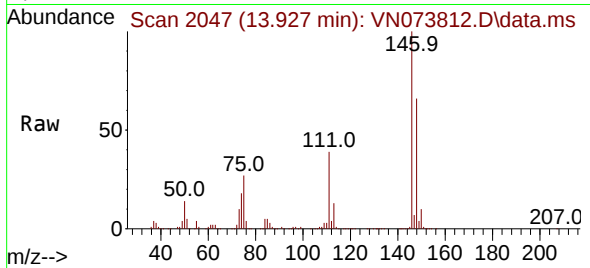
Tgt Ion:117 Resp: 191553
 Ion Ratio Lower Upper
 117 100
 201 86.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.311 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

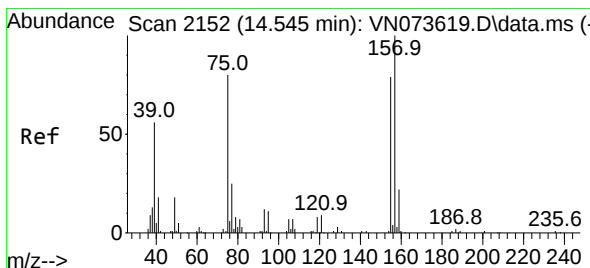
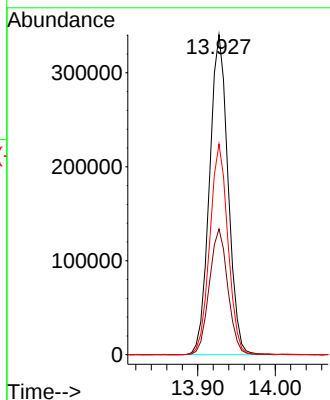
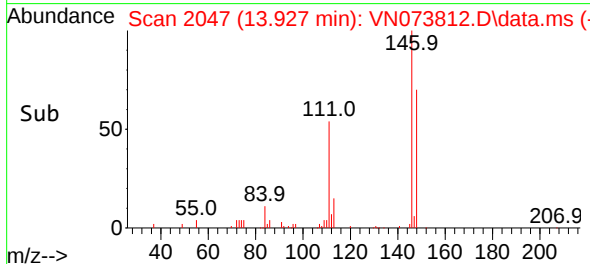
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



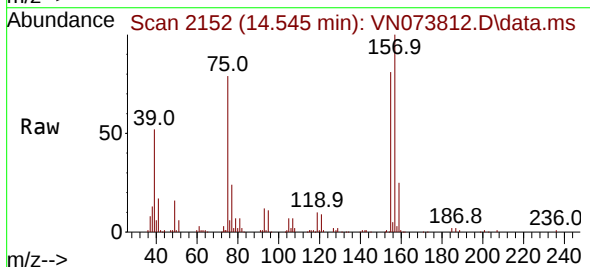
Tgt Ion:146 Resp: 56650
Ion Ratio Lower Upper
146 100
111 39.2 20.9 62.8
148 64.4 32.1 96.3

Manual Integrations
APPROVED

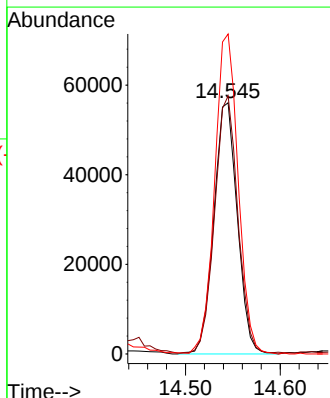
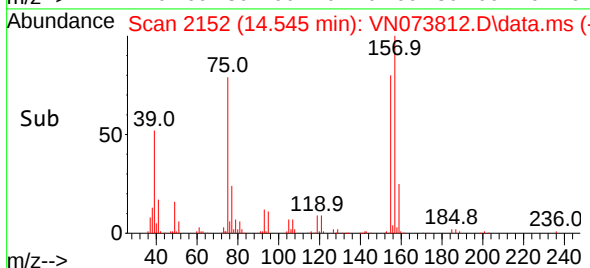
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

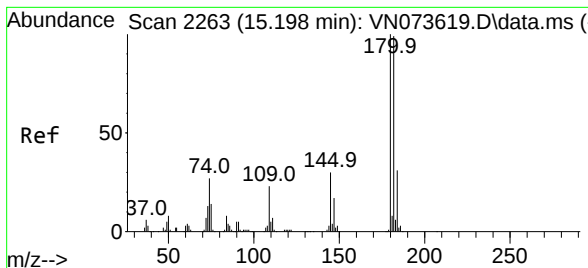


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.216 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



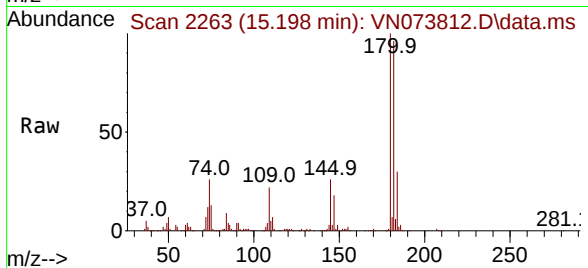
Tgt Ion: 75 Resp: 96557
Ion Ratio Lower Upper
75 100
155 100.9 44.9 134.5
157 127.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 59.750 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

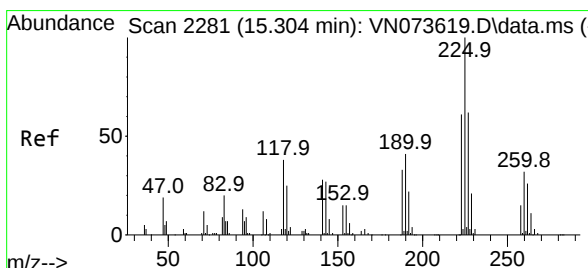
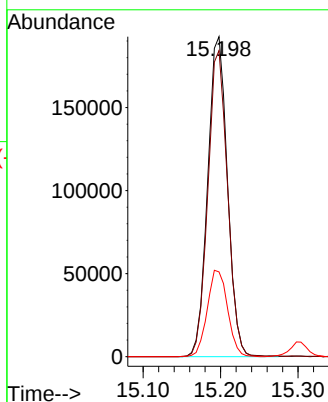
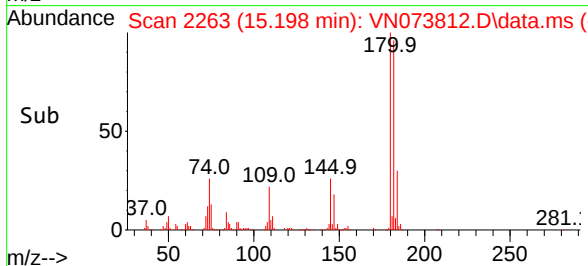
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



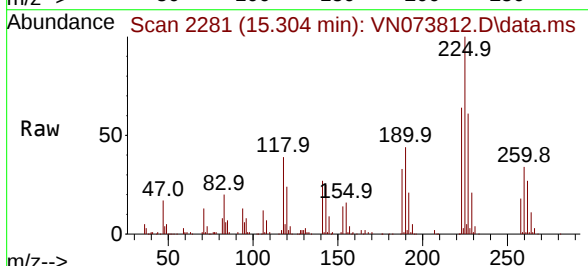
Tgt Ion:180 Resp: 34087
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 27.8 14.5 43.5

Manual Integrations
APPROVED

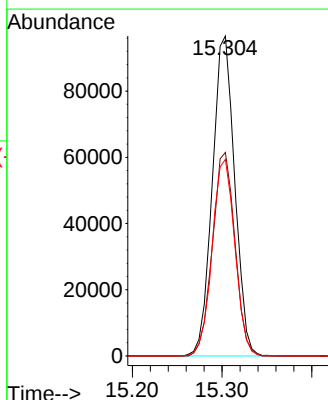
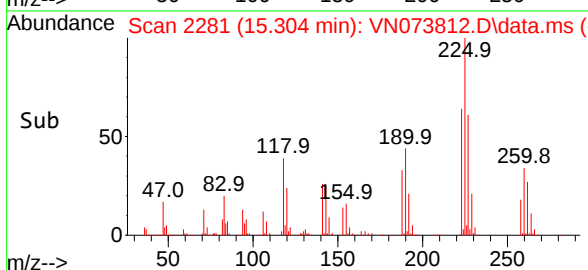
Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022

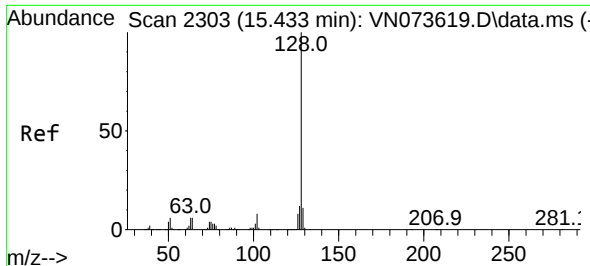


#94
Hexachlorobutadiene
Concen: 53.852 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08



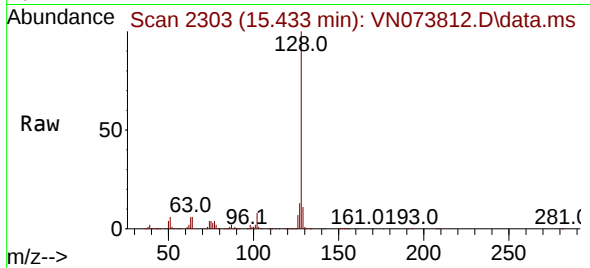
Tgt Ion:225 Resp: 167024
Ion Ratio Lower Upper
225 100
223 64.2 32.4 97.2
227 62.6 31.8 95.4





#95
Naphthalene
Concen: 84.352 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

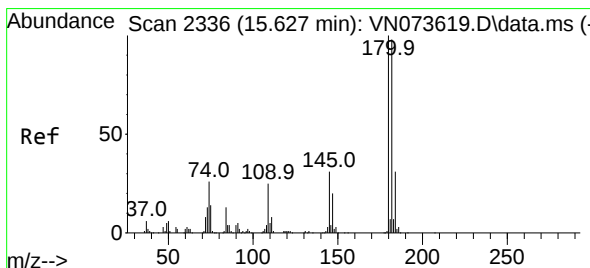
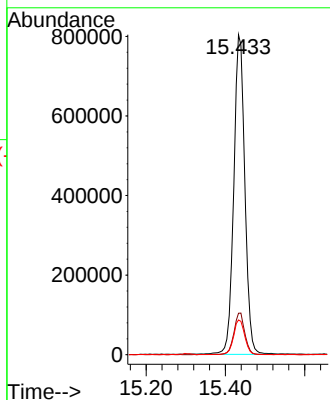
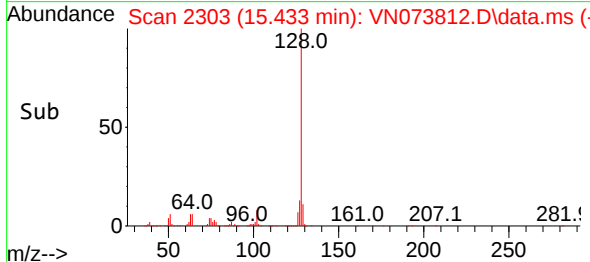
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 156163
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2022
Supervised By :Mahesh Dadoda 08/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 58.473 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073812.D
Acq: 10 Aug 2022 21:08

Tgt Ion:180 Resp: 351098
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 29.5 15.5 46.5

