

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073540.D
 Acq On : 20 Jul 2022 22:37
 Operator : JC\MD
 Sample : N3779-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-F

Quant Time: Jul 21 08:27:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	319114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	514724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	489367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	257026	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	193736	42.055	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.100%
35) Dibromofluoromethane	7.951	113	159404	46.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	10.380	98	556351	45.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.480%
62) 4-Bromofluorobenzene	12.674	95	243716	52.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.280%

Target Compounds					Qvalue	
3) Chloromethane	2.257	50	1192	0.263	ug/l #	43
5) Bromomethane	2.816	94	465	0.256	ug/l #	2
6) Chloroethane	3.040	64	1486	0.656	ug/l #	59
10) Methyl Iodide	4.346	142	138	3.760	ug/l #	44
11) Tert butyl alcohol	5.298	59	5574	4.995	ug/l #	83
13) Acrolein	3.987	56	1160	1.645	ug/l	94
14) Allyl chloride	4.716	41	5259	0.665	ug/l #	37
16) Acetone	4.216	43	765445	296.012	ug/l	93
17) Carbon Disulfide	4.457	76	27510	2.824	ug/l	95
18) Methyl Acetate	4.793	43	51123	7.055	ug/l	90
23) Vinyl Acetate	6.381	43	2748	0.208	ug/l #	68
25) 2-Butanone	7.263	43	92183	22.391	ug/l	92
28) Bromochloromethane	7.739	49	2764	0.864	ug/l #	8
30) Chloroform	7.745	83	27141	3.526	ug/l	98
31) Cyclohexane	8.022	56	8140	1.079	ug/l #	31
36) 1,1-Dichloropropene	8.016	75	24915	4.728	ug/l #	49
37) Ethyl Acetate	7.263	43	92183	11.578	ug/l #	67
38) Carbon Tetrachloride	8.016	117	32288	5.925	ug/l #	15
40) Benzene	8.386	78	574103	35.303	ug/l	98
47) Bromodichloromethane	9.698	83	12468	2.287	ug/l	92
48) Methyl methacrylate	9.463	41	3118	0.589	ug/l #	30
51) 4-Methyl-2-Pentanone	10.275	43	4465	0.615	ug/l #	77
52) Toluene	10.445	92	348058	34.633	ug/l	99
55) 1,1,2-Trichloroethane	10.698	97	10629	2.569	ug/l #	20
59) 2-Hexanone	11.022	43	3486	0.630	ug/l	76
60) Dibromochloromethane	11.175	129	5946	1.507	ug/l	95
64) Tetrachloroethene	10.916	164	2343	0.586	ug/l	85
67) Ethyl Benzene	11.786	91	86101	4.285	ug/l	96
68) m/p-Xylenes	11.886	106	183158	24.153	ug/l	98
69) o-Xylene	12.222	106	138680	17.914	ug/l	98
70) Styrene	12.233	104	54680	4.575	ug/l #	68
73) Isopropylbenzene	12.516	105	6488	0.292	ug/l	98
76) 1,2,3-Trichloropropane	12.669	75	130220	19.376	ug/l #	1
77) Bromobenzene	12.680	156	3144	0.609	ug/l #	14
78) n-propylbenzene	12.857	91	16625	0.674	ug/l	91
80) 1,3,5-Trimethylbenzene	12.998	105	59007	3.262	ug/l	100

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

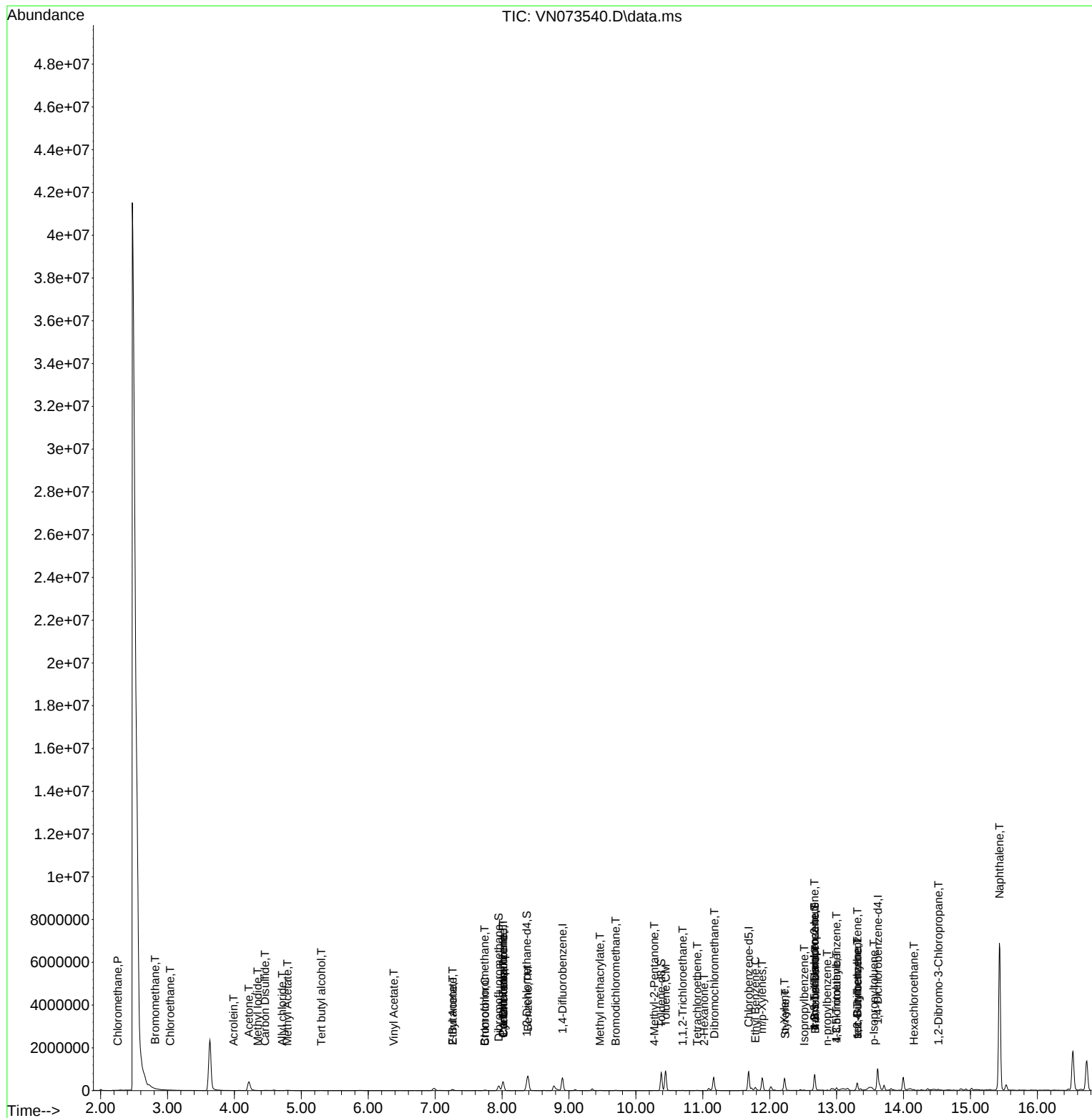
81) trans-1,4-Dichloro-2-b...	12.669	75	130220	53.138	ug/l #	13
82) 4-Chlorotoluene	12.998	91	7136	0.472	ug/l #	42
83) tert-Butylbenzene	13.310	119	22542	1.390	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.310	105	190786	10.563	ug/l	98
85) sec-Butylbenzene	13.310	105	190786	8.760	ug/l #	56
86) p-Isopropyltoluene	13.557	119	3646	0.207	ug/l	91
90) Hexachloroethane	14.157	117	2352	0.717	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.521	75	602	0.336	ug/l #	1
95) Naphthalene	15.433	128	6165121	311.223	ug/l	99

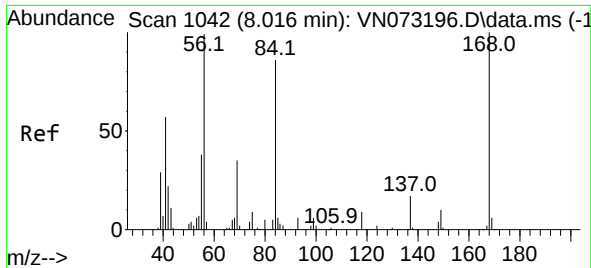
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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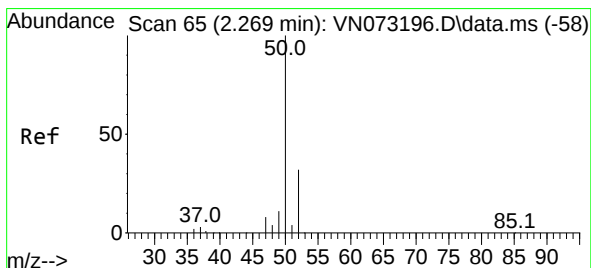
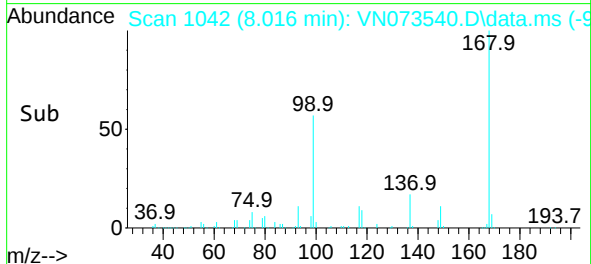
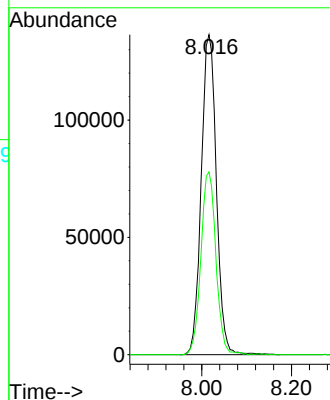
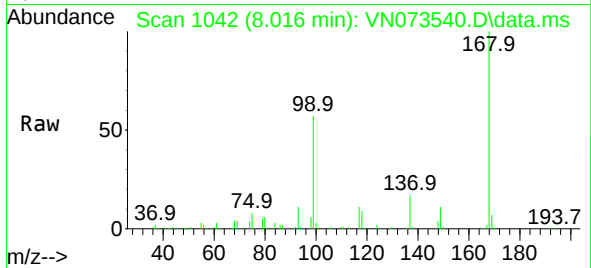




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073540.D
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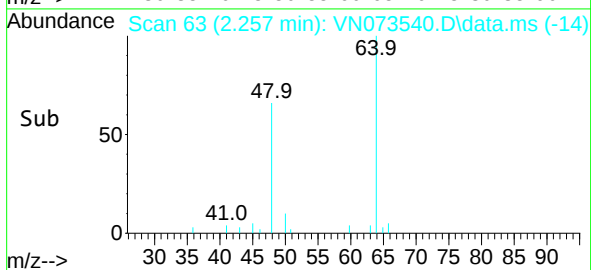
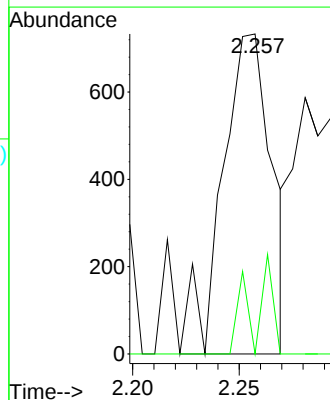
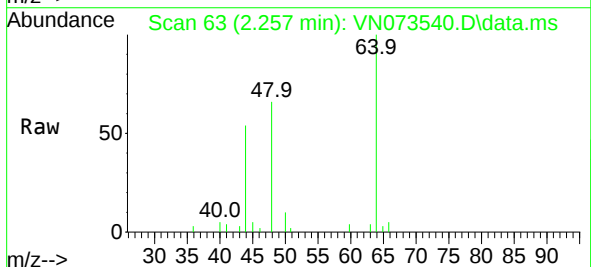
Instrument :
MSVOA_N
ClientSampleId :
070622-F

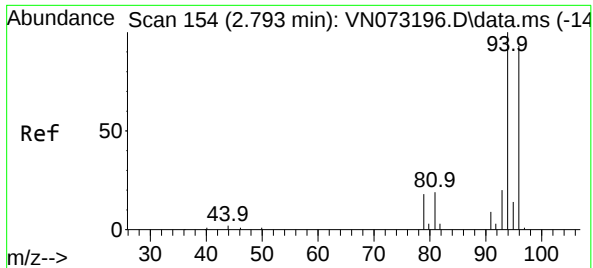
Tgt Ion:168 Resp: 319114
Ion Ratio Lower Upper
168 100
99 57.1 42.3 63.5



#3
Chloromethane
Concen: 0.263 ug/l
RT: 2.257 min Scan# 63
Delta R.T. -0.012 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 50 Resp: 1192
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

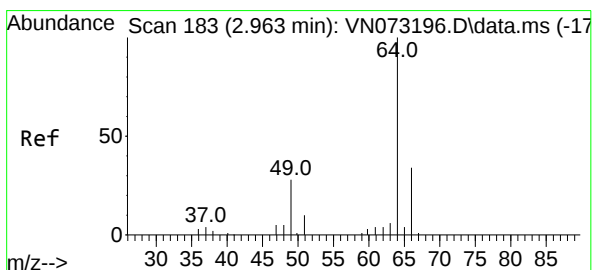
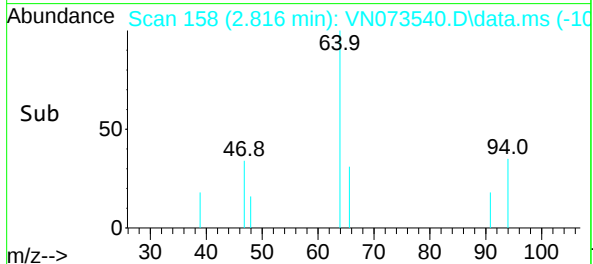
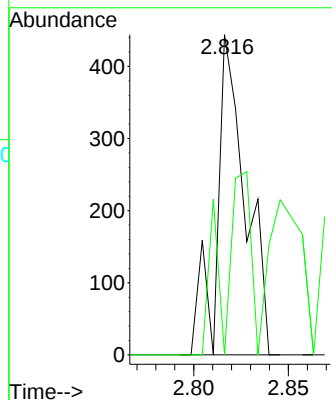
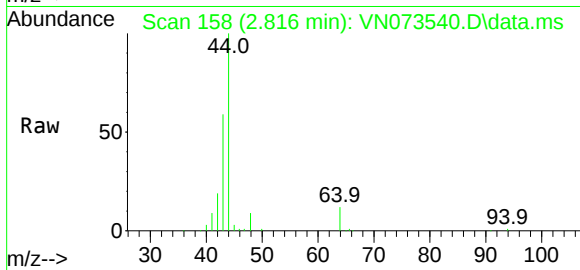




#5
Bromomethane
Concen: 0.256 ug/l
RT: 2.816 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

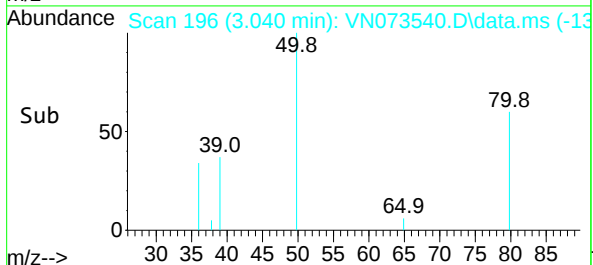
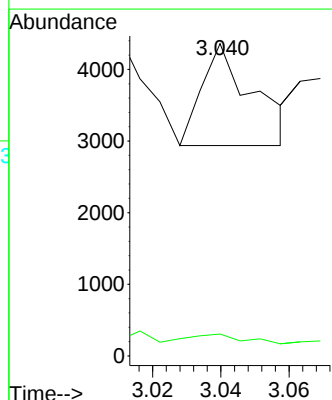
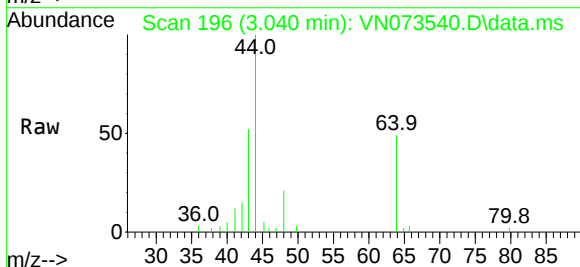
Instrument :
MSVOA_N
ClientSampleId :
070622-F

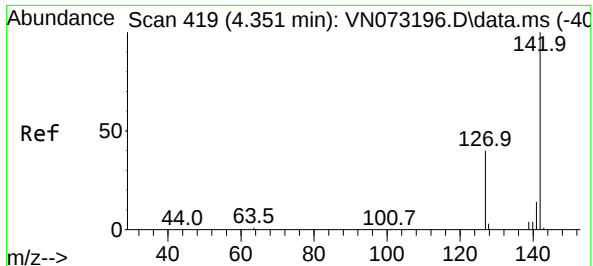
Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.656 ug/l
RT: 3.040 min Scan# 196
Delta R.T. 0.077 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 64 Resp: 1486
Ion Ratio Lower Upper
64 100
66 9.6 26.2 39.4#

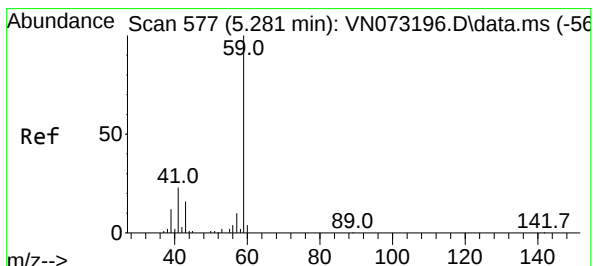
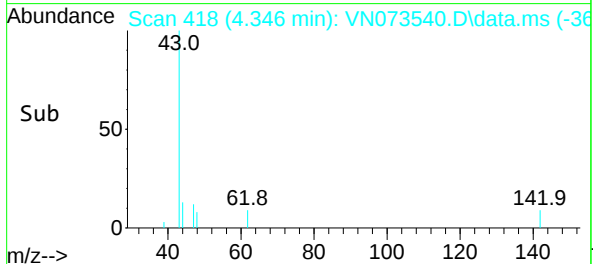
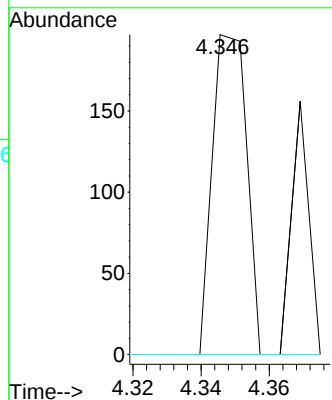
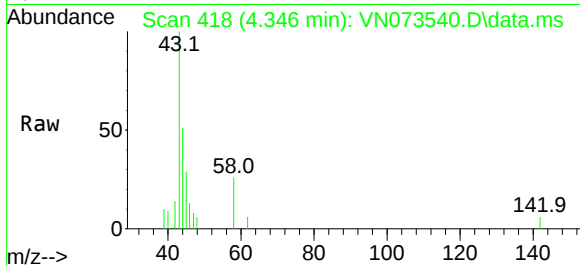




#10
Methyl Iodide
Concen: 3.760 ug/l
RT: 4.346 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

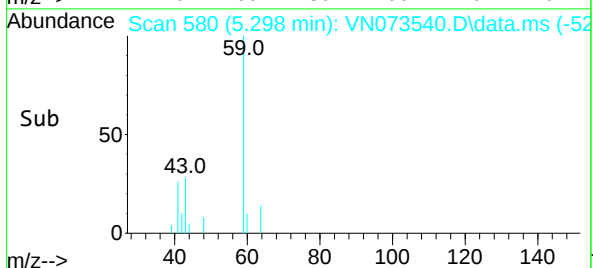
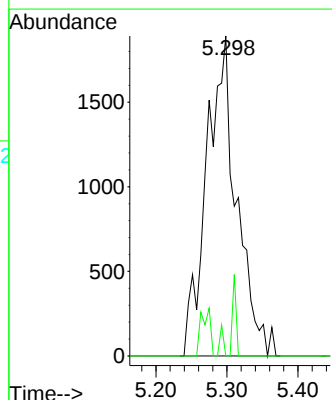
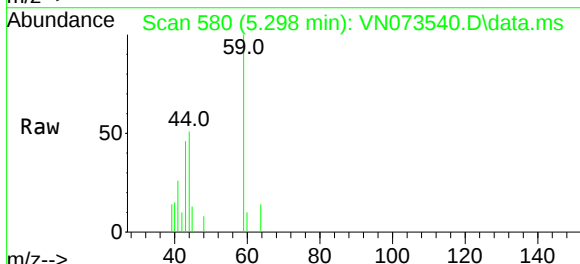
Instrument :
MSVOA_N
ClientSampleId :
070622-F

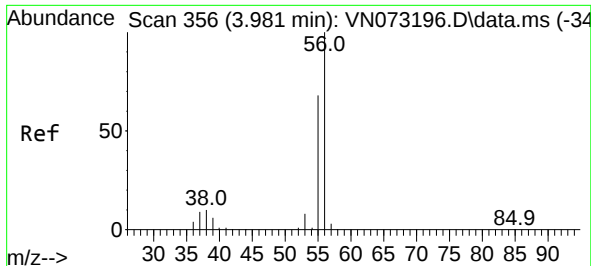
Tgt Ion:142 Resp: 138
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 4.995 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.017 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 59 Resp: 5574
Ion Ratio Lower Upper
59 100
57 4.2 8.3 12.5#





#13

Acrolein

Concen: 1.645 ug/l

RT: 3.987 min Scan# 3

Delta R.T. 0.006 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

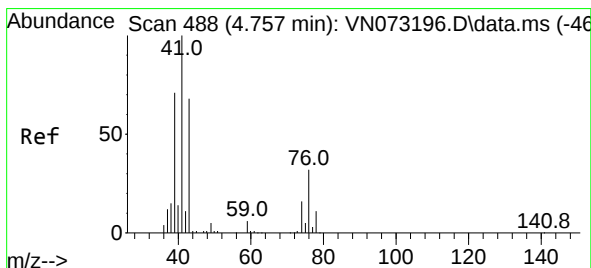
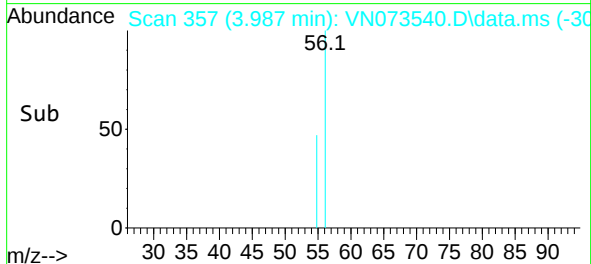
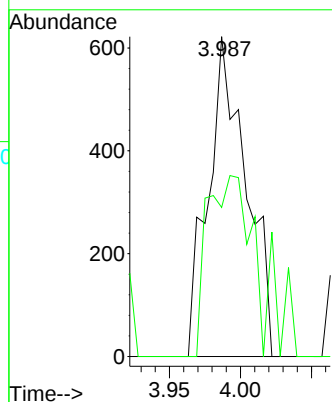
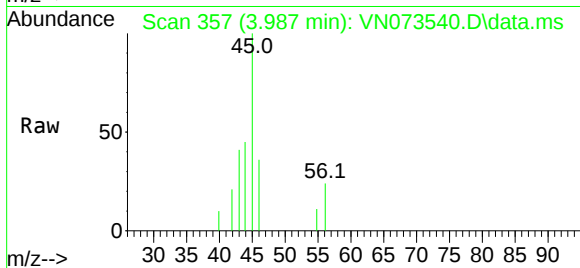
070622-F

Tgt Ion: 56 Resp: 1160

Ion Ratio Lower Upper

56 100

55 63.9 54.8 82.2



#14

Allyl chloride

Concen: 0.665 ug/l

RT: 4.716 min Scan# 481

Delta R.T. -0.041 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

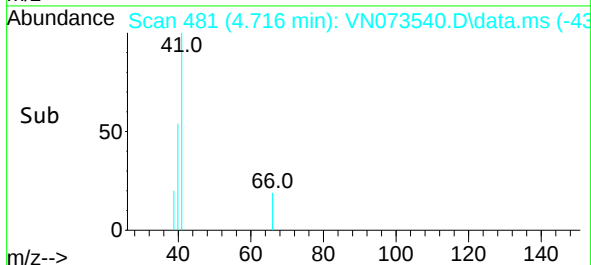
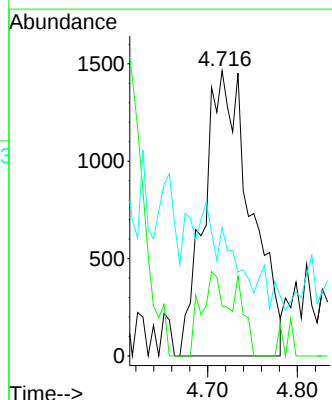
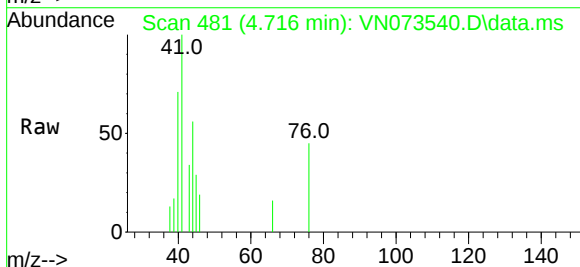
Tgt Ion: 41 Resp: 5259

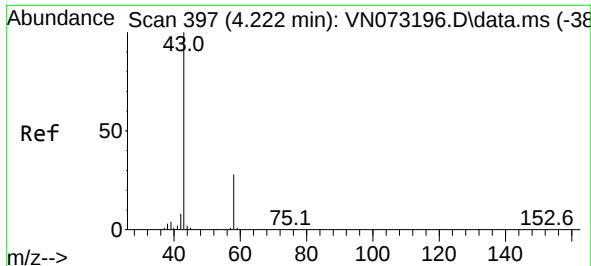
Ion Ratio Lower Upper

41 100

39 15.8 53.2 79.8#

76 0.0 29.9 44.9#

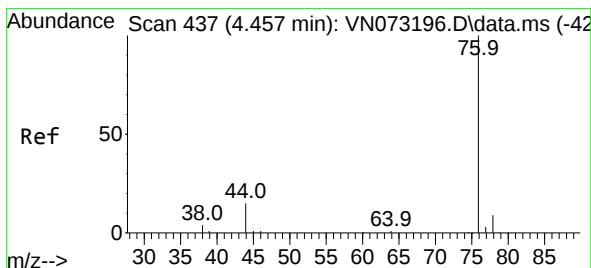
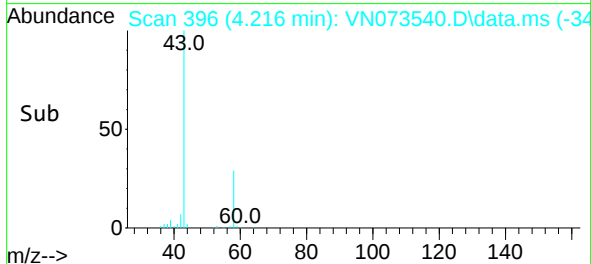
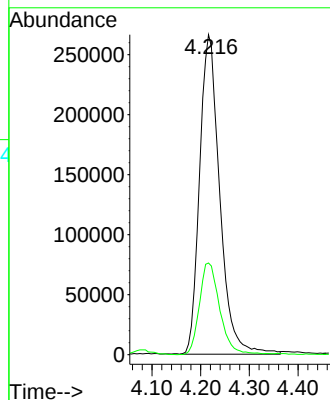
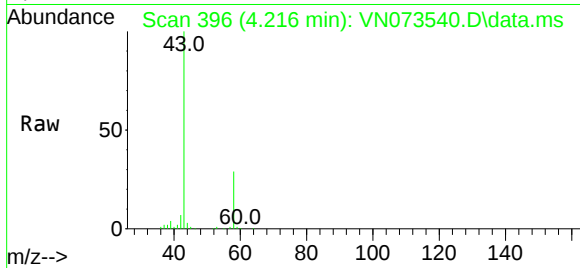




#16
Acetone
Concen: 296.012 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

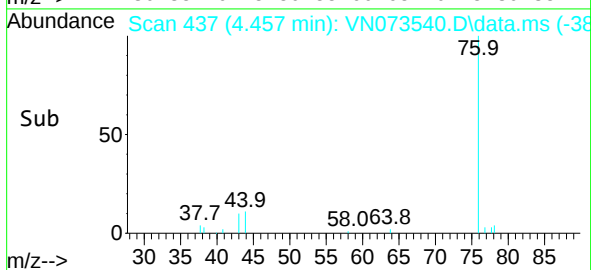
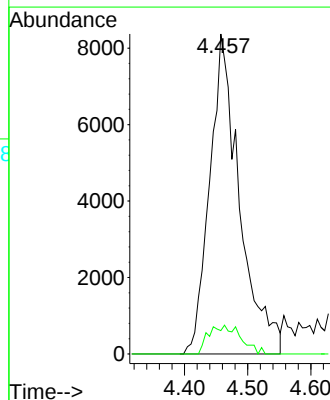
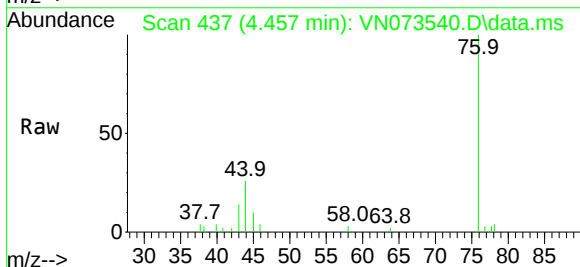
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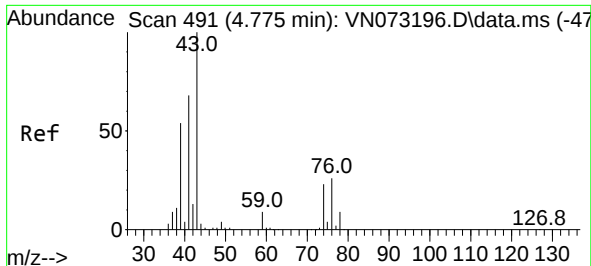
Tgt Ion: 43 Resp: 765445
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0



#17
Carbon Disulfide
Concen: 2.824 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 76 Resp: 27510
Ion Ratio Lower Upper
76 100
78 7.3 7.2 10.8

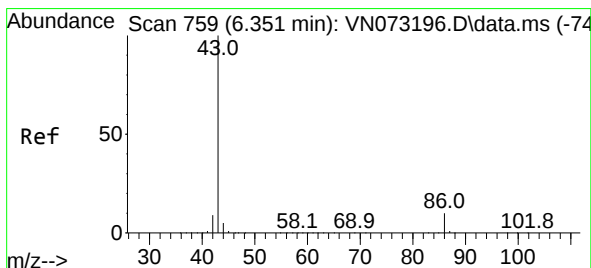
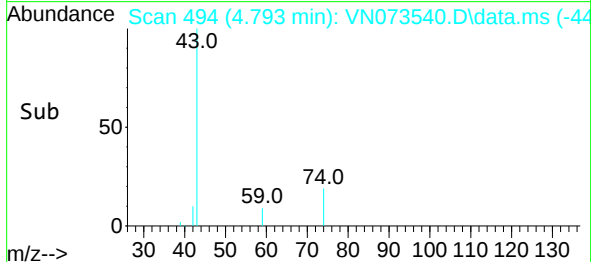
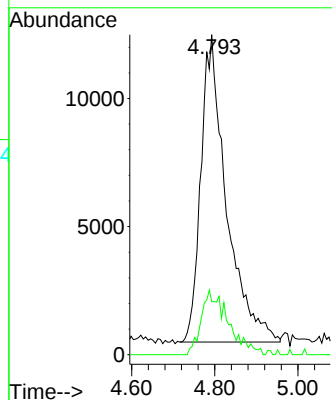
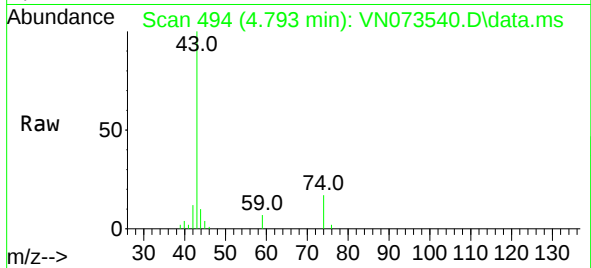




#18
Methyl Acetate
Concen: 7.055 ug/l
RT: 4.793 min Scan# 491
Delta R.T. 0.018 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

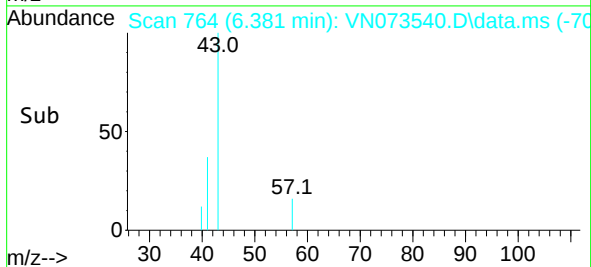
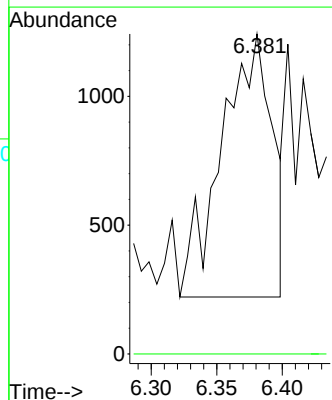
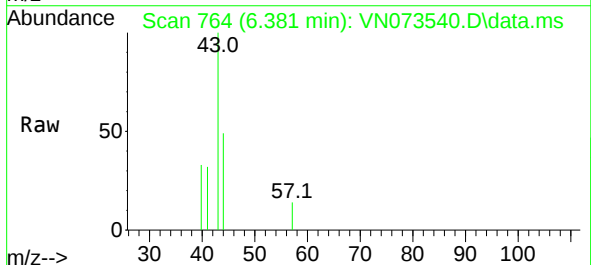
Instrument :
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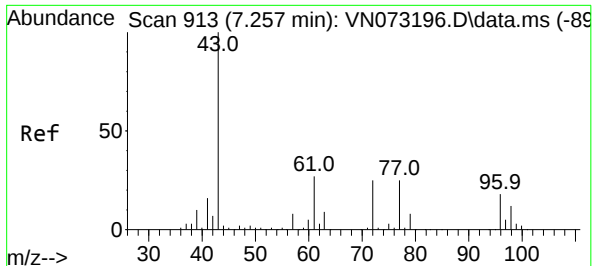
Tgt Ion: 43 Resp: 51123
Ion Ratio Lower Upper
43 100
74 22.1 21.6 32.4



#23
Vinyl Acetate
Concen: 0.208 ug/l
RT: 6.381 min Scan# 764
Delta R.T. 0.030 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 43 Resp: 2748
Ion Ratio Lower Upper
43 100
86 0.0 10.0 15.0#

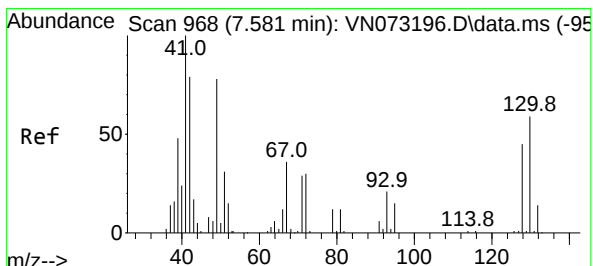
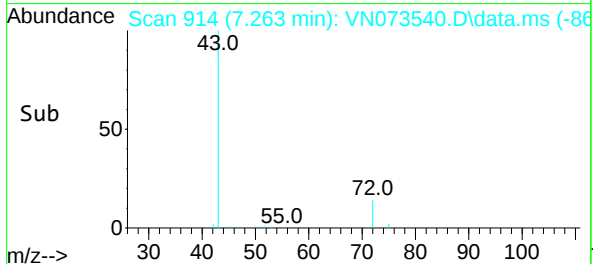
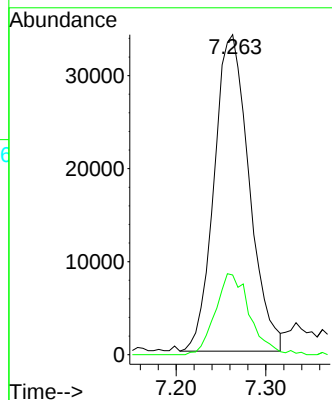
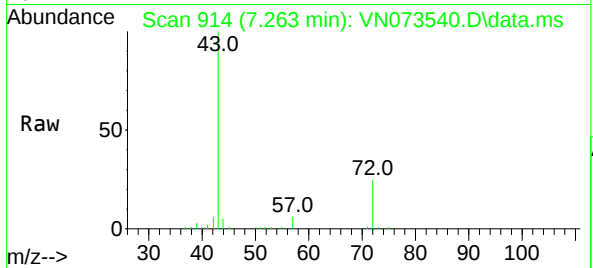




#25
2-Butanone
Concen: 22.391 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

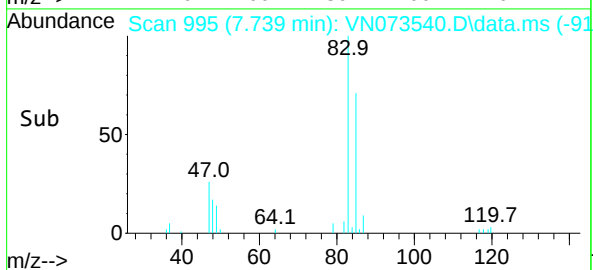
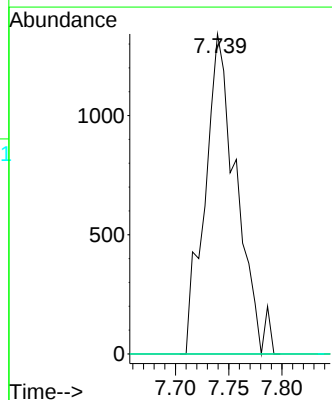
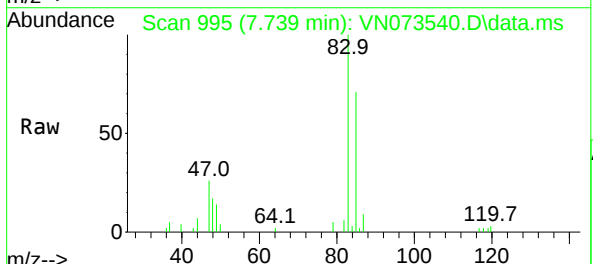
Instrument :
MSVOA_N
ClientSampleId :
070622-F

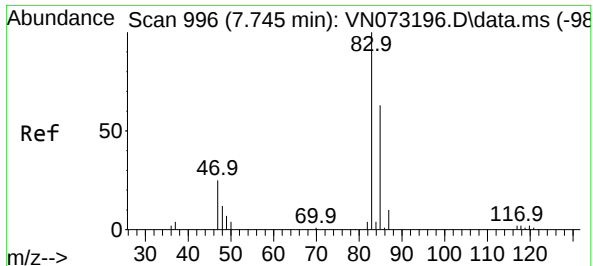
Tgt Ion: 43 Resp: 92183
Ion Ratio Lower Upper
43 100
72 25.2 23.7 35.5



#28
Bromochloromethane
Concen: 0.864 ug/l
RT: 7.739 min Scan# 995
Delta R.T. 0.158 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 49 Resp: 2764
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#





#30

Chloroform

Concen: 3.526 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

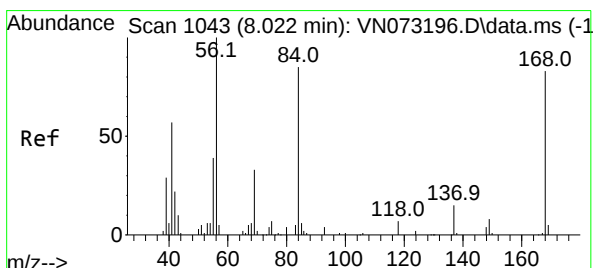
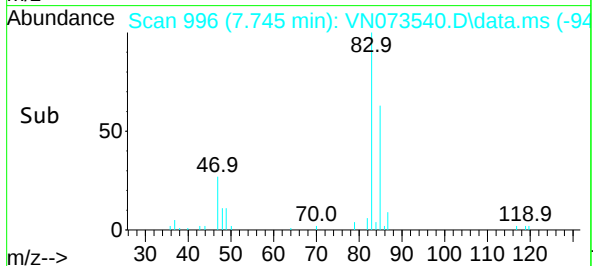
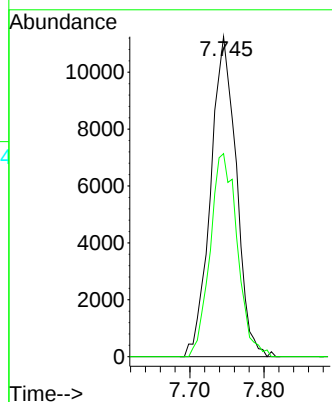
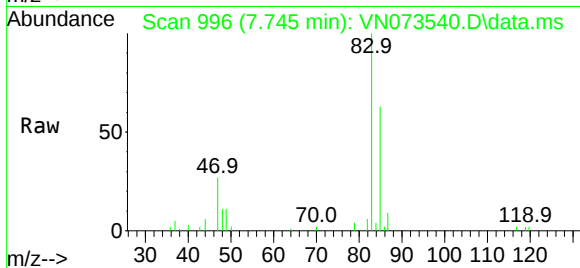
070622-F

Tgt Ion: 83 Resp: 27141

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.8



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 8.022 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

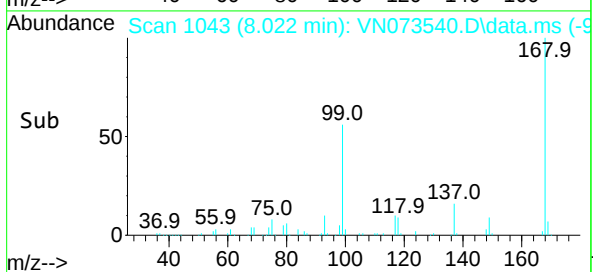
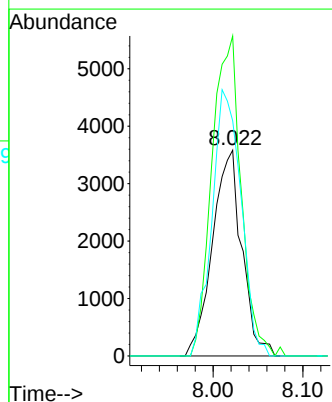
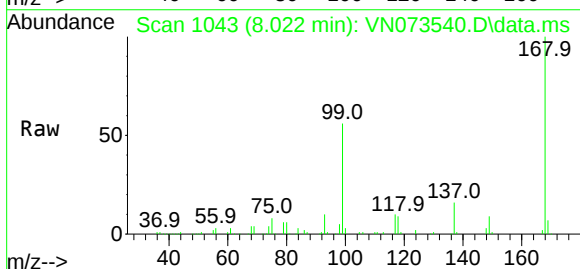
Tgt Ion: 56 Resp: 8140

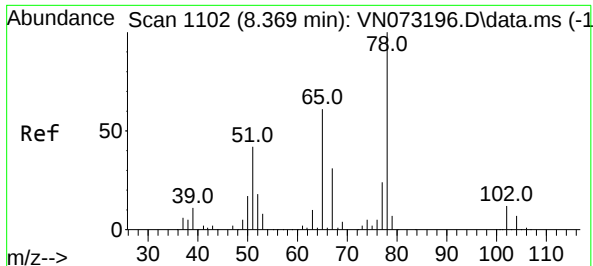
Ion Ratio Lower Upper

56 100

69 155.6 27.8 41.8#

84 114.3 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 42.055 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

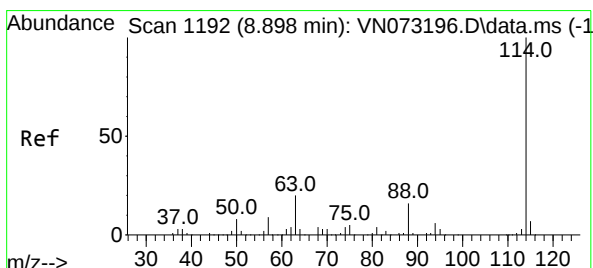
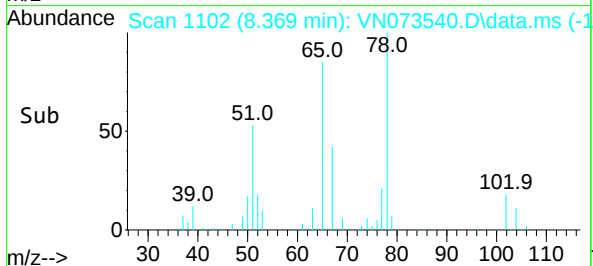
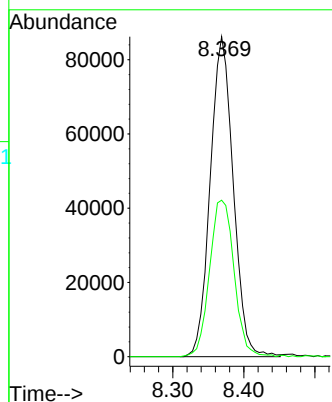
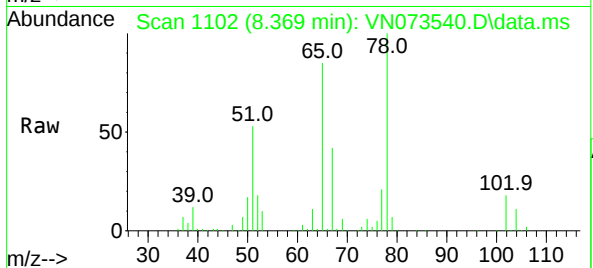
070622-F

Tgt Ion: 65 Resp: 193736

Ion Ratio Lower Upper

65 100

67 52.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

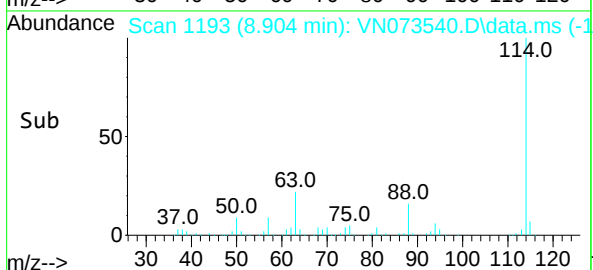
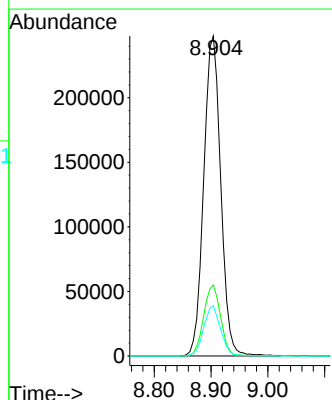
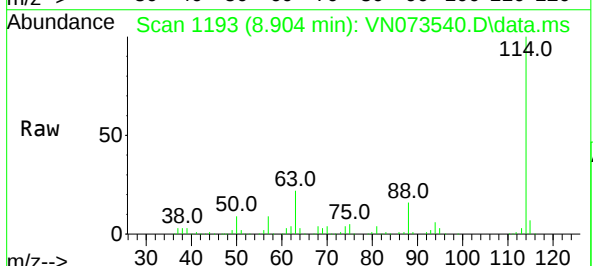
Tgt Ion: 114 Resp: 514724

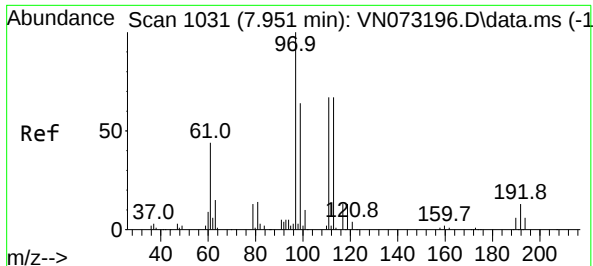
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.548 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

070622-F

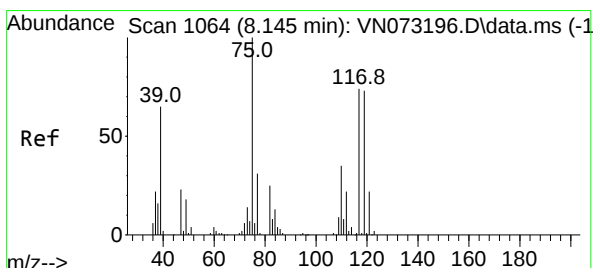
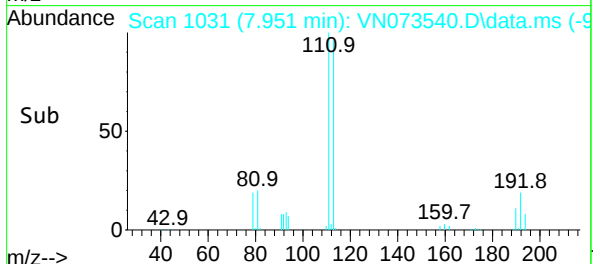
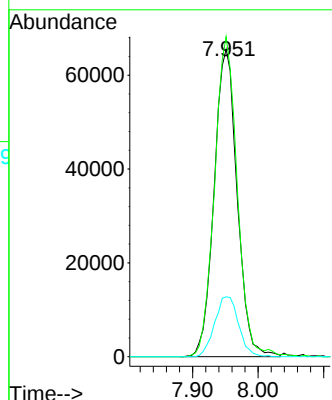
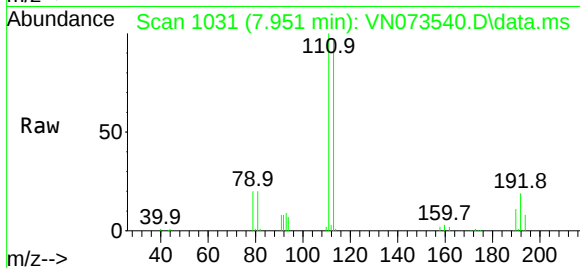
Tgt Ion:113 Resp: 159404

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 20.2 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.728 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.129 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

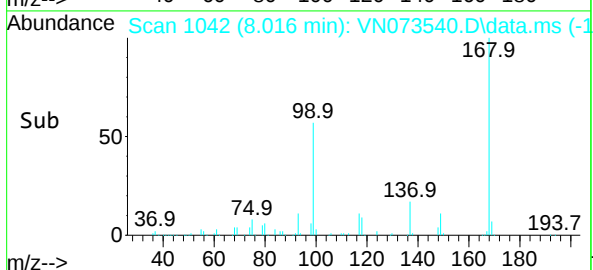
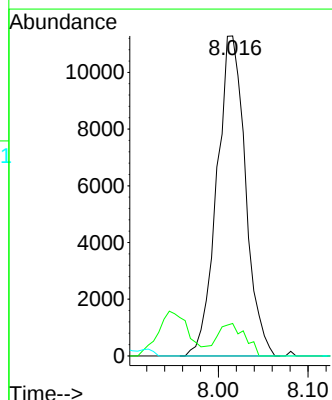
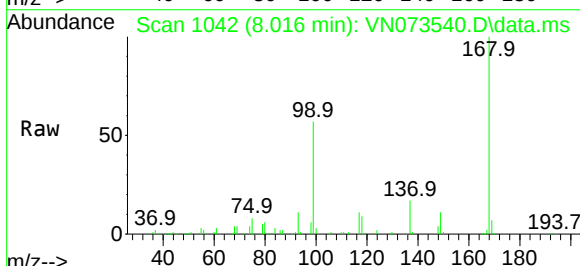
Tgt Ion: 75 Resp: 24915

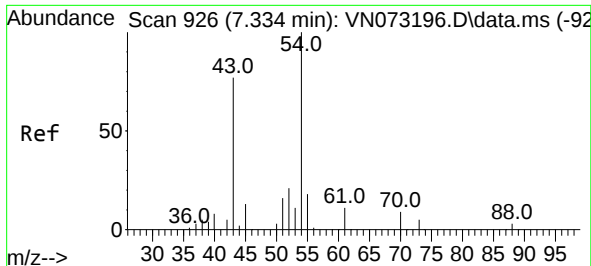
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

77 0.0 25.1 37.7#

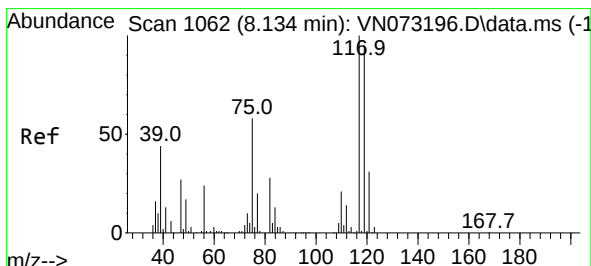
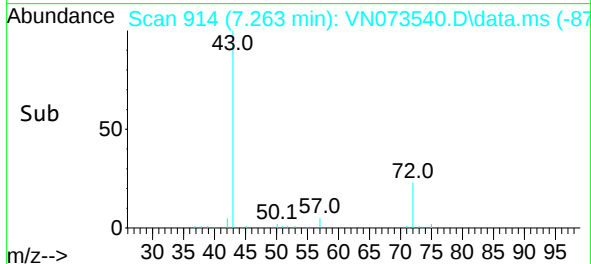
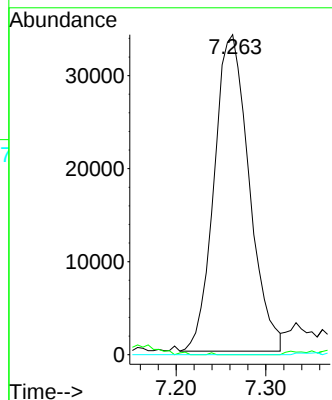
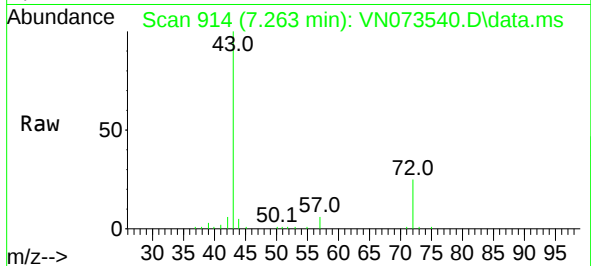




#37
Ethyl Acetate
Concen: 11.578 ug/l
RT: 7.263 min Scan# 91
Delta R.T. -0.071 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

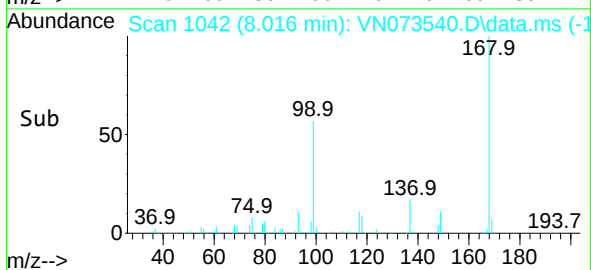
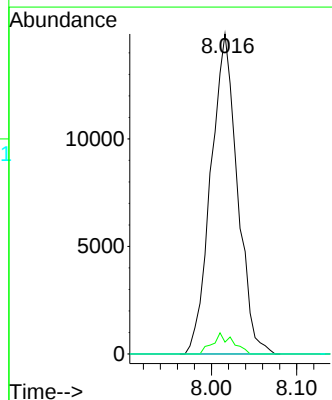
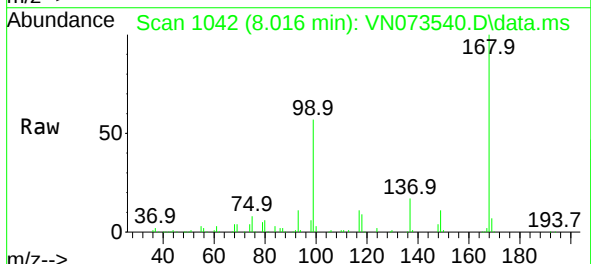
Instrument :
MSVOA_N
ClientSampleId :
070622-F

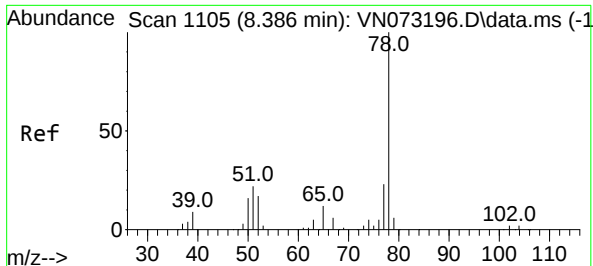
Tgt Ion: 43 Resp: 92183
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.925 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 117 Resp: 32288
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.8#
121 0.0 24.6 37.0#

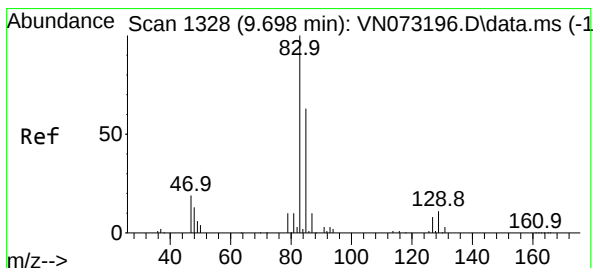
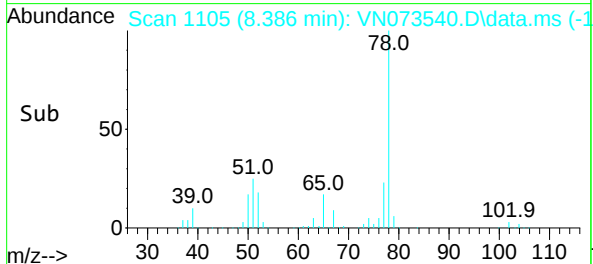
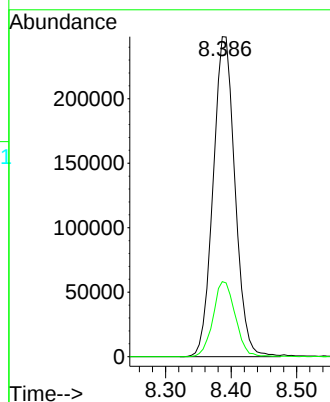
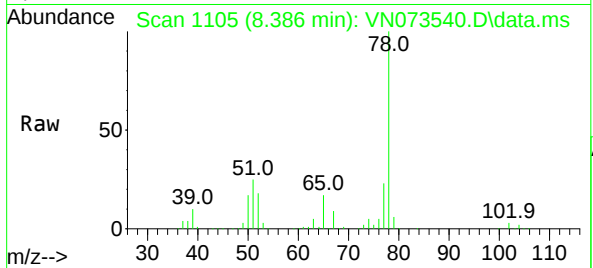




#40
Benzene
Concen: 35.303 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

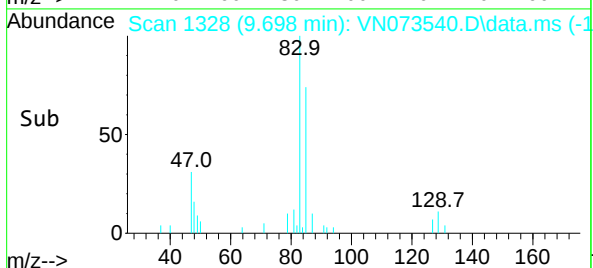
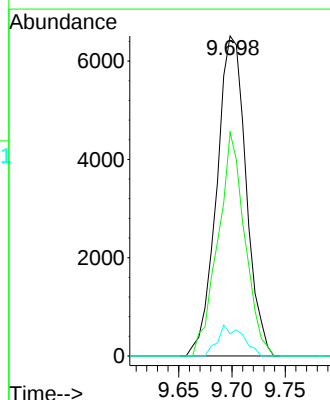
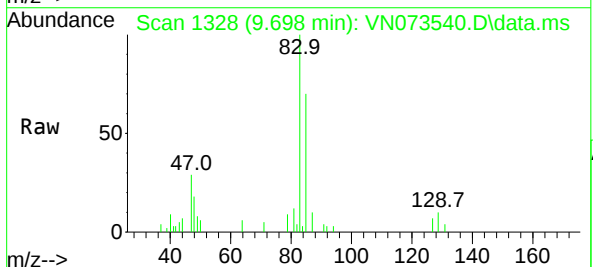
Instrument :
MSVOA_N
ClientSampleId :
070622-F

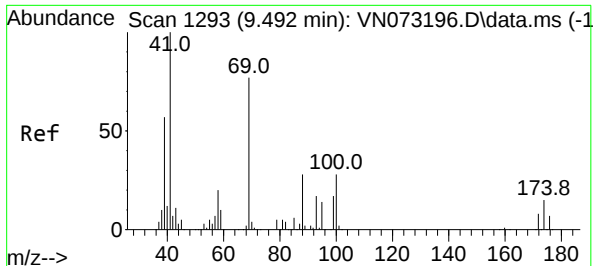
Tgt Ion: 78 Resp: 574103
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#47
Bromodichloromethane
Concen: 2.287 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 83 Resp: 12468
Ion Ratio Lower Upper
83 100
85 69.9 50.5 75.7
127 7.0 6.8 10.2

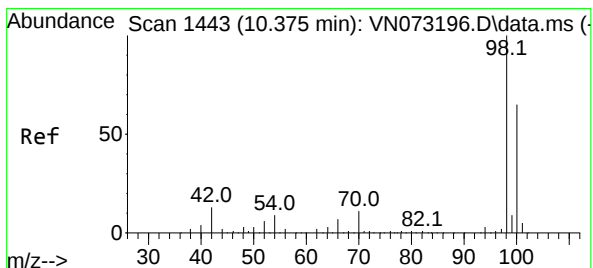
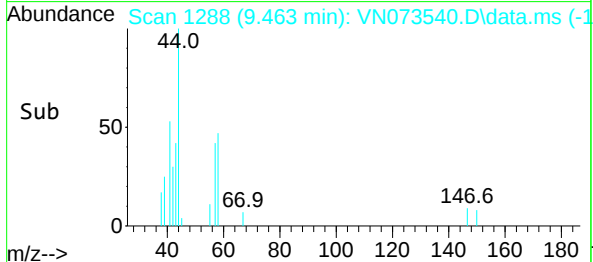
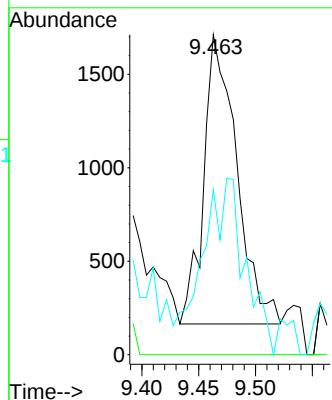
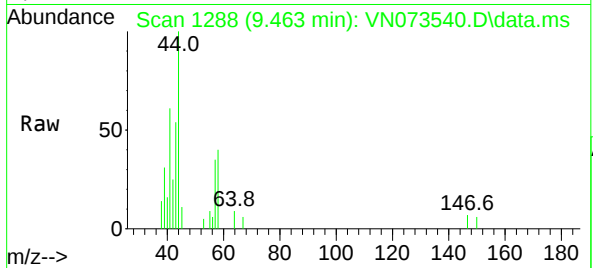




#48
Methyl methacrylate
Concen: 0.589 ug/l
RT: 9.463 min Scan# 1288
Delta R.T. -0.029 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

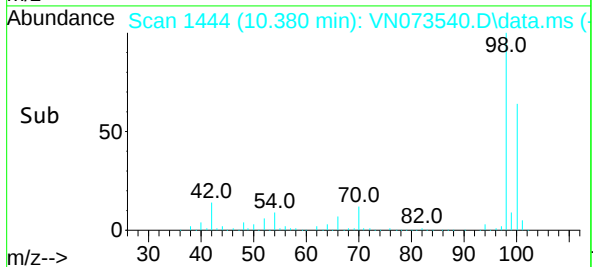
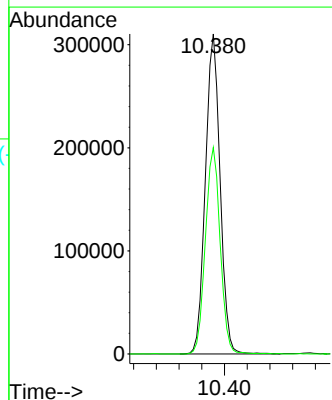
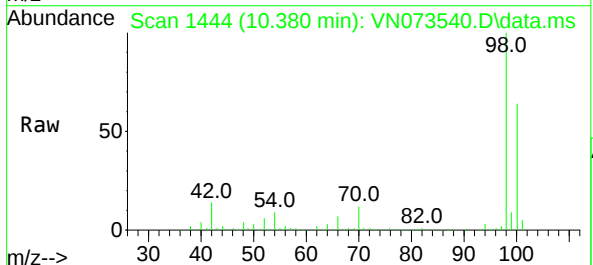
Instrument :
MSVOA_N
ClientSampleId :
070622-F

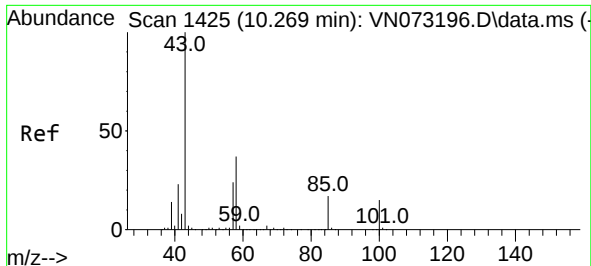
Tgt Ion: 41 Resp: 3118
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 76.2 45.6 68.4#



#50
Toluene-d8
Concen: 45.742 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 98 Resp: 556351
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8

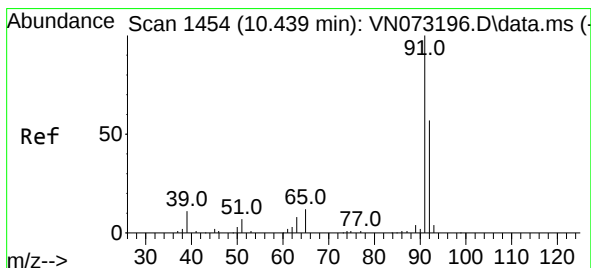
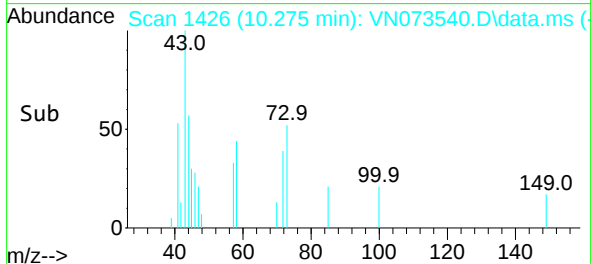
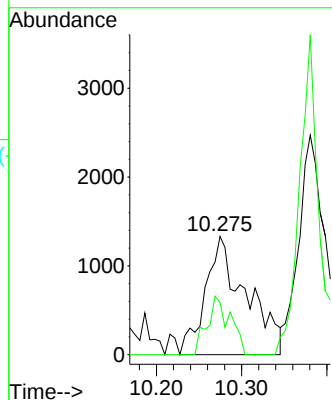
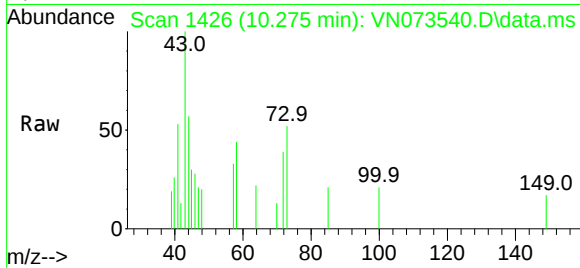




#51
4-Methyl-2-Pentanone
Concen: 0.615 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

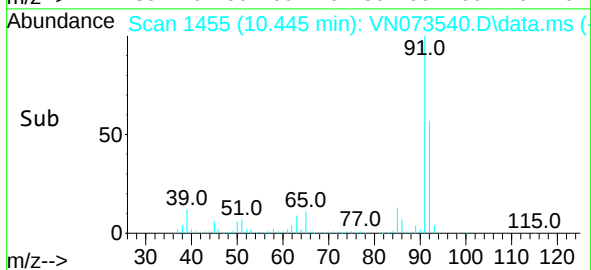
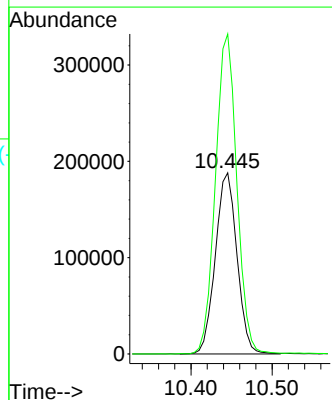
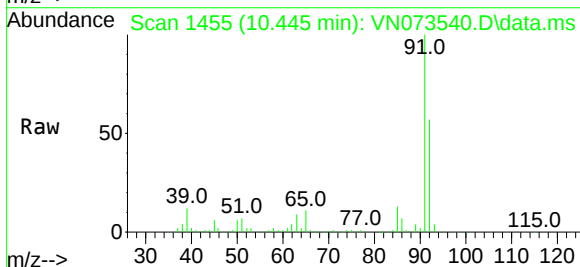
Instrument :
MSVOA_N
ClientSampleId :
070622-F

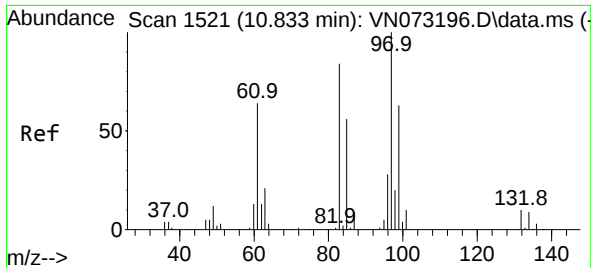
Tgt Ion: 43 Resp: 4465
Ion Ratio Lower Upper
43 100
58 27.9 34.1 51.1#



#52
Toluene
Concen: 34.633 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 92 Resp: 348058
Ion Ratio Lower Upper
92 100
91 174.8 138.6 207.8

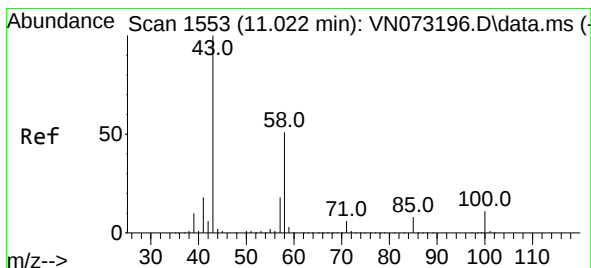
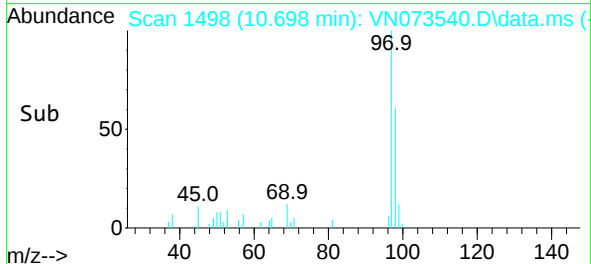
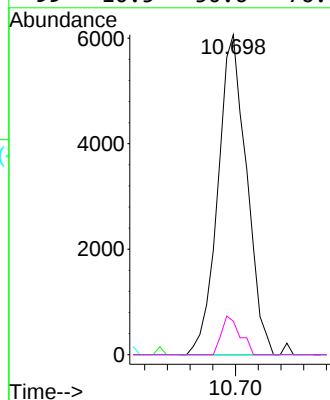
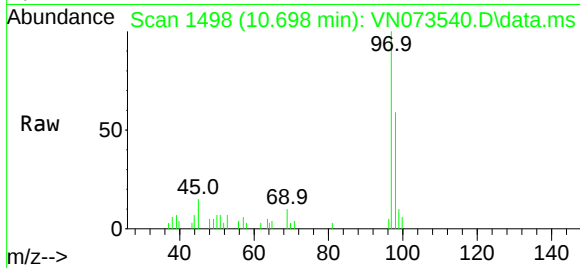




#55
1,1,2-Trichloroethane
Concen: 2.569 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.135 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

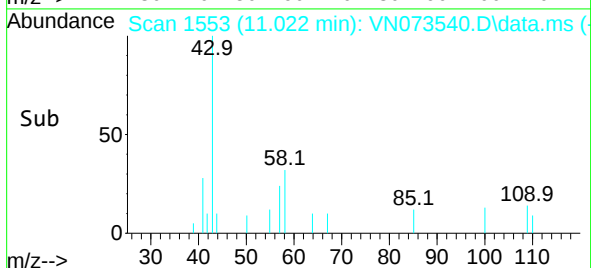
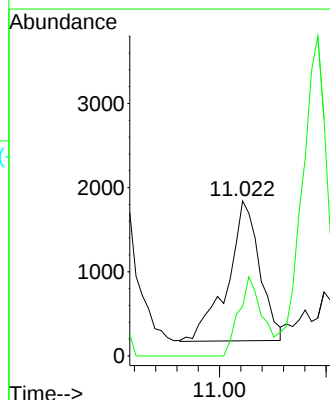
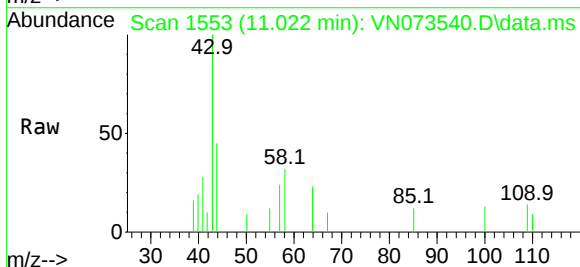
Instrument :
MSVOA_N
ClientSampleId :
070622-F

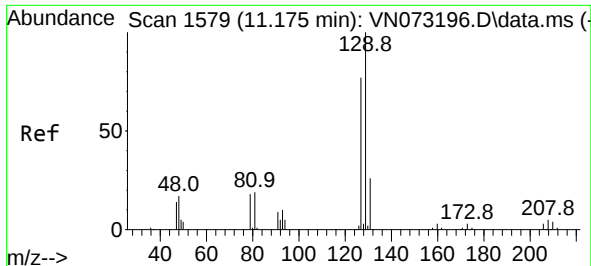
Tgt Ion: 97	Resp: 10629
Ion Ratio	Lower Upper
97 100	
83 0.0	66.2 99.4#
85 0.0	43.9 65.9#
99 10.5	50.6 76.0#



#59
2-Hexanone
Concen: 0.630 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.000 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 43	Resp: 3486
Ion Ratio	Lower Upper
43 100	
58 41.1	29.7 89.1

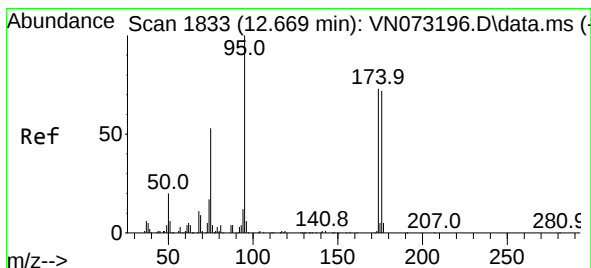
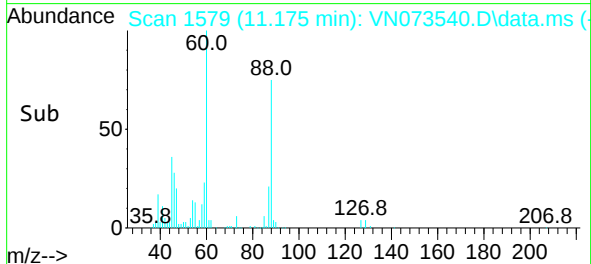
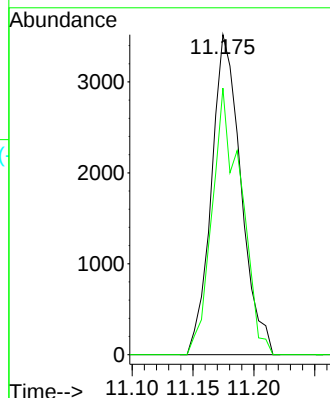
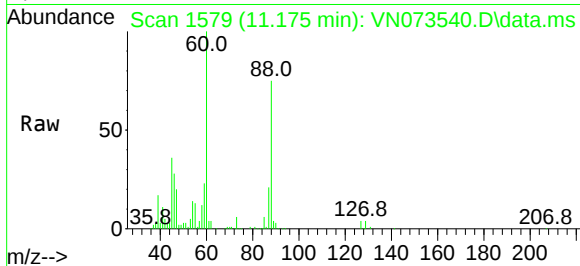




#60
Dibromochloromethane
Concen: 1.507 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

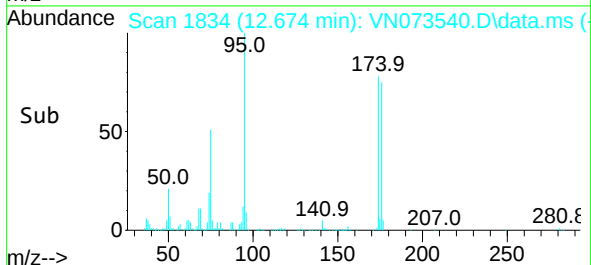
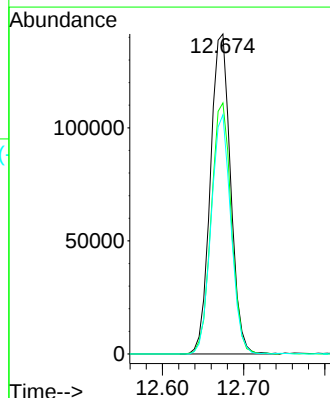
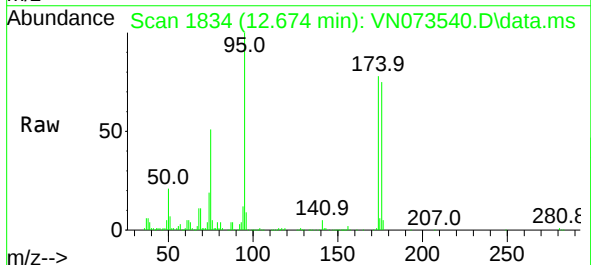
Instrument :
MSVOA_N
ClientSampleId :
070622-F

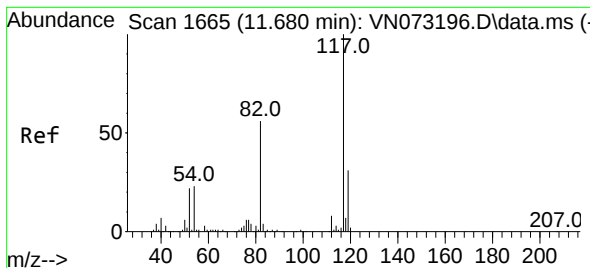
Tgt Ion:129 Resp: 5946
Ion Ratio Lower Upper
129 100
127 81.9 38.8 116.4



#62
4-Bromofluorobenzene
Concen: 52.142 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 95 Resp: 243716
Ion Ratio Lower Upper
95 100
174 78.0 0.0 167.6
176 73.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

070622-F

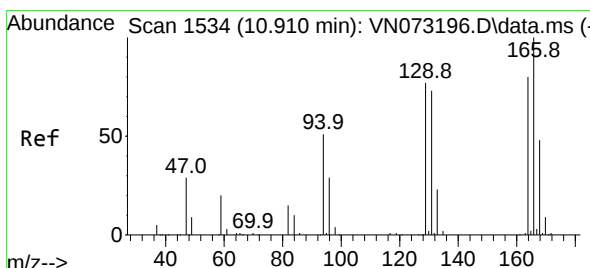
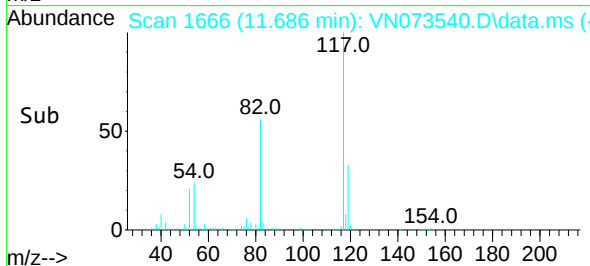
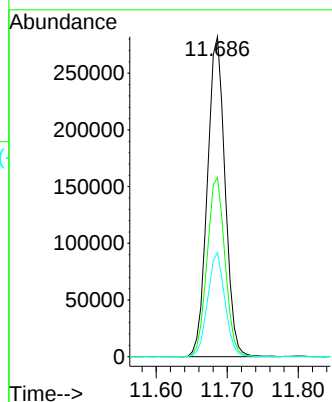
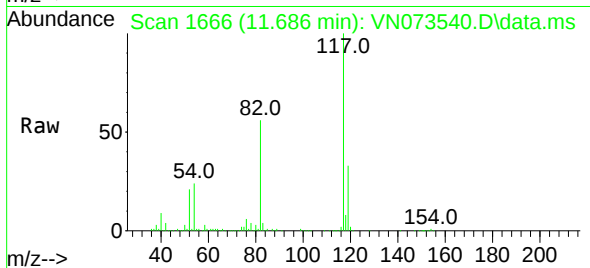
Tgt Ion:117 Resp: 489367

Ion Ratio Lower Upper

117 100

82 56.1 44.2 66.2

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 0.586 ug/l

RT: 10.916 min Scan# 1535

Delta R.T. 0.006 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Tgt Ion:164 Resp: 2343

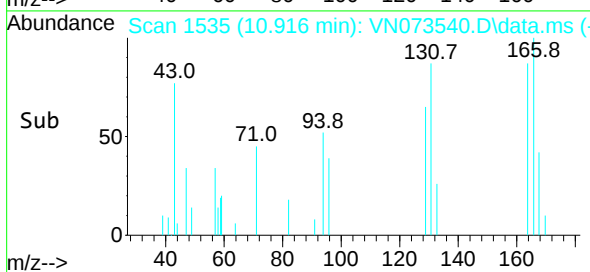
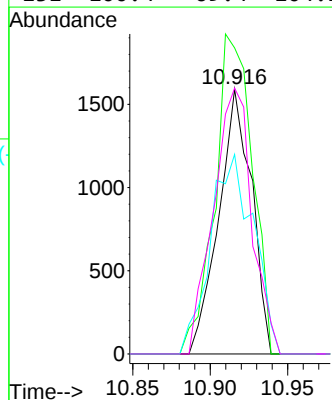
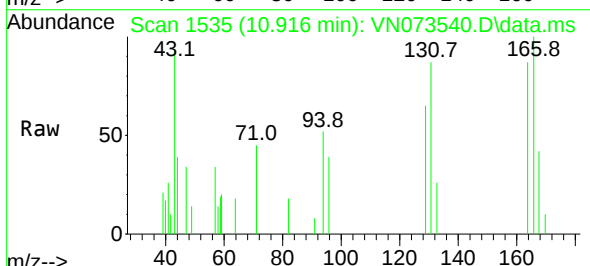
Ion Ratio Lower Upper

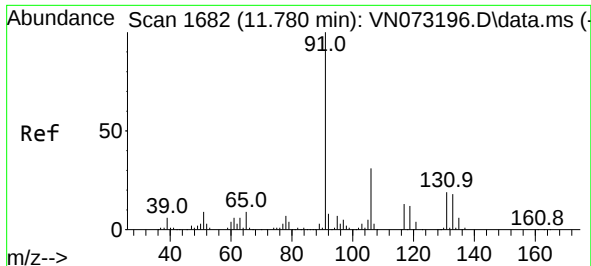
164 100

166 115.6 104.2 156.2

129 75.4 73.9 110.9

131 100.4 69.4 104.2





#67

Ethyl Benzene

Concen: 4.285 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

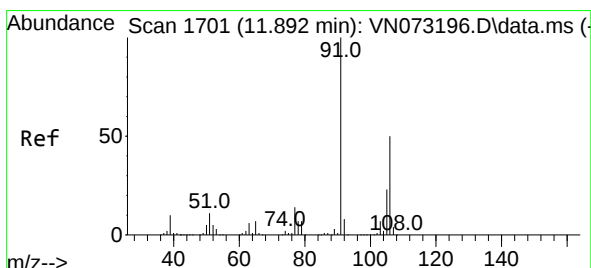
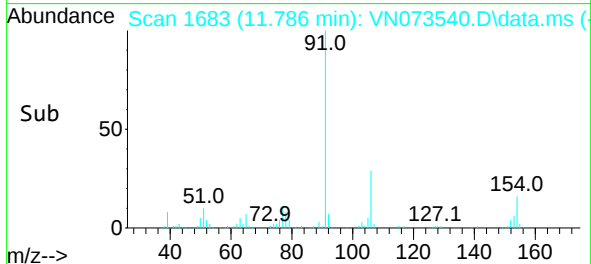
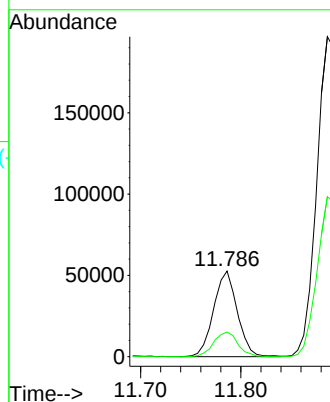
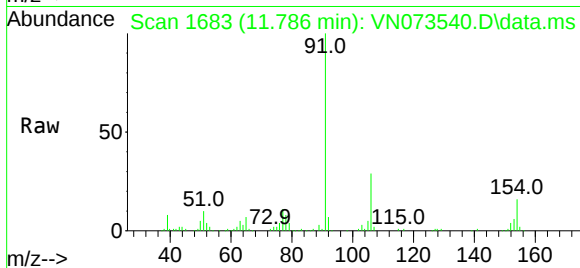
070622-F

Tgt Ion: 91 Resp: 86101

Ion Ratio Lower Upper

91 100

106 28.8 24.9 37.3



#68

m/p-Xylenes

Concen: 24.153 ug/l

RT: 11.886 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VN073540.D

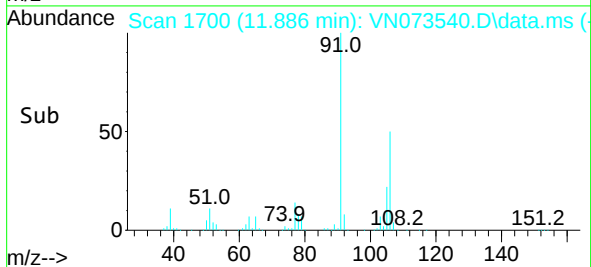
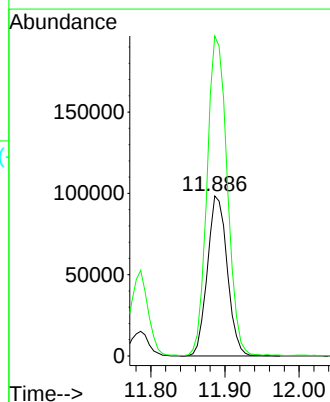
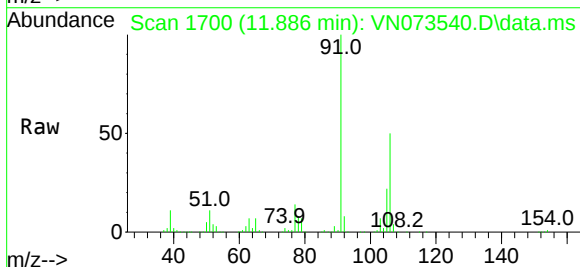
Acq: 20 Jul 2022 22:37

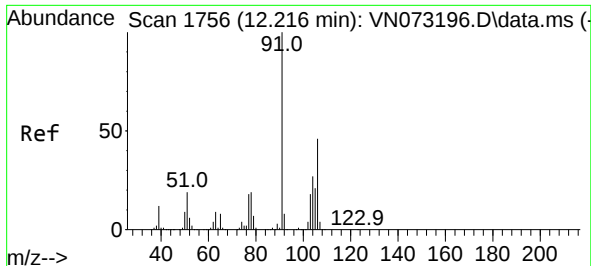
Tgt Ion:106 Resp: 183158

Ion Ratio Lower Upper

106 100

91 202.2 158.9 238.3

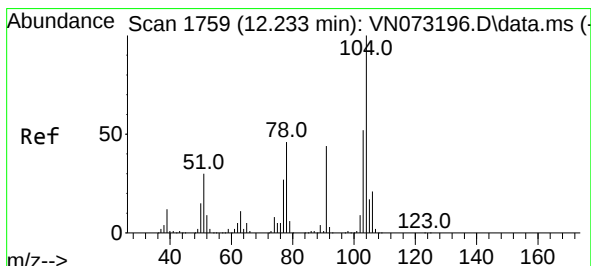
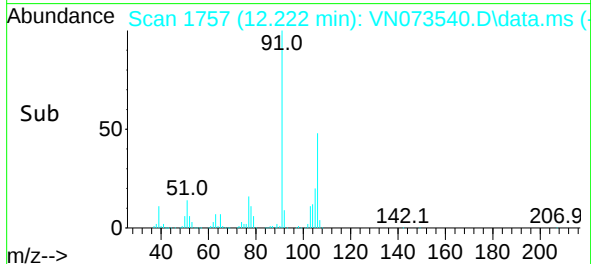
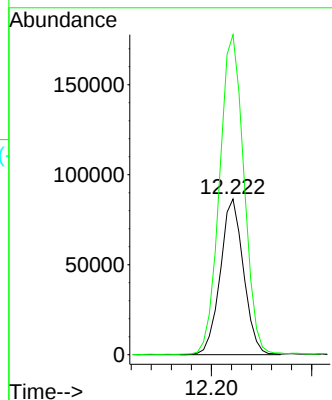
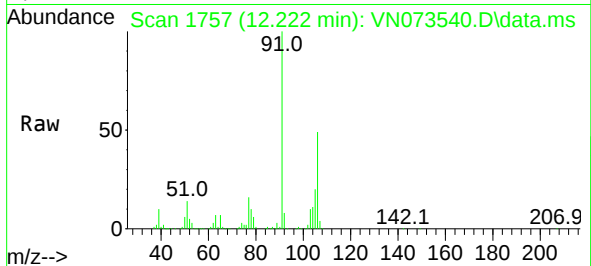




#69
o-Xylene
Concen: 17.914 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

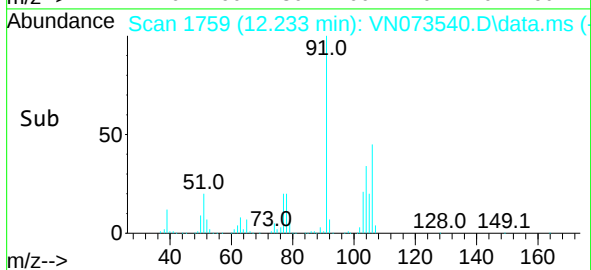
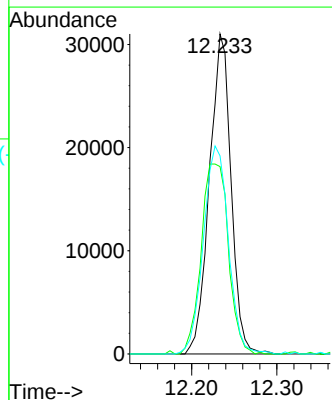
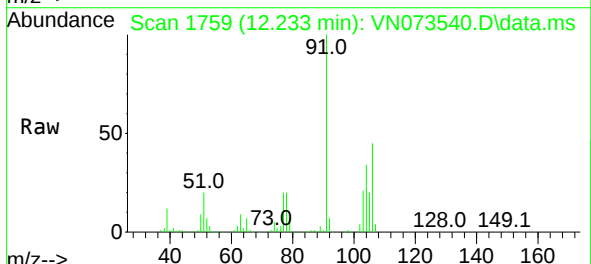
Instrument :
MSVOA_N
ClientSampleId :
070622-F

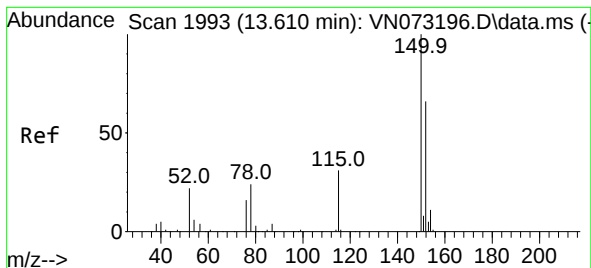
Tgt Ion:106 Resp: 138680
Ion Ratio Lower Upper
106 100
91 215.4 106.0 318.0



#70
Styrene
Concen: 4.575 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion:104 Resp: 54680
Ion Ratio Lower Upper
104 100
78 74.8 39.5 59.3#
103 75.3 44.0 66.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

070622-F

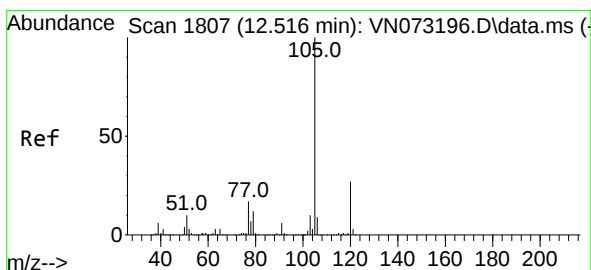
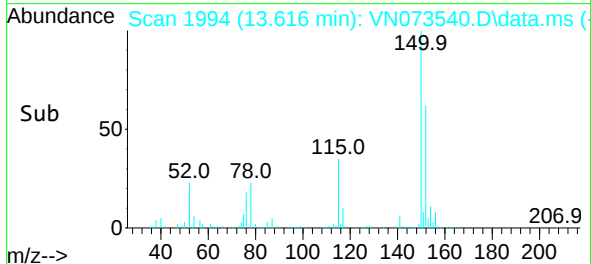
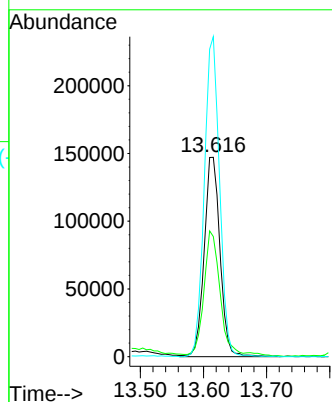
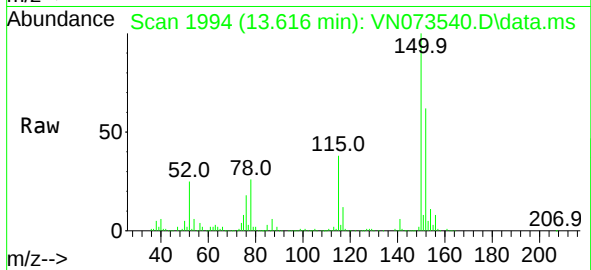
Tgt Ion:152 Resp: 257026

Ion Ratio Lower Upper

152 100

115 65.8 28.9 86.7

150 154.1 0.0 356.2



#73

Isopropylbenzene

Concen: 0.292 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN073540.D

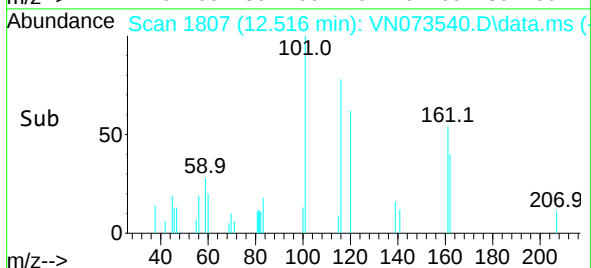
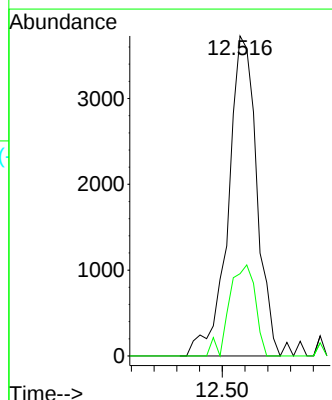
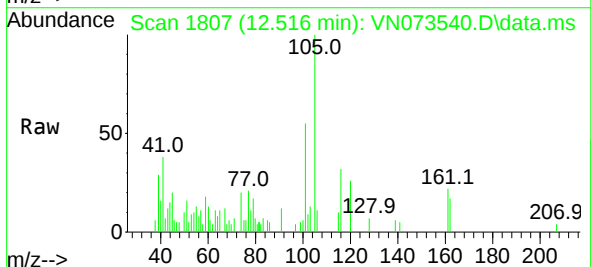
Acq: 20 Jul 2022 22:37

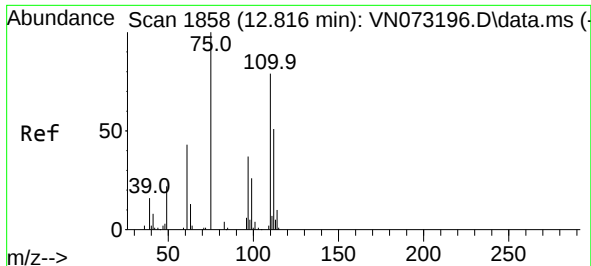
Tgt Ion:105 Resp: 6488

Ion Ratio Lower Upper

105 100

120 25.9 13.5 40.4

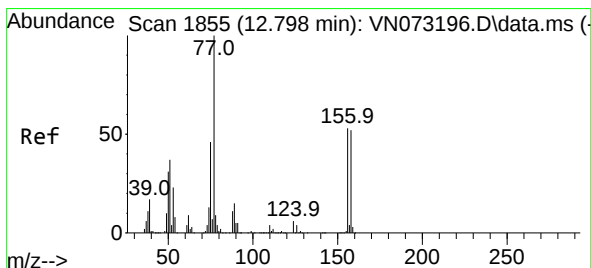
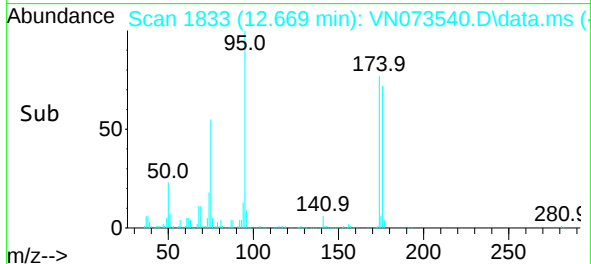
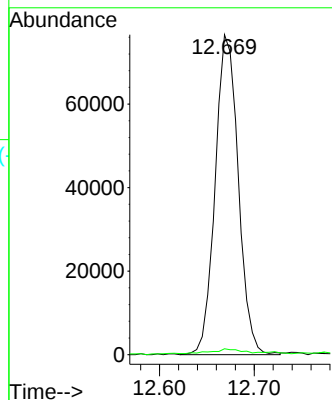
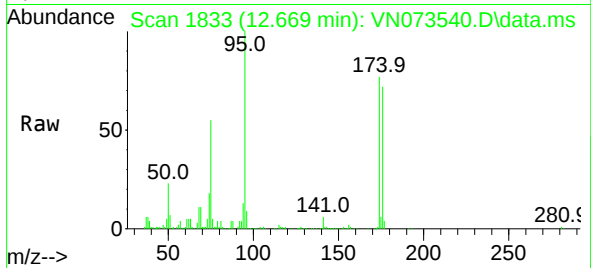




#76
1,2,3-Trichloropropane
Concen: 19.376 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.147 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

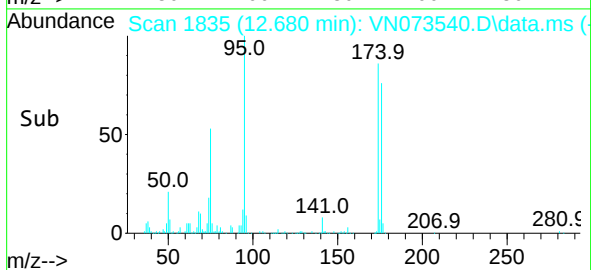
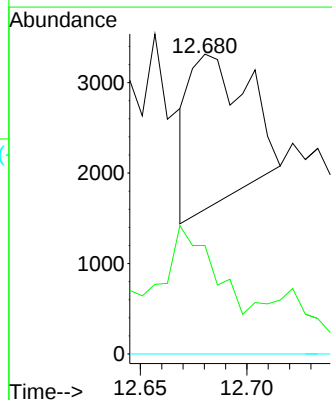
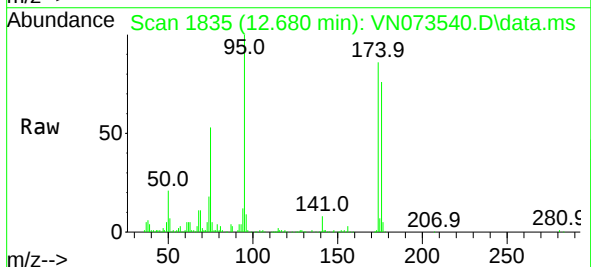
Instrument :
MSVOA_N
ClientSampleId :
070622-F

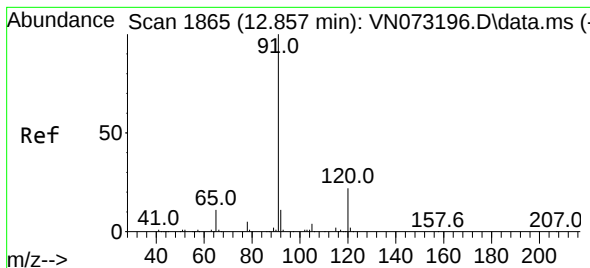
Tgt Ion: 75 Resp: 130220
Ion Ratio Lower Upper
75 100
77 2.0 98.5 295.5#



#77
Bromobenzene
Concen: 0.609 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. -0.118 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 156 Resp: 3144
Ion Ratio Lower Upper
156 100
77 80.0 100.5 301.5#
158 0.0 48.9 146.6#





#78

n-propylbenzene

Concen: 0.674 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.000 min

Lab File: VN073540.D

Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

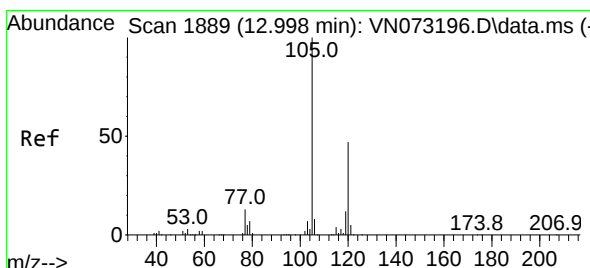
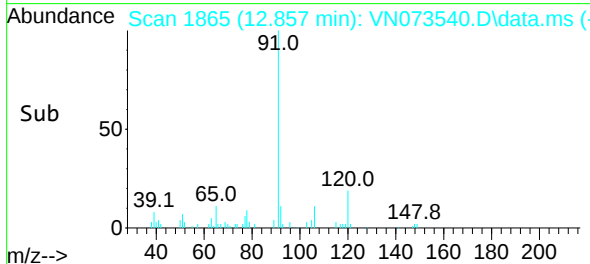
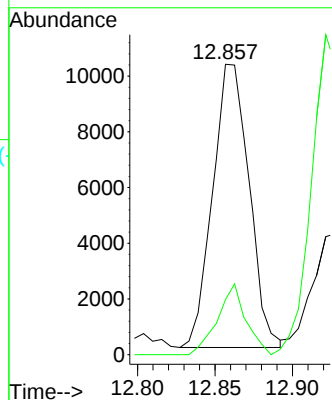
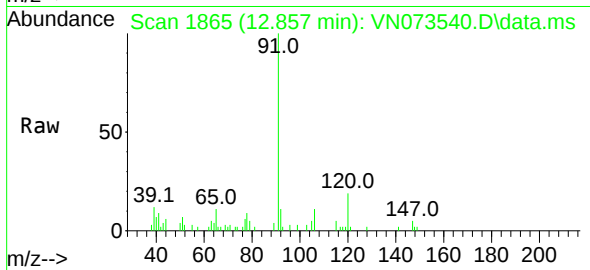
070622-F

Tgt Ion: 91 Resp: 16625

Ion Ratio Lower Upper

91 100

120 19.4 11.9 35.5



#80

1,3,5-Trimethylbenzene

Concen: 3.262 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073540.D

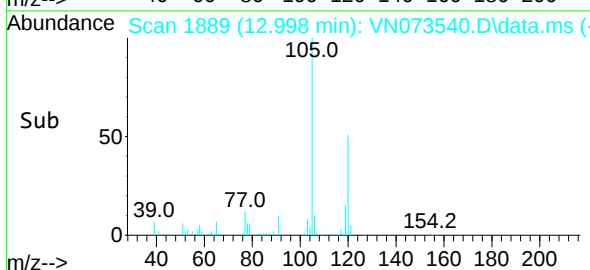
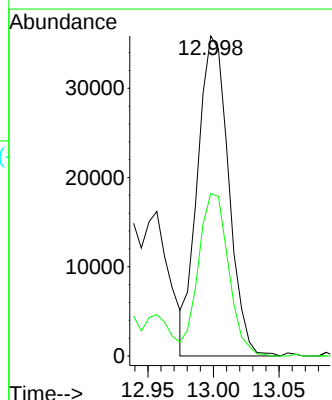
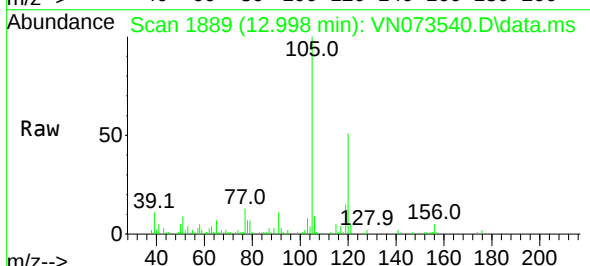
Acq: 20 Jul 2022 22:37

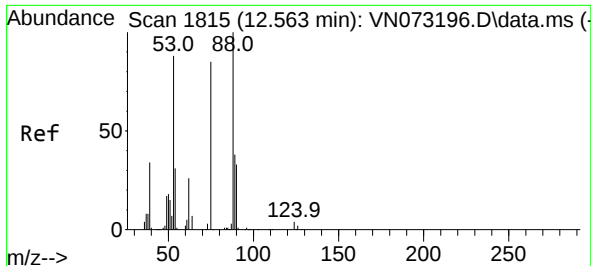
Tgt Ion: 105 Resp: 59007

Ion Ratio Lower Upper

105 100

120 49.5 24.9 74.7

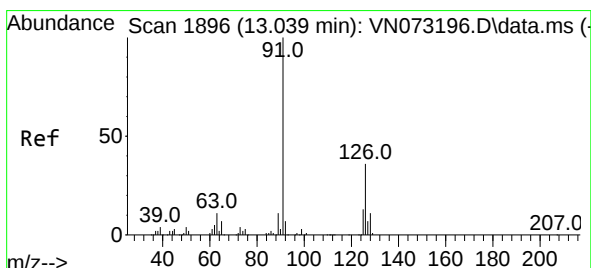
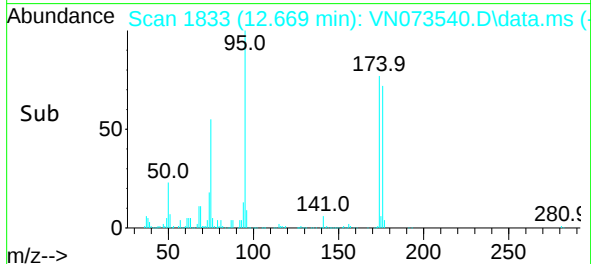
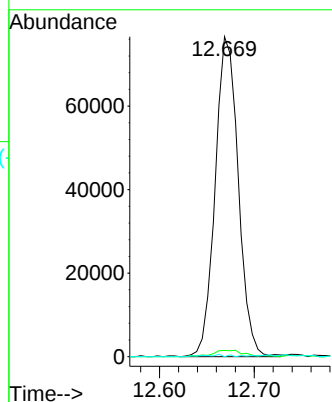
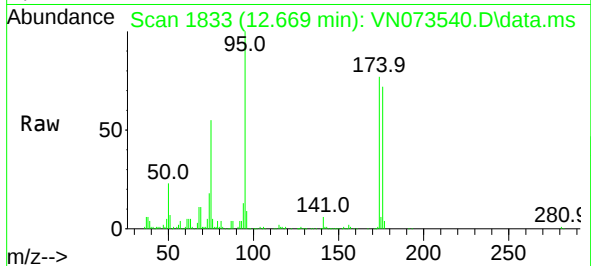




#81
trans-1,4-Dichloro-2-butene
Concen: 53.138 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.106 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

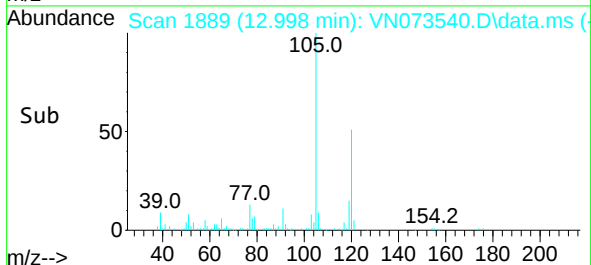
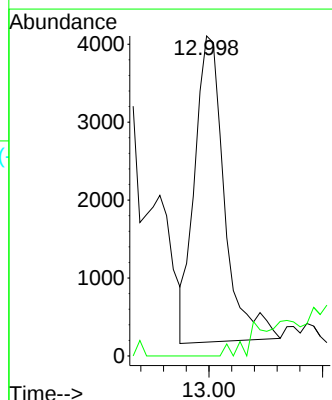
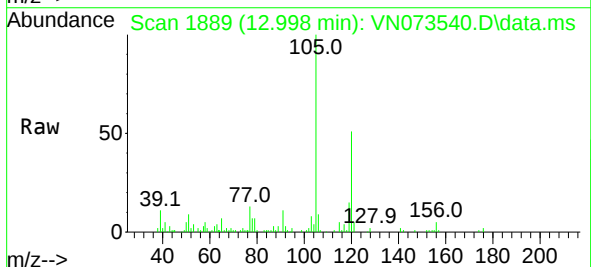
Instrument :
MSVOA_N
ClientSampleId :
070622-F

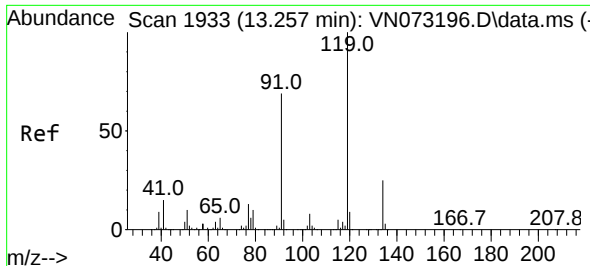
Tgt Ion: 75 Resp: 130220
Ion Ratio Lower Upper
75 100
53 2.8 78.0 117.0#
89 0.6 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.472 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.041 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 91 Resp: 7136
Ion Ratio Lower Upper
91 100
126 0.8 17.2 51.6#

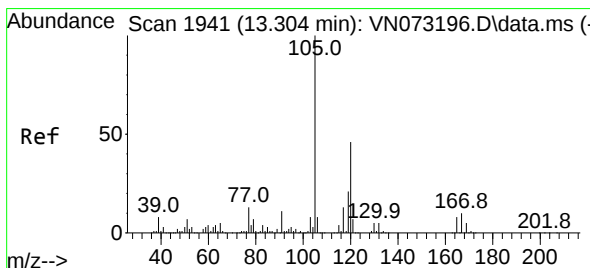
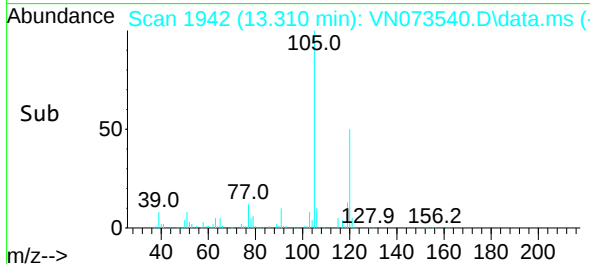
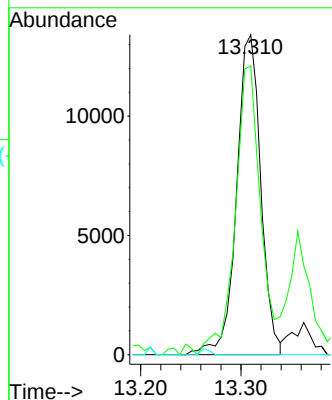
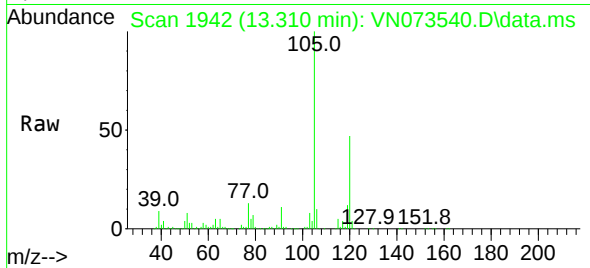




#83
tert-Butylbenzene
Concen: 1.390 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.053 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

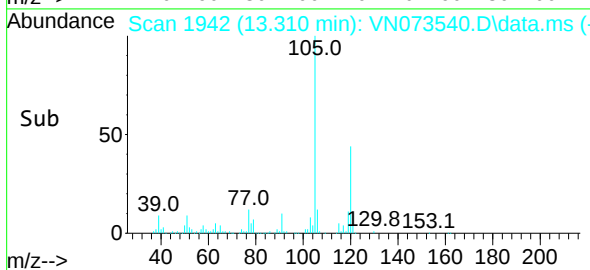
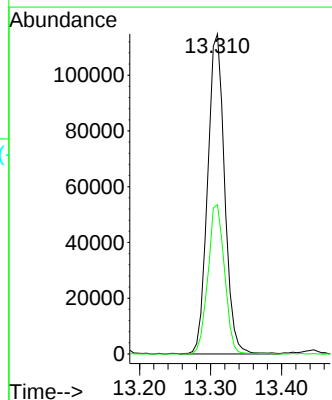
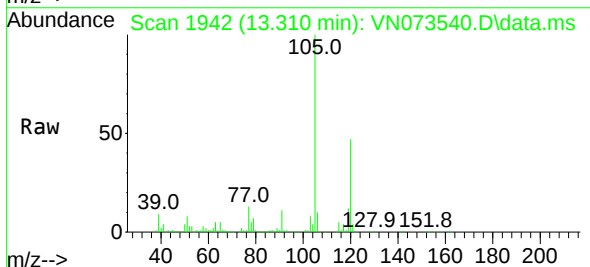
Instrument :
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ClientSampleId :
070622-F

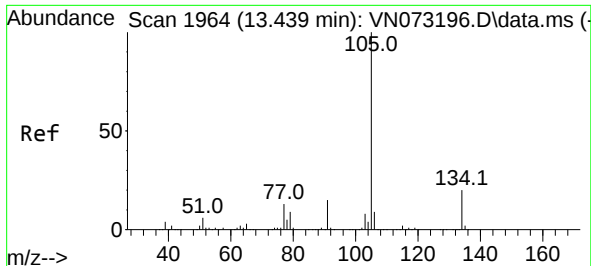
Tgt Ion:119 Resp: 22542
Ion Ratio Lower Upper
119 100
91 92.9 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 10.563 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion:105 Resp: 190786
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8

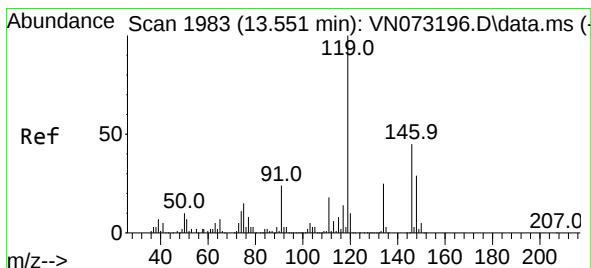
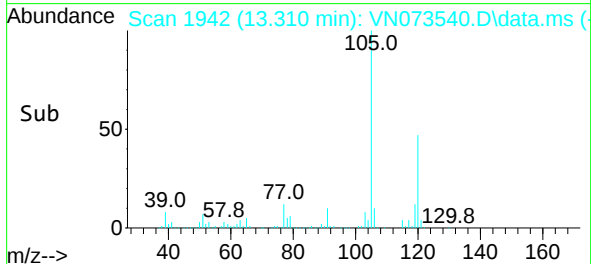
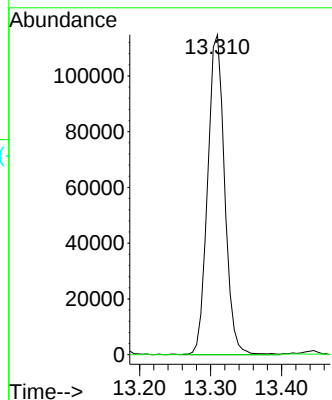
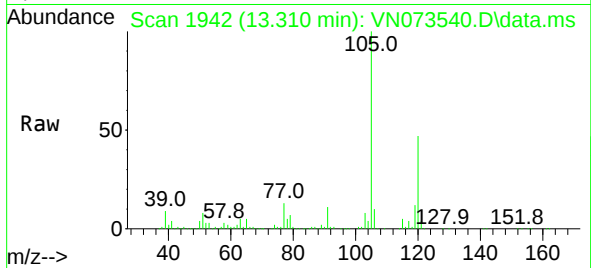




#85
 sec-Butylbenzene
 Concen: 8.760 ug/l
 RT: 13.310 min Scan# 1942
 Delta R.T. -0.129 min
 Lab File: VN073540.D
 Acq: 20 Jul 2022 22:37

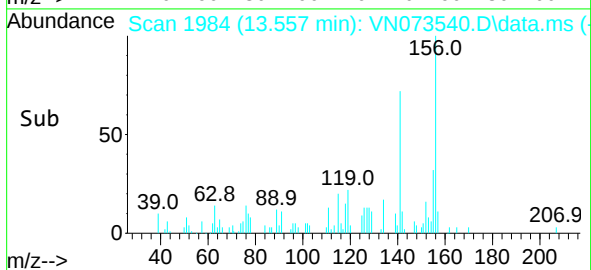
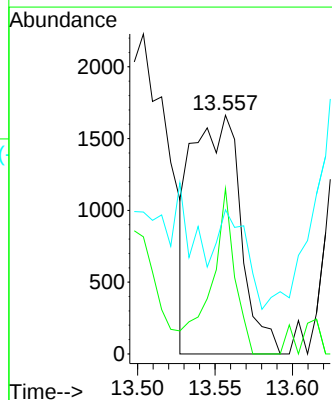
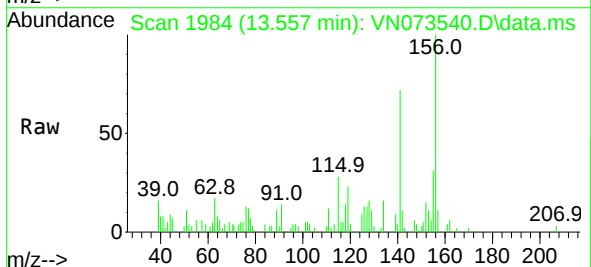
Instrument :
 MSVOA_N
 ClientSampleId :
 070622-F

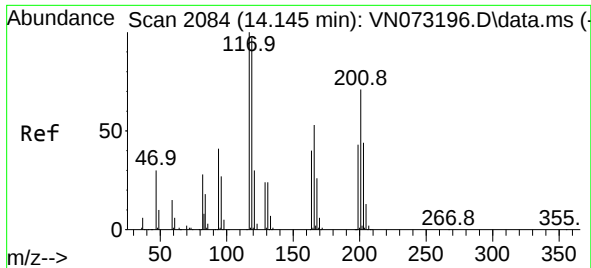
Tgt Ion:105 Resp: 190786
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 0.207 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073540.D
 Acq: 20 Jul 2022 22:37

Tgt Ion:119 Resp: 3646
 Ion Ratio Lower Upper
 119 100
 134 32.8 13.3 39.8
 91 20.0 11.3 33.9

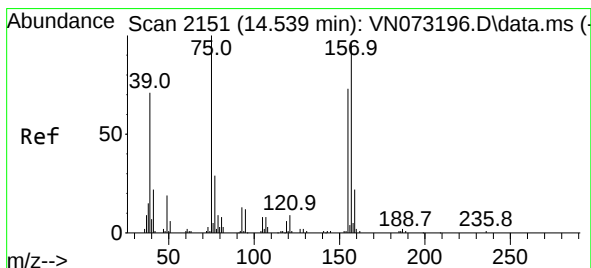
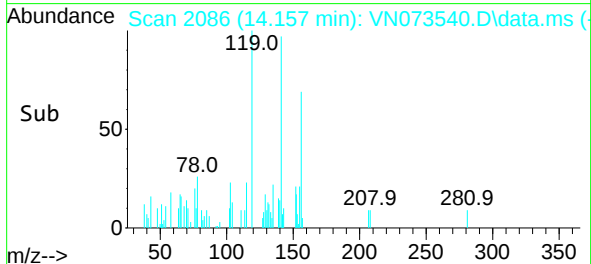
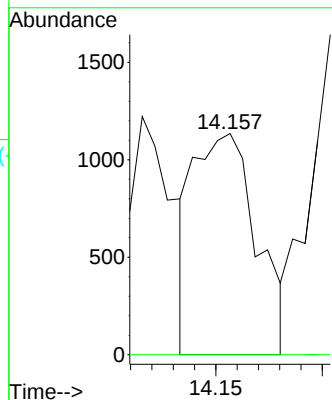
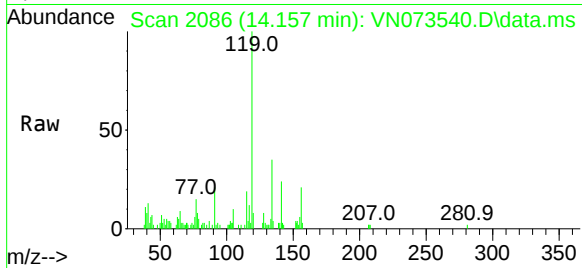




#90
Hexachloroethane
Concen: 0.717 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.012 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

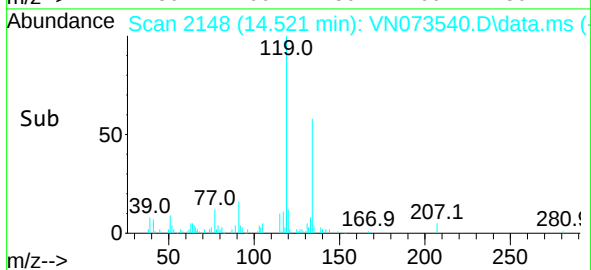
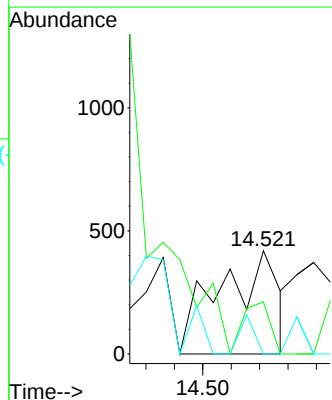
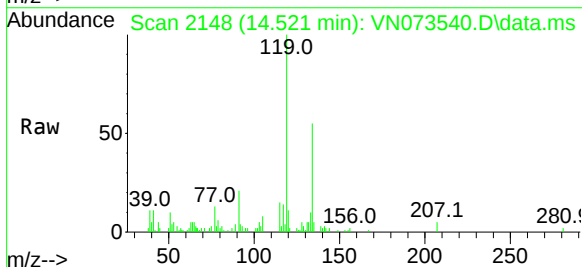
Instrument :
MSVOA_N
ClientSampleId :
070622-F

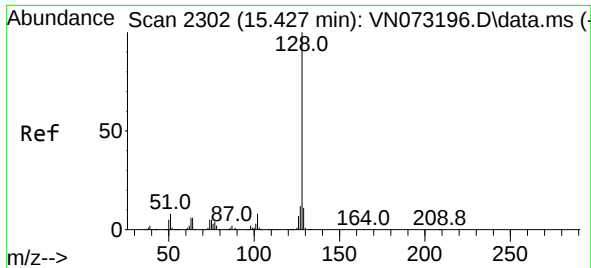
Tgt Ion:117 Resp: 2352
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.336 ug/l
RT: 14.521 min Scan# 2148
Delta R.T. -0.018 min
Lab File: VN073540.D
Acq: 20 Jul 2022 22:37

Tgt Ion: 75 Resp: 602
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#





#95

Naphthalene

Concen: 311.223 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073540.D

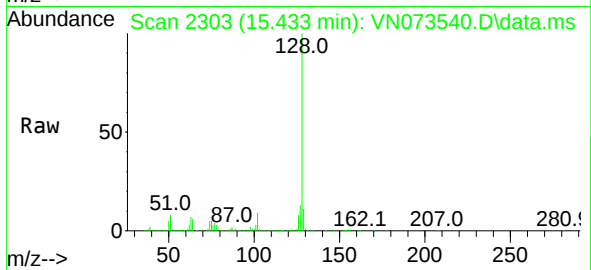
Acq: 20 Jul 2022 22:37

Instrument :

MSVOA_N

ClientSampleId :

070622-F



Tgt Ion:128 Resp: 6165121

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.0 8.6 13.0

