

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072022\
 Data File : VN073536.D
 Acq On : 20 Jul 2022 20:59
 Operator : JC\MD
 Sample : N3779-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 070622-B

Quant Time: Jul 21 08:27:02 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	261020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	420118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	390858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	206061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	160785	42.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.340%
35) Dibromofluoromethane	7.951	113	138493	49.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.100%
50) Toluene-d8	10.380	98	450011	45.331	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.660%
62) 4-Bromofluorobenzene	12.674	95	193445	50.706	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.420%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	825	0.223	ug/l	89
6) Chloroethane	3.051	64	1017	0.549	ug/l #	42
10) Methyl Iodide	4.351	142	82	3.754	ug/l #	44
11) Tert butyl alcohol	5.292	59	2994	3.280	ug/l #	78
14) Allyl chloride	4.734	41	4926	0.761	ug/l #	32
16) Acetone	4.228	43	77341	36.566	ug/l	97
17) Carbon Disulfide	4.457	76	14863	1.865	ug/l #	89
18) Methyl Acetate	4.787	43	2677	0.452	ug/l #	58
20) Methylene Chloride	5.022	84	8159	2.195	ug/l #	73
25) 2-Butanone	7.281	43	6499	1.930	ug/l #	79
28) Bromochloromethane	7.581	49	5349	2.043	ug/l #	84
30) Chloroform	7.745	83	42626	6.771	ug/l	97
31) Cyclohexane	8.016	56	7213	1.169	ug/l #	8
36) 1,1-Dichloropropene	8.010	75	20643	4.800	ug/l #	49
37) Ethyl Acetate	7.281	43	6499	1.000	ug/l #	67
38) Carbon Tetrachloride	8.016	117	26152	5.880	ug/l #	16
40) Benzene	8.392	78	287050	21.627	ug/l	97
46) Dibromomethane	9.516	93	502	0.219	ug/l #	17
51) 4-Methyl-2-Pentanone	10.275	43	1700	0.287	ug/l #	80
52) Toluene	10.445	92	180079	21.954	ug/l	99
55) 1,1,2-Trichloroethane	10.698	97	80209	23.752	ug/l #	19
56) Ethyl methacrylate	10.704	69	5323	0.975	ug/l #	1
59) 2-Hexanone	11.027	43	1559	0.345	ug/l #	21
60) Dibromochloromethane	10.910	129	2836	0.881	ug/l #	11
64) Tetrachloroethene	10.910	164	3124	0.979	ug/l	92
67) Ethyl Benzene	11.786	91	47988	2.990	ug/l	98
68) m/p-Xylenes	11.892	106	118003	19.483	ug/l	98
69) o-Xylene	12.221	106	90492	14.636	ug/l	99
70) Styrene	12.233	104	27527	2.884	ug/l #	53
73) Isopropylbenzene	12.521	105	4202	0.236	ug/l	99
76) 1,2,3-Trichloropropane	12.674	75	107514	19.954	ug/l #	1
77) Bromobenzene	12.680	156	13584	3.283	ug/l #	1
78) n-propylbenzene	12.863	91	12270	0.621	ug/l	98
79) 2-Chlorotoluene	12.921	91	6181	0.494	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.998	105	48146	3.320	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.674	75	107514	54.723	ug/l #	12

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

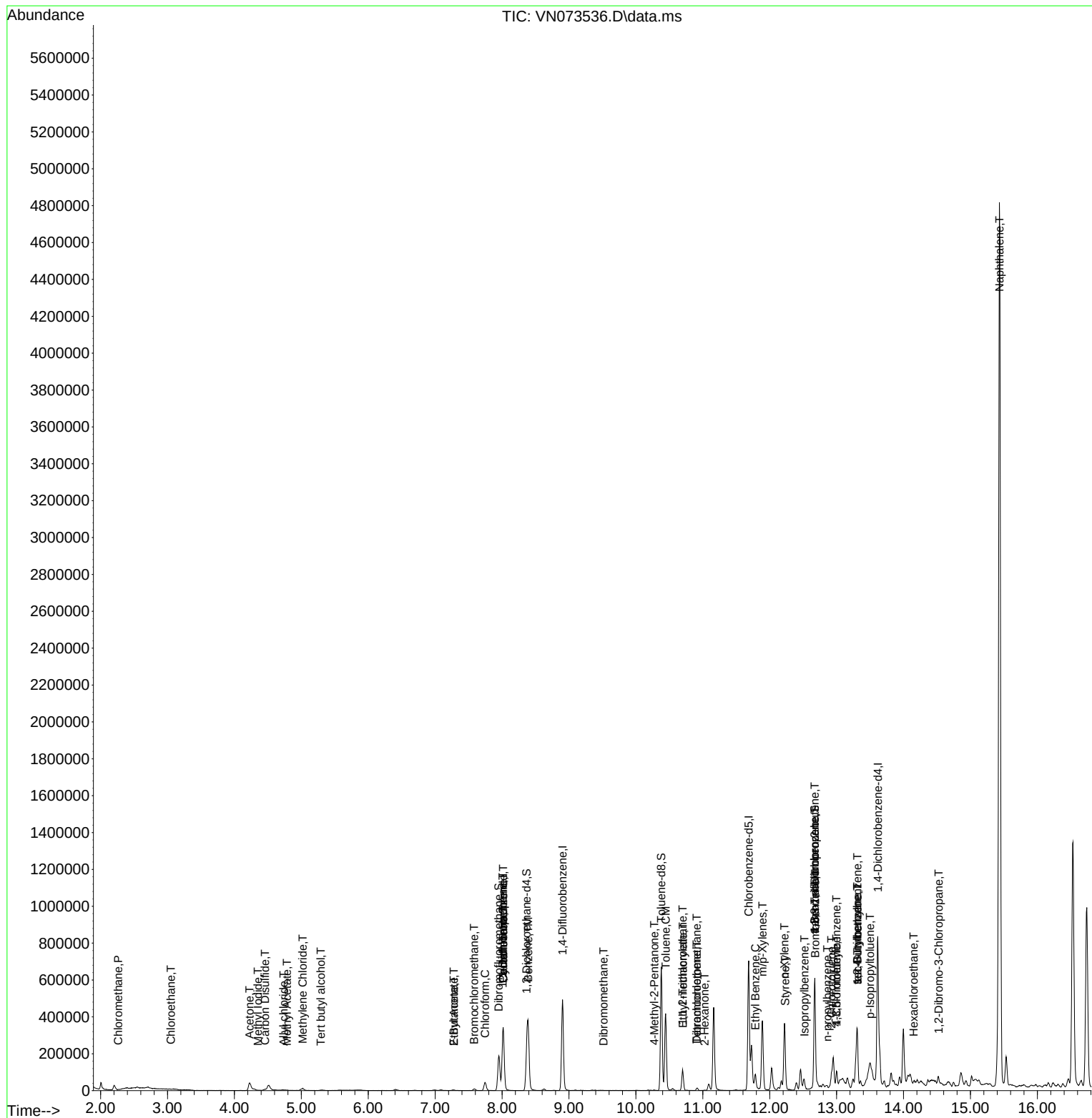
82) 4-Chlorotoluene	12.998	91	4760	0.393	ug/l #	40
83) tert-Butylbenzene	13.310	119	18420	1.417	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.310	105	152865	10.557	ug/l	99
85) sec-Butylbenzene	13.310	105	152865	8.755	ug/l #	56
86) p-Isopropyltoluene	13.498	119	4124	0.292	ug/l	94
90) Hexachloroethane	14.151	117	1885	0.717	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.527	75	291	0.203	ug/l #	20
95) Naphthalene	15.433	128	4296615	270.544	ug/l	99

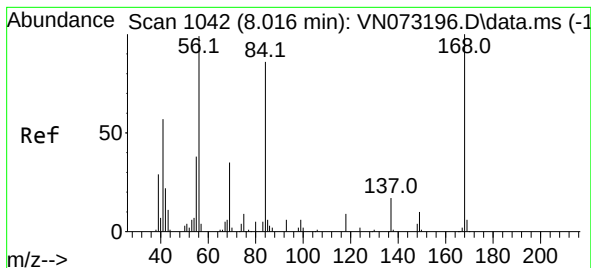
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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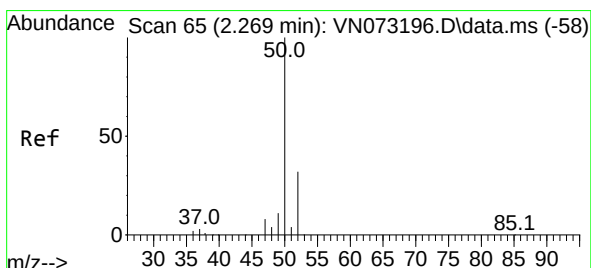
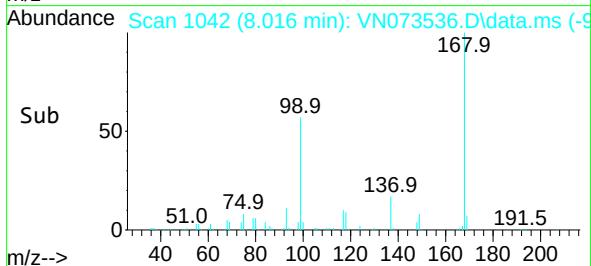
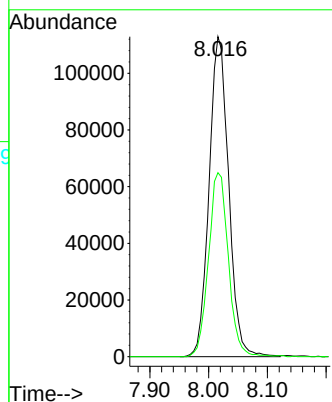
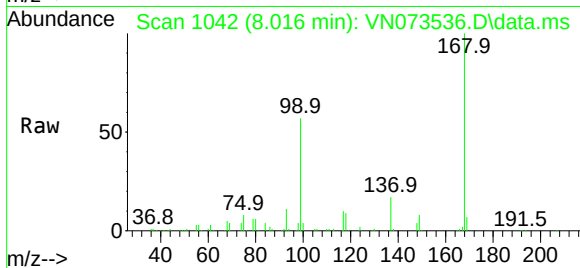




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073536.D
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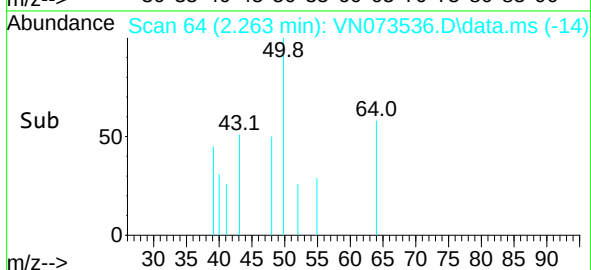
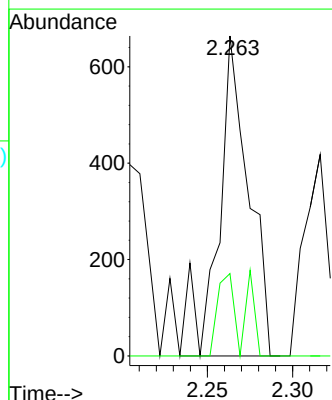
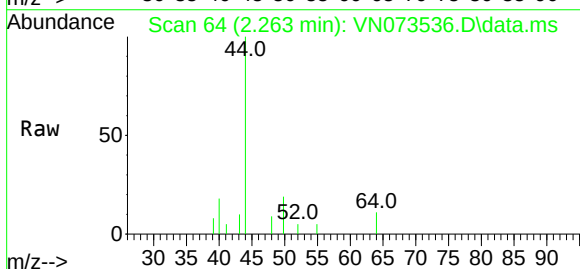
Instrument :
MSVOA_N
ClientSampleId :
070622-B

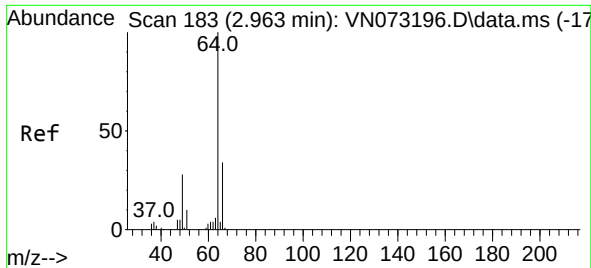
Tgt Ion:168 Resp: 261020
Ion Ratio Lower Upper
168 100
99 57.5 42.3 63.5



#3
Chloromethane
Concen: 0.223 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 50 Resp: 825
Ion Ratio Lower Upper
50 100
52 25.8 25.7 38.5

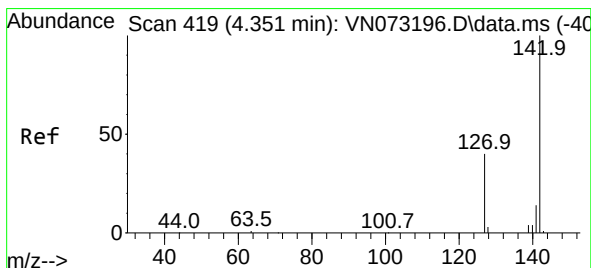
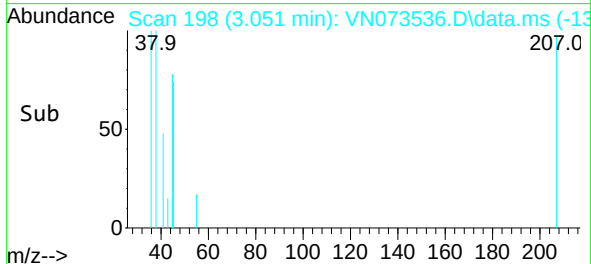
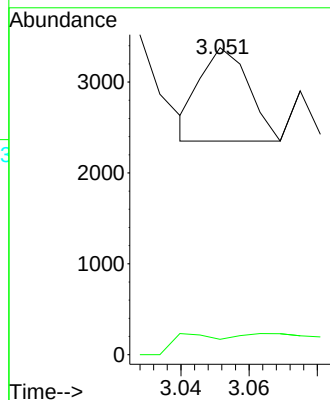
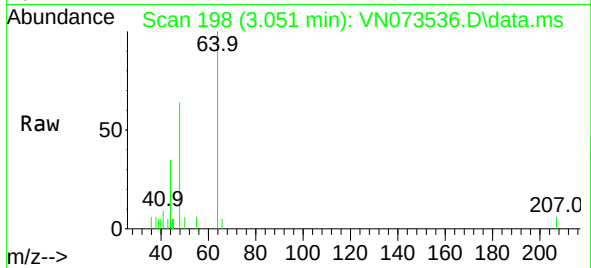




#6
Chloroethane
Concen: 0.549 ug/l
RT: 3.051 min Scan# 198
Delta R.T. 0.088 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

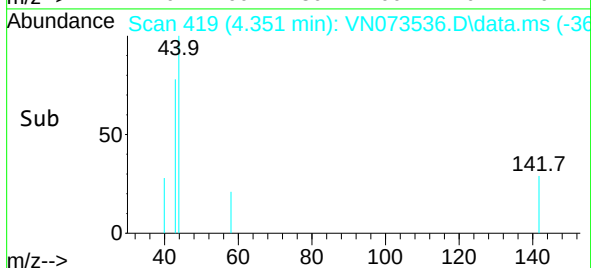
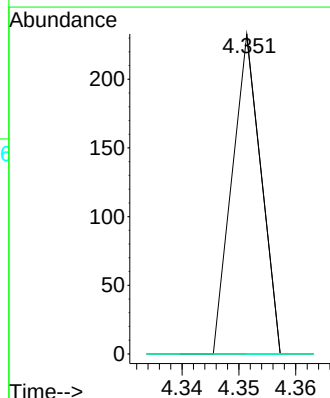
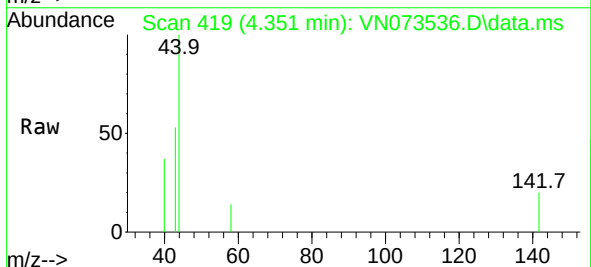
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ClientSampleId :
070622-B

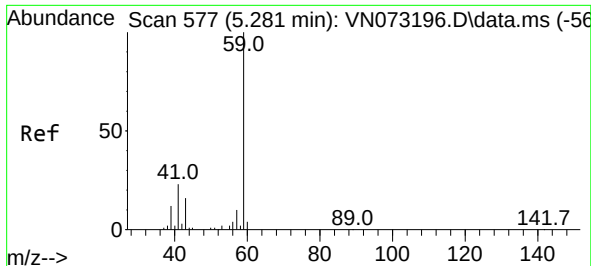
Tgt Ion: 64 Resp: 1017
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#10
Methyl Iodide
Concen: 3.754 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 142 Resp: 82
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.2 16.8#

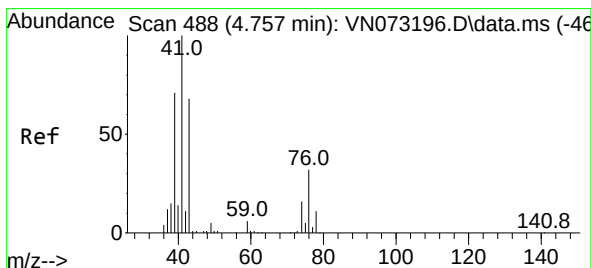
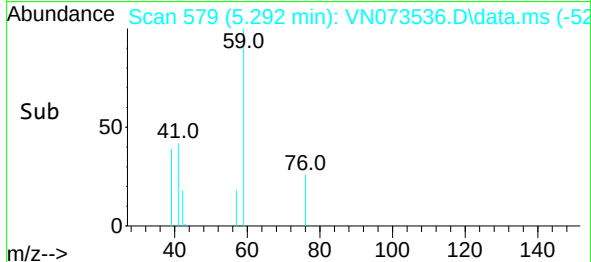
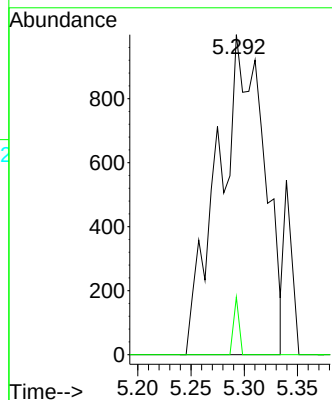
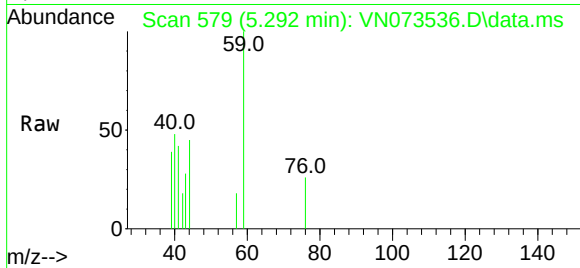




#11
Tert butyl alcohol
Concen: 3.280 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

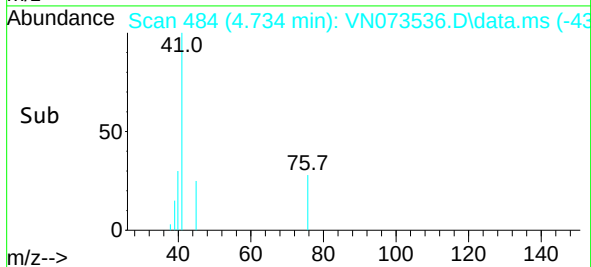
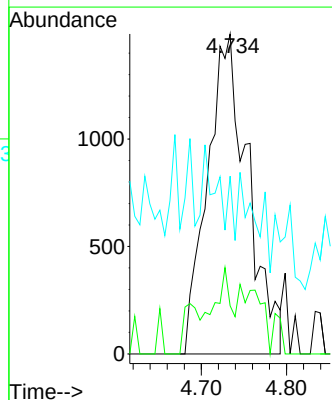
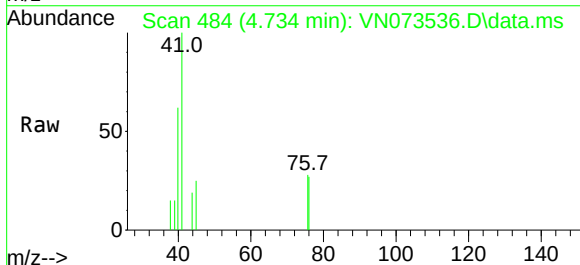
Instrument :
MSVOA_N
ClientSampleId :
070622-B

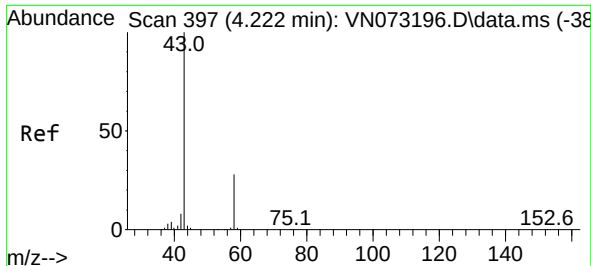
Tgt Ion: 59 Resp: 2994
Ion Ratio Lower Upper
59 100
57 2.1 8.3 12.5#



#14
Allyl chloride
Concen: 0.761 ug/l
RT: 4.734 min Scan# 484
Delta R.T. -0.023 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 41 Resp: 4926
Ion Ratio Lower Upper
41 100
39 9.1 53.2 79.8#
76 0.0 29.9 44.9#

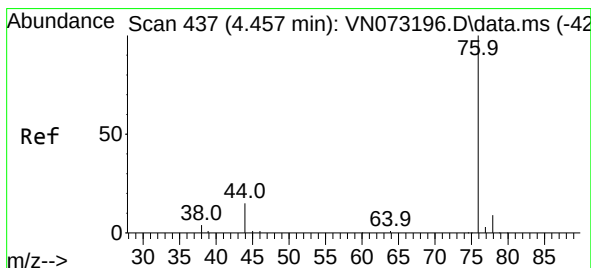
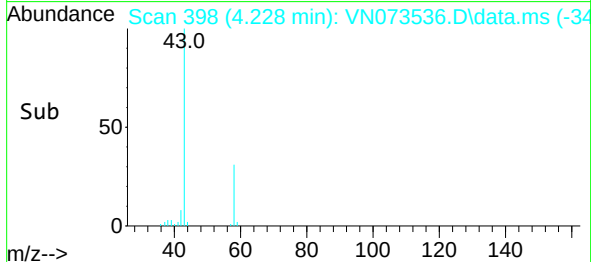
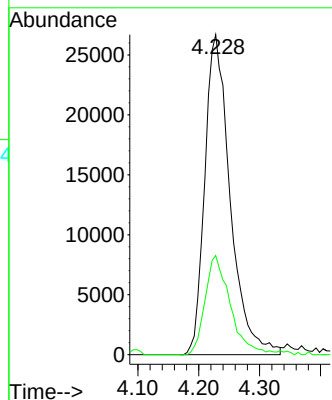
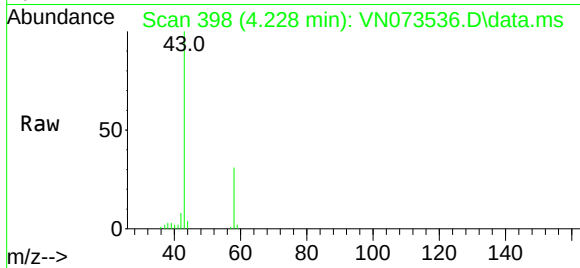




#16
Acetone
Concen: 36.566 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

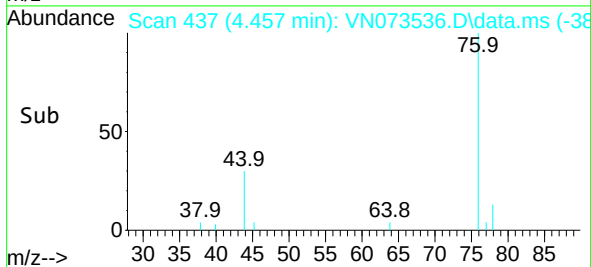
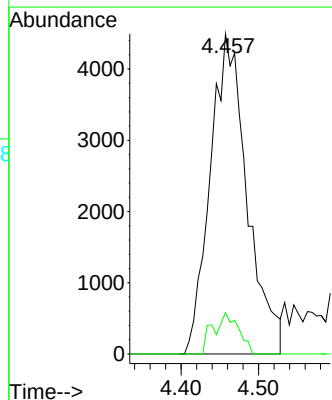
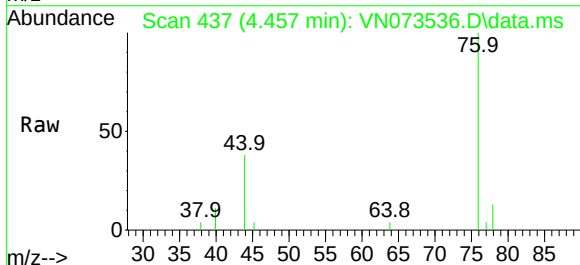
Instrument :
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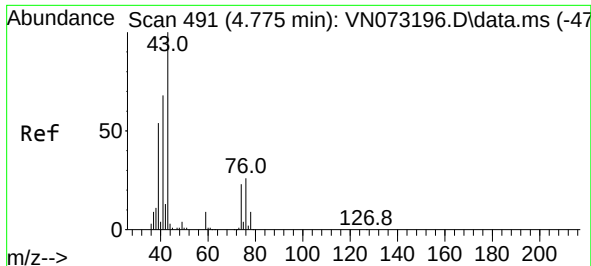
Tgt Ion: 43 Resp: 77341
Ion Ratio Lower Upper
43 100
58 31.0 26.0 39.0



#17
Carbon Disulfide
Concen: 1.865 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 76 Resp: 14863
Ion Ratio Lower Upper
76 100
78 12.9 7.2 10.8#

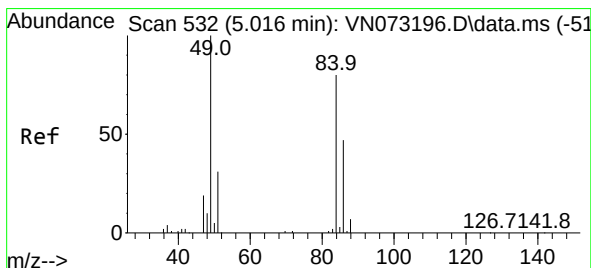
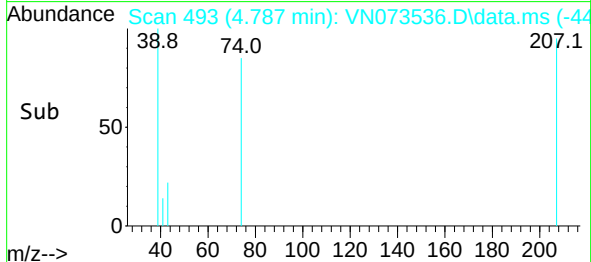
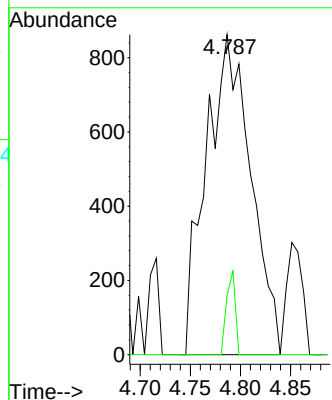
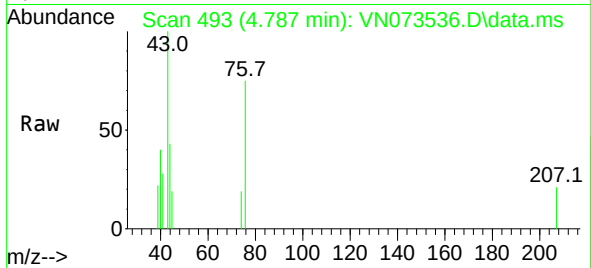




#18
Methyl Acetate
Concen: 0.452 ug/l
RT: 4.787 min Scan# 491
Delta R.T. 0.012 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

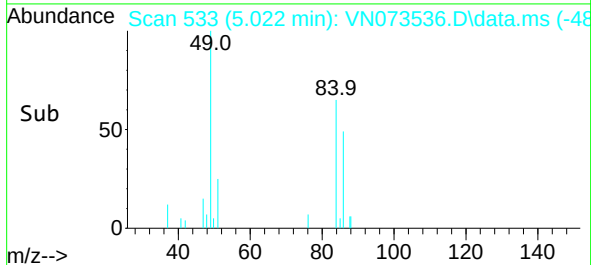
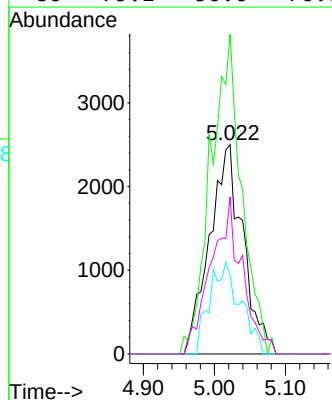
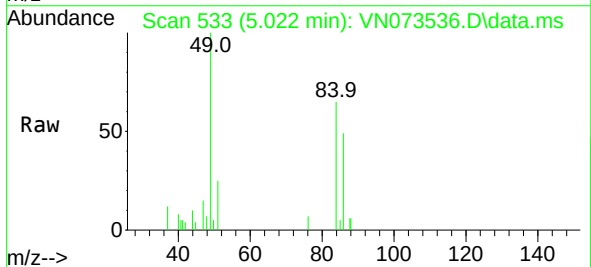
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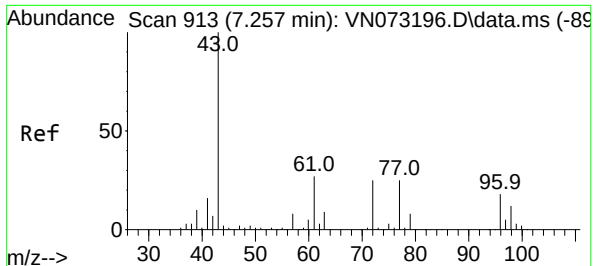
Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
74 5.1 21.6 32.4#



#20
Methylene Chloride
Concen: 2.195 ug/l
RT: 5.022 min Scan# 533
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 84 Resp: 8159
Ion Ratio Lower Upper
84 100
49 152.9 88.3 132.5#
51 37.7 28.2 42.2
86 75.1 50.6 76.0

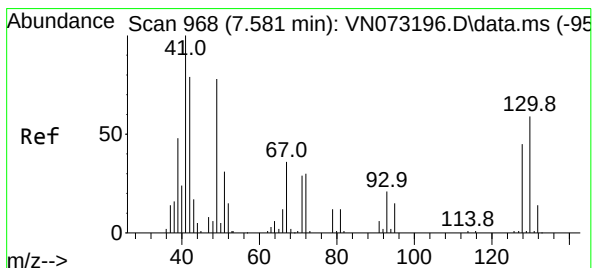
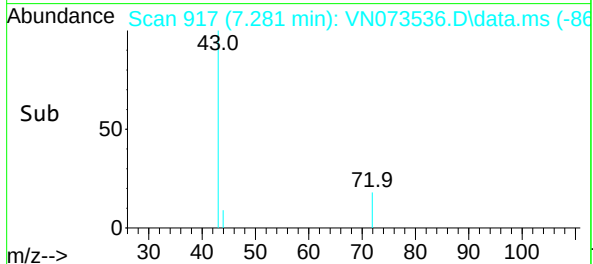
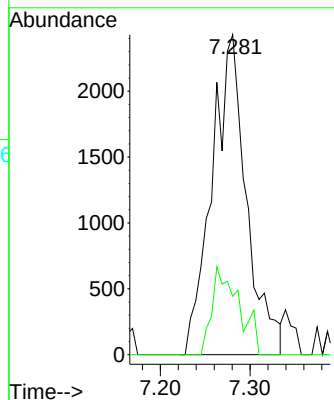
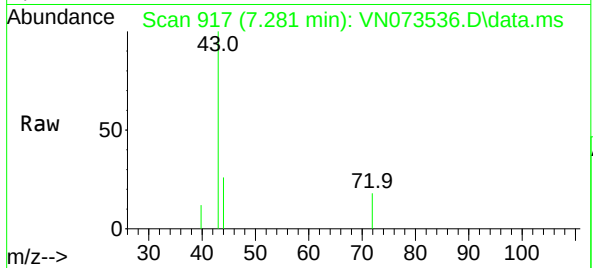




#25
2-Butanone
Concen: 1.930 ug/l
RT: 7.281 min Scan# 913
Delta R.T. 0.024 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

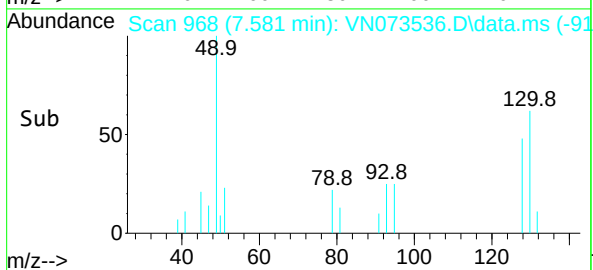
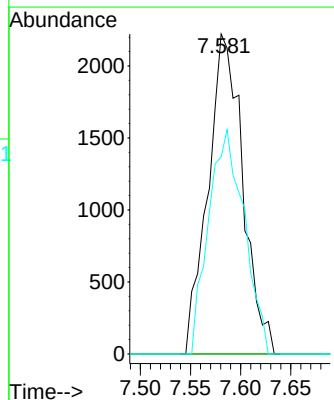
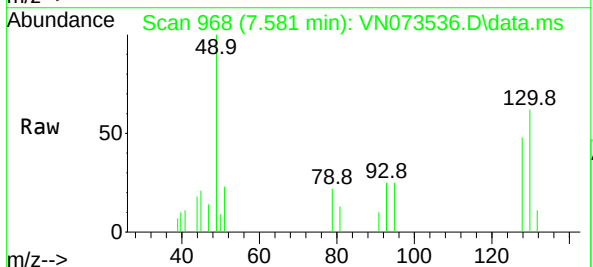
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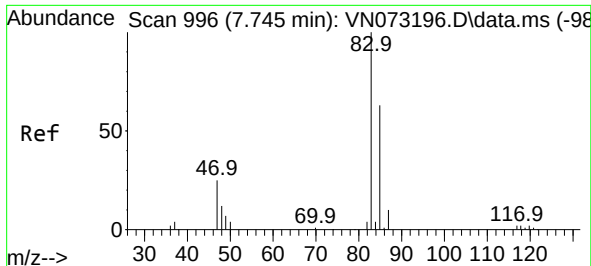
Tgt Ion: 43 Resp: 6499
Ion Ratio Lower Upper
43 100
72 18.2 23.7 35.5#



#28
Bromochloromethane
Concen: 2.043 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.000 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 49 Resp: 5349
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 72.0 69.7 104.5

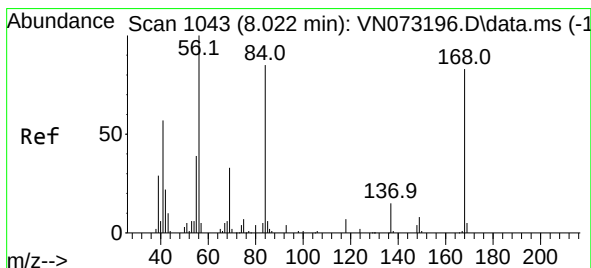
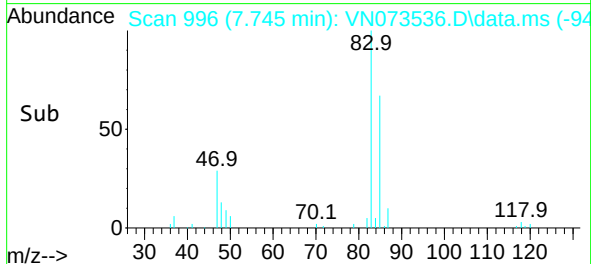
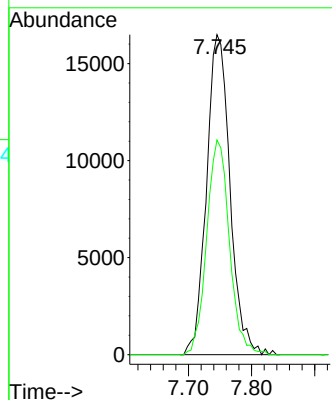
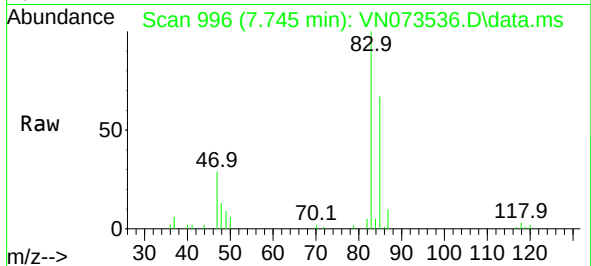




#30
Chloroform
Concen: 6.771 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

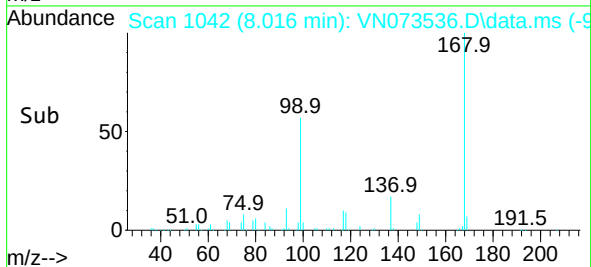
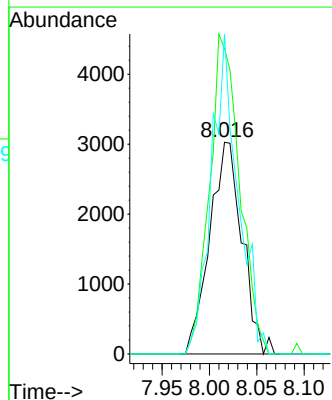
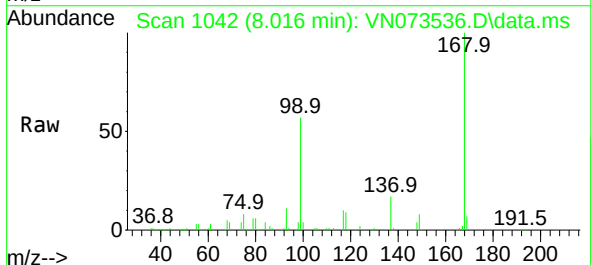
Instrument :
MSVOA_N
ClientSampleId :
070622-B

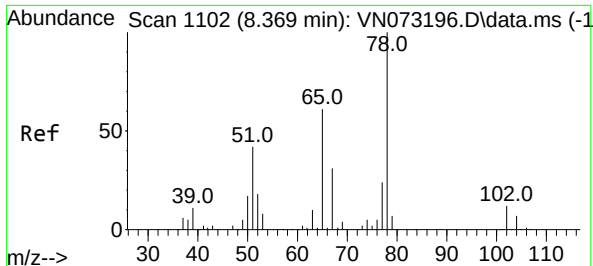
Tgt Ion: 83 Resp: 42626
Ion Ratio Lower Upper
83 100
85 67.1 51.8 77.8



#31
Cyclohexane
Concen: 1.169 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 56 Resp: 7213
Ion Ratio Lower Upper
56 100
69 144.3 27.8 41.8#
84 151.1 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 42.670 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

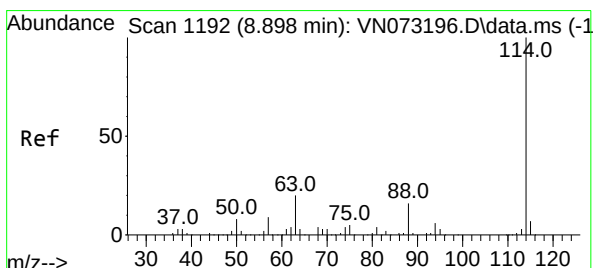
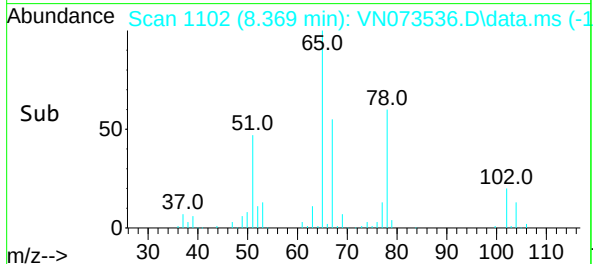
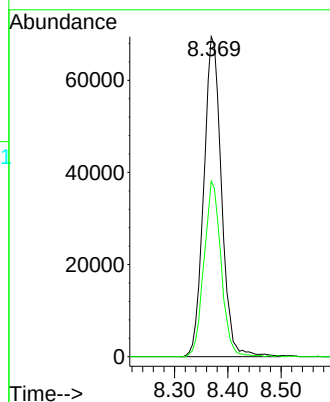
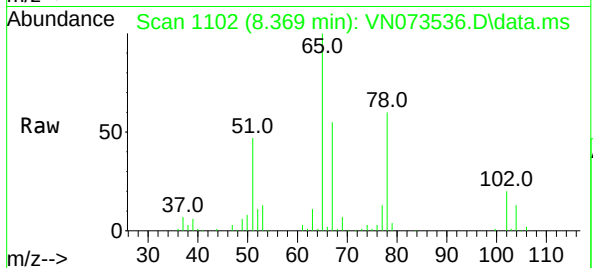
070622-B

Tgt Ion: 65 Resp: 160785

Ion Ratio Lower Upper

65 100

67 52.8 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: VN073536.D

Acq: 20 Jul 2022 20:59

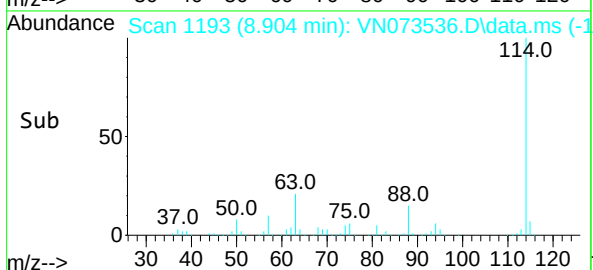
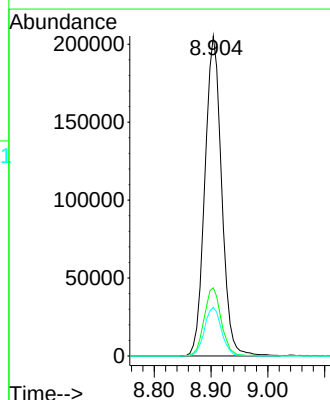
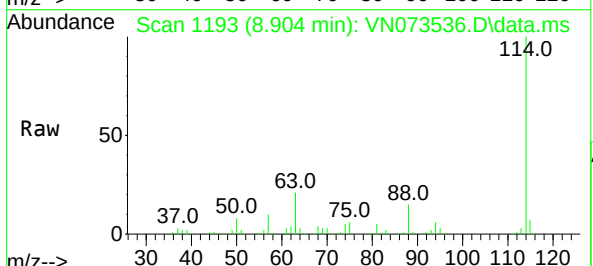
Tgt Ion: 114 Resp: 420118

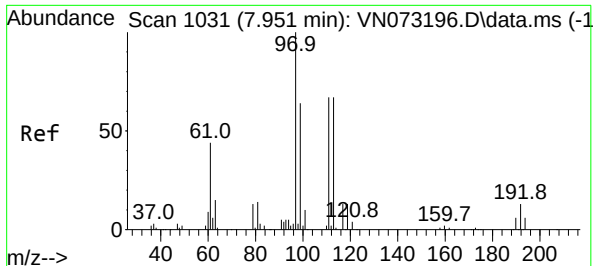
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 49.548 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

070622-B

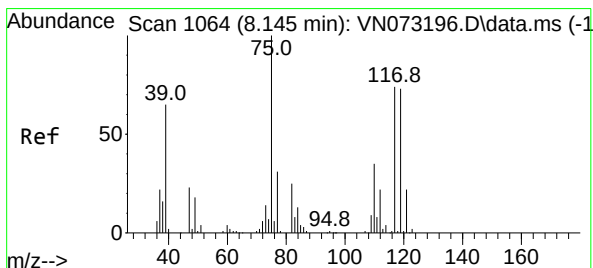
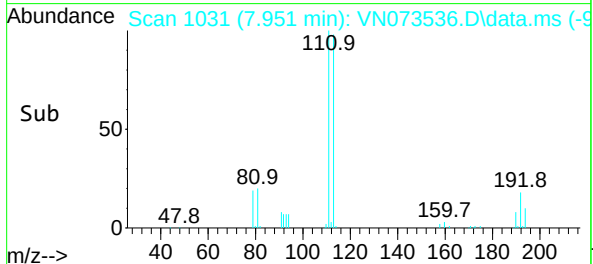
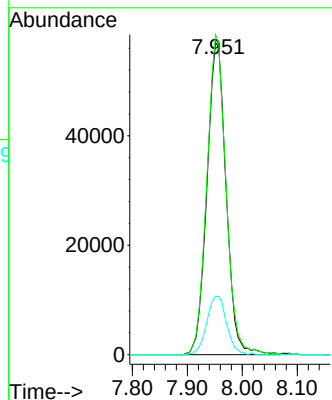
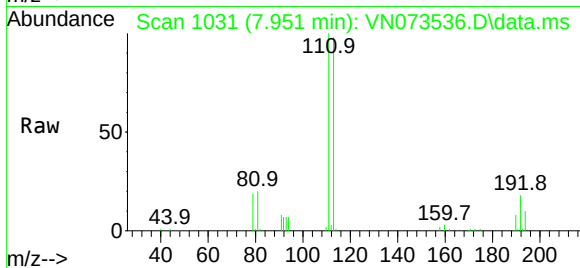
Tgt Ion:113 Resp: 138493

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.800 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.135 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

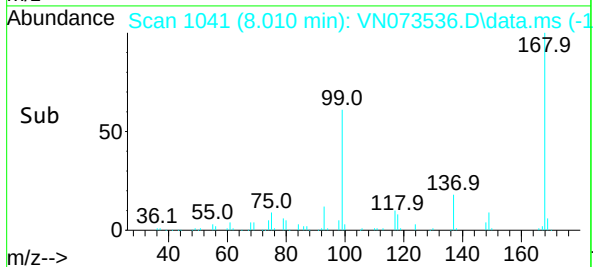
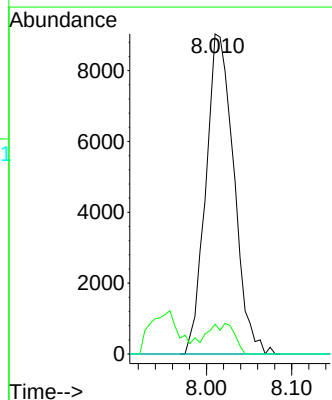
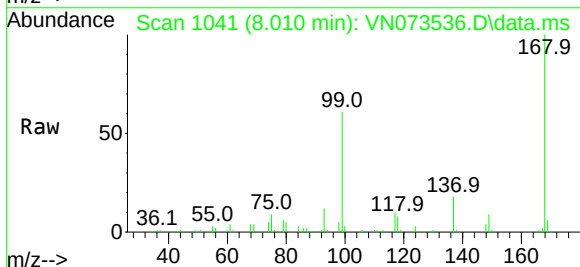
Tgt Ion: 75 Resp: 20643

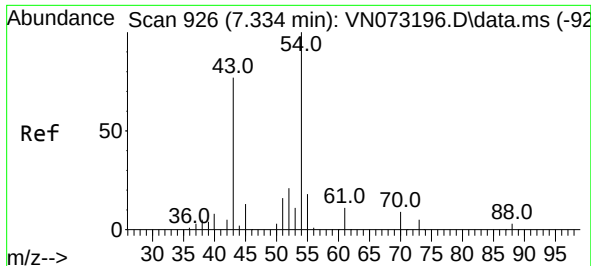
Ion Ratio Lower Upper

75 100

110 8.8 18.3 54.8#

77 0.0 25.1 37.7#

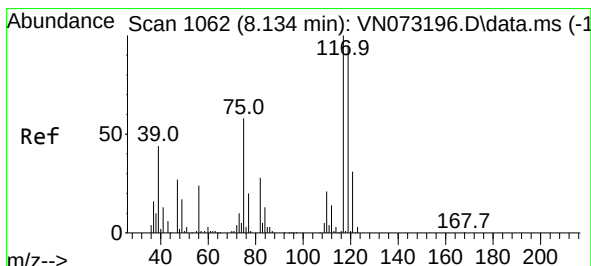
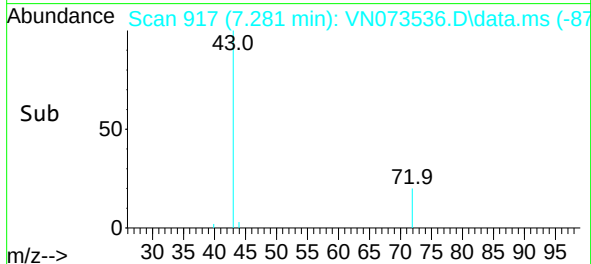
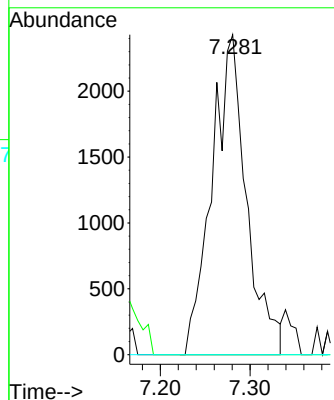
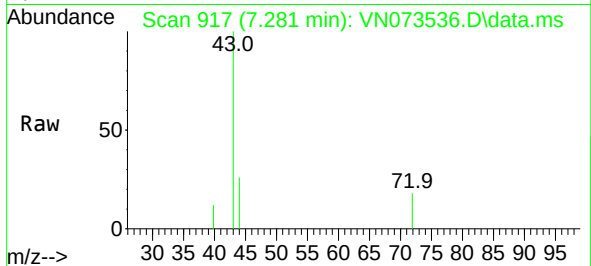




#37
Ethyl Acetate
Concen: 1.000 ug/l
RT: 7.281 min Scan# 91
Delta R.T. -0.053 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

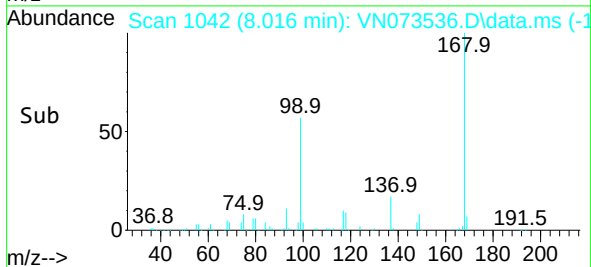
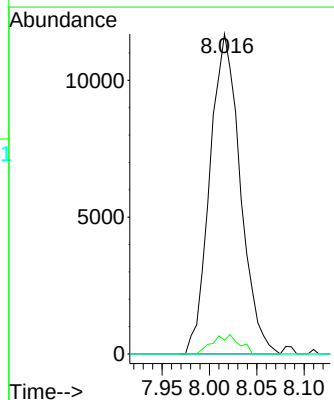
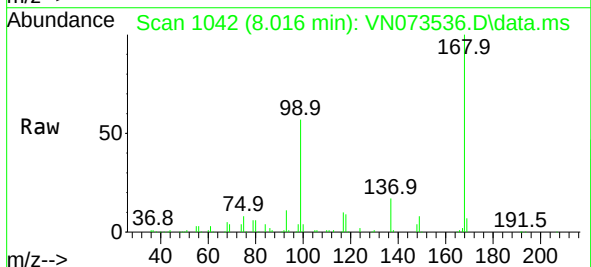
Instrument :
MSVOA_N
ClientSampleId :
070622-B

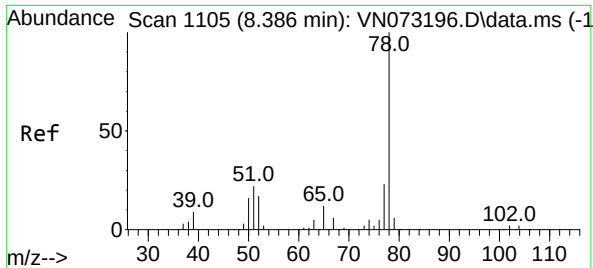
Tgt Ion: 43 Resp: 6499
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 5.880 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 117 Resp: 26152
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.8#
121 0.0 24.6 37.0#

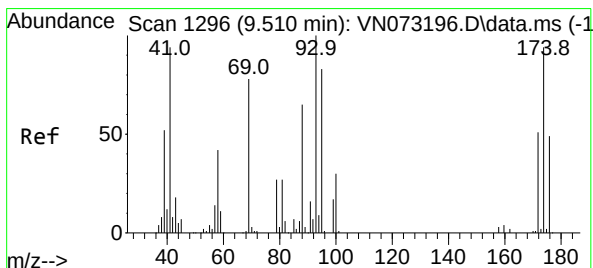
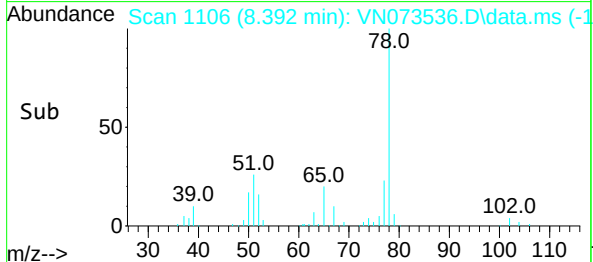
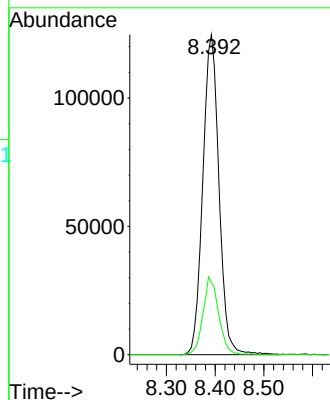
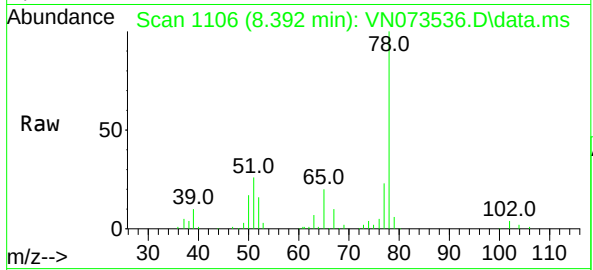




#40
Benzene
Concen: 21.627 ug/l
RT: 8.392 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

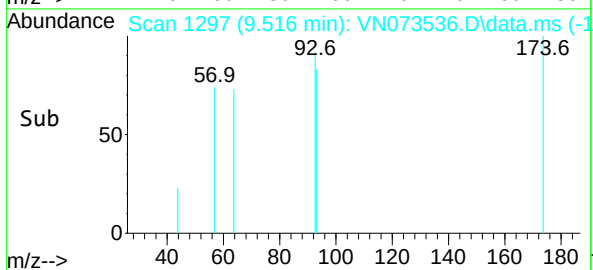
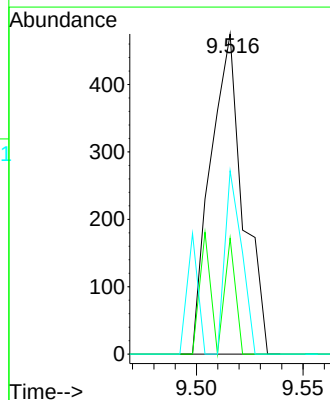
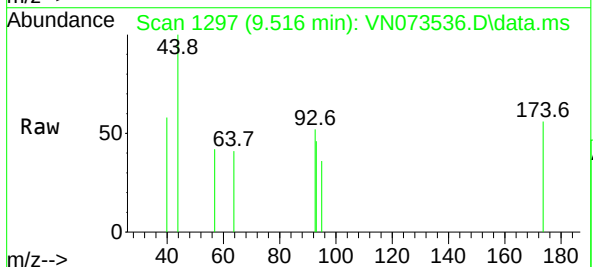
Instrument :
MSVOA_N
ClientSampleId :
070622-B

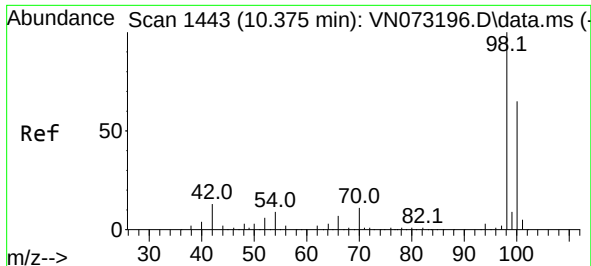
Tgt Ion: 78 Resp: 287050
Ion Ratio Lower Upper
78 100
77 22.7 19.4 29.0



#46
Dibromomethane
Concen: 0.219 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 93 Resp: 502
Ion Ratio Lower Upper
93 100
95 0.0 66.9 100.3#
174 29.7 86.6 130.0#

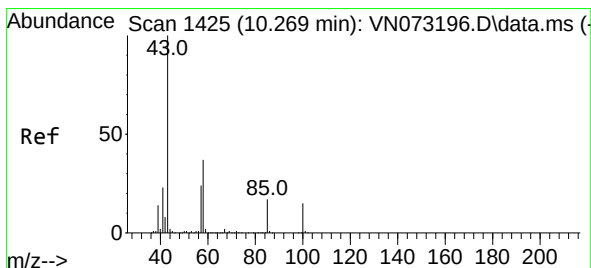
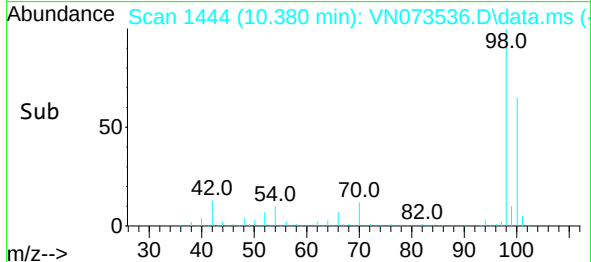
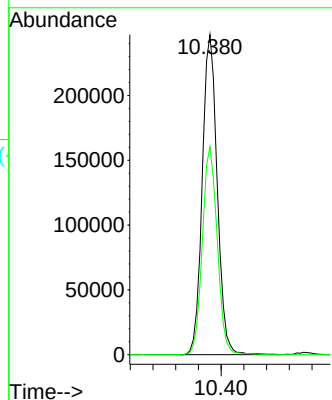
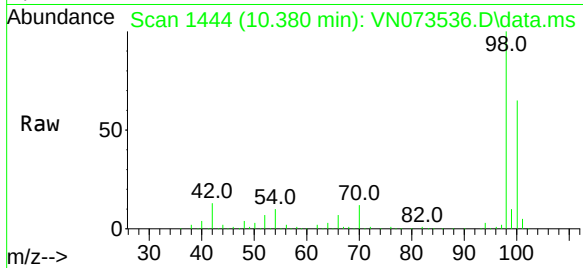




#50
Toluene-d8
Concen: 45.331 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

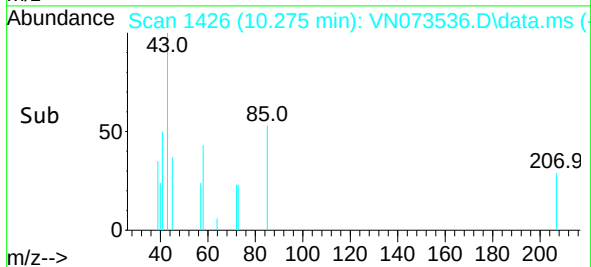
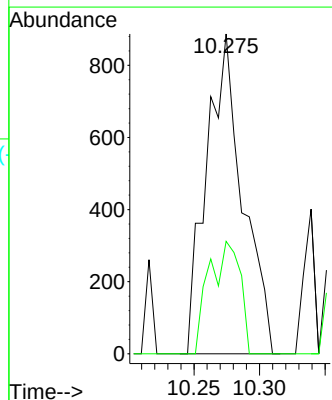
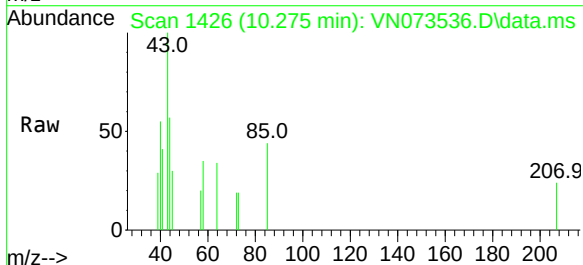
Instrument :
MSVOA_N
ClientSampleId :
070622-B

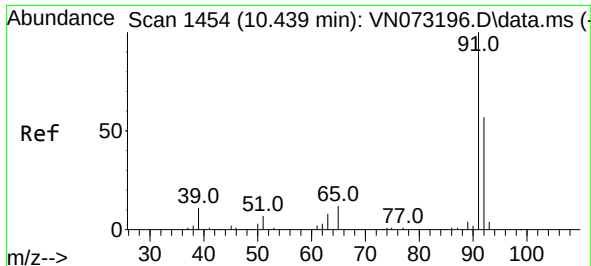
Tgt Ion: 98 Resp: 450011
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.287 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 43 Resp: 1700
Ion Ratio Lower Upper
43 100
58 30.1 34.1 51.1#

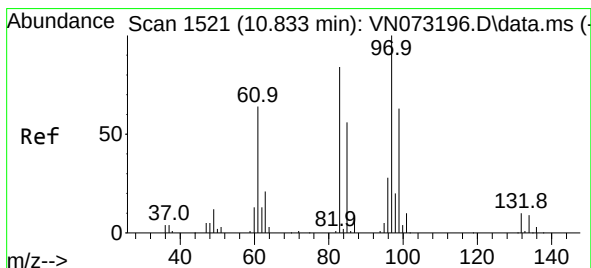
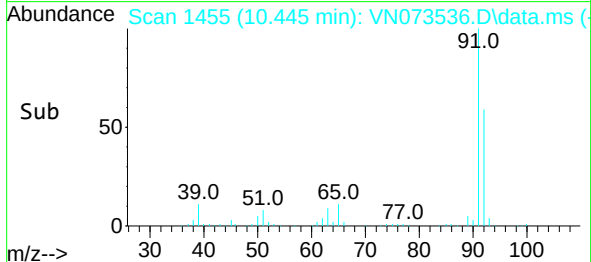
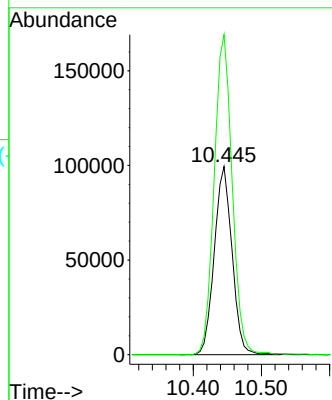
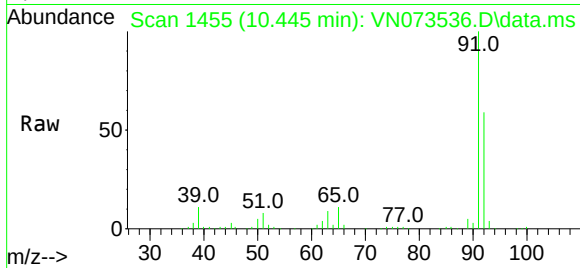




#52
Toluene
Concen: 21.954 ug/l
RT: 10.445 min Scan# 1497
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

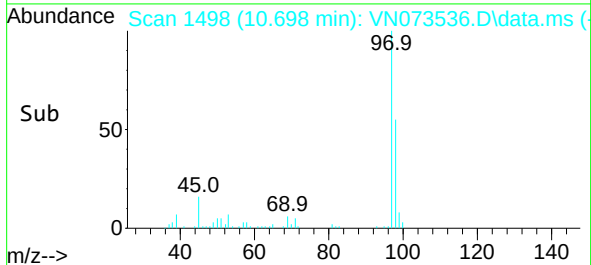
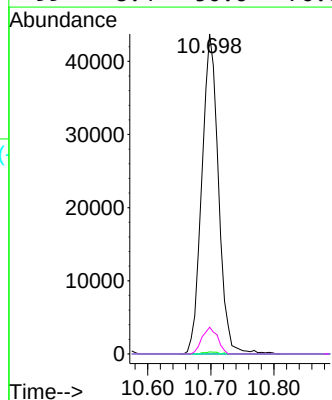
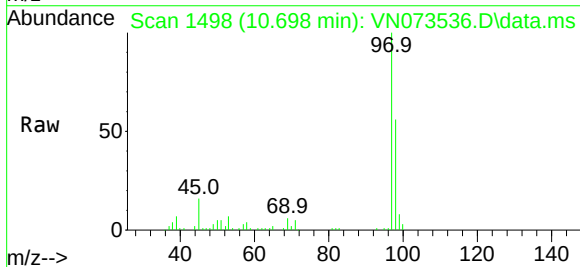
Instrument :
MSVOA_N
ClientSampleId :
070622-B

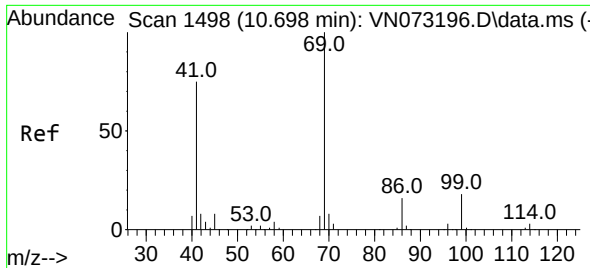
Tgt Ion: 92 Resp: 180079
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 23.752 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.135 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 97 Resp: 80209
Ion Ratio Lower Upper
97 100
83 0.7 66.2 99.4#
85 0.0 43.9 65.9#
99 8.4 50.6 76.0#

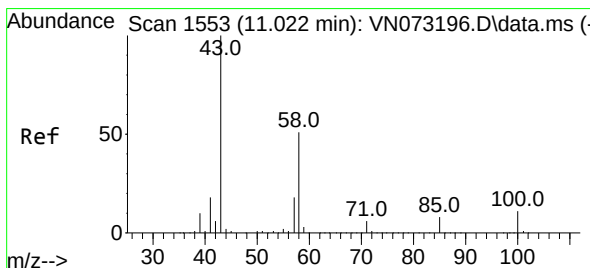
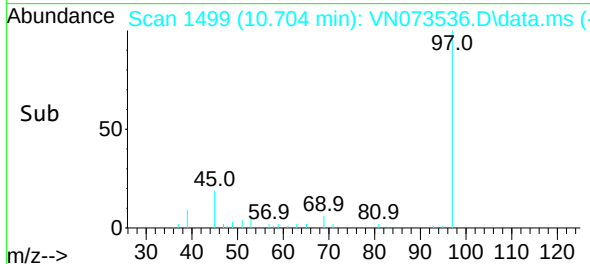
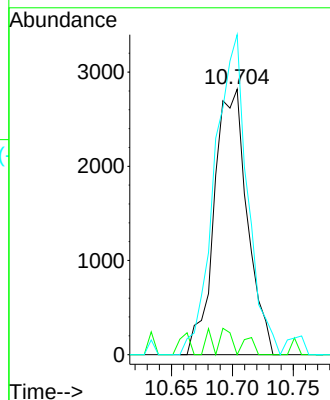
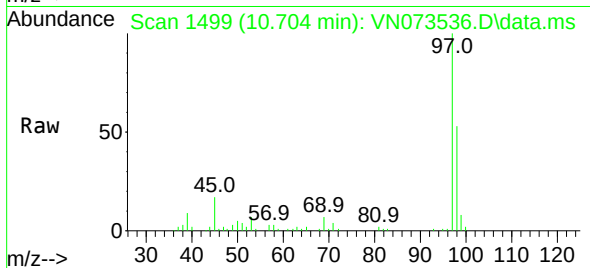




#56
Ethyl methacrylate
Concen: 0.975 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

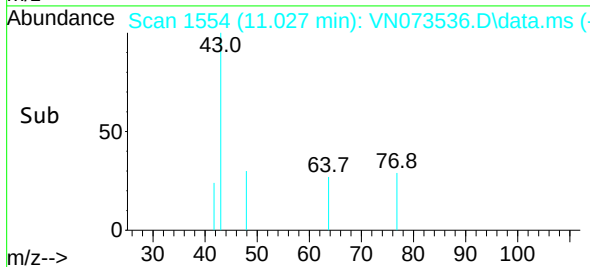
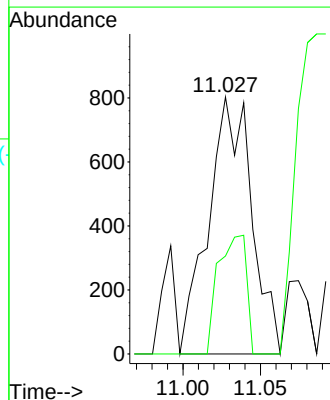
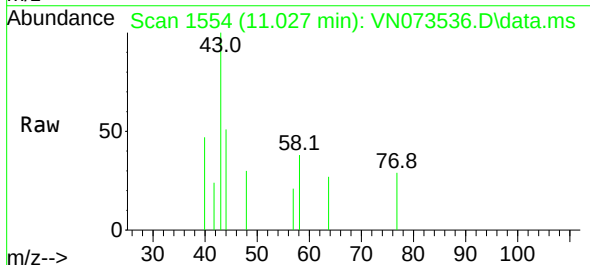
Instrument :
MSVOA_N
ClientSampleId :
070622-B

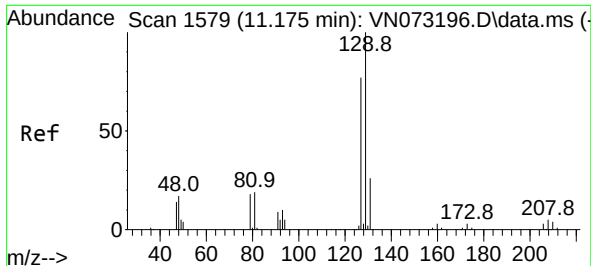
Tgt Ion: 69 Resp: 5323
Ion Ratio Lower Upper
69 100
41 5.2 47.8 71.6#
39 119.6 27.3 40.9#



#59
2-Hexanone
Concen: 0.345 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.005 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 43 Resp: 1559
Ion Ratio Lower Upper
43 100
58 0.0 29.7 89.1#

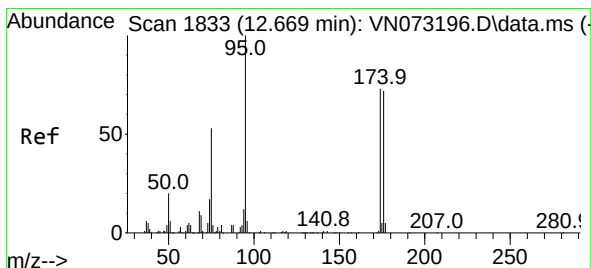
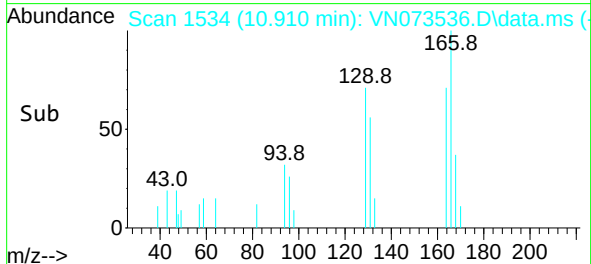
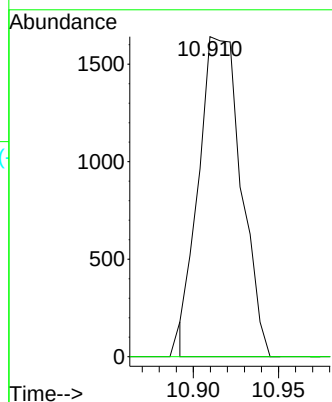
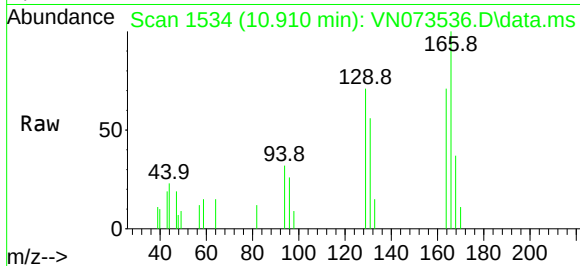




#60
Dibromochloromethane
Concen: 0.881 ug/l
RT: 10.910 min Scan# 11
Delta R.T. -0.265 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

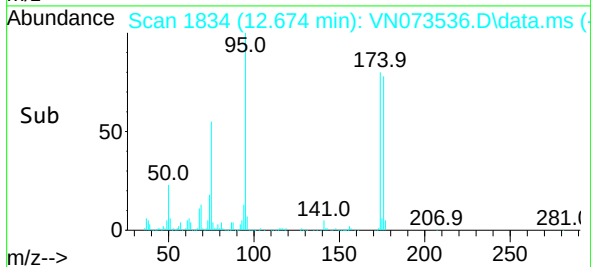
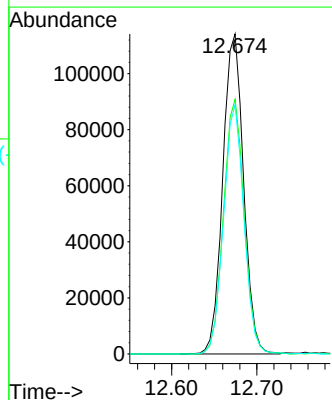
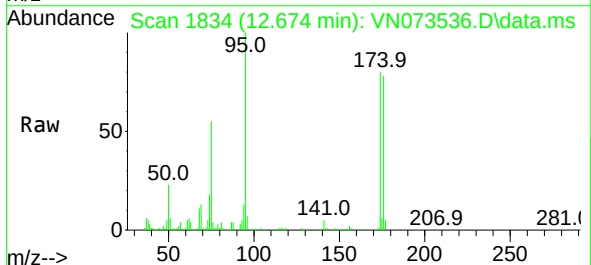
Instrument :
MSVOA_N
ClientSampleId :
070622-B

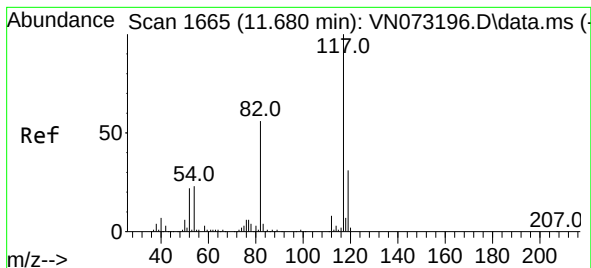
Tgt Ion:129 Resp: 2836
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 50.706 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 95 Resp: 193445
Ion Ratio Lower Upper
95 100
174 79.3 0.0 167.6
176 76.3 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: VN073536.D

Acq: 20 Jul 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

070622-B

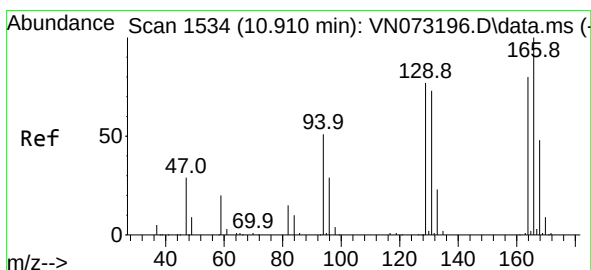
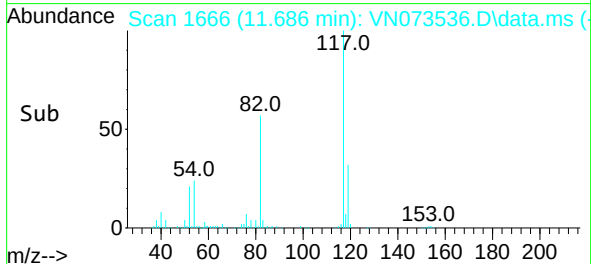
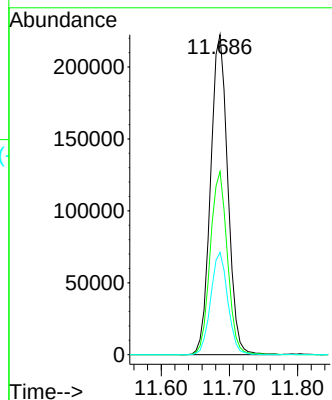
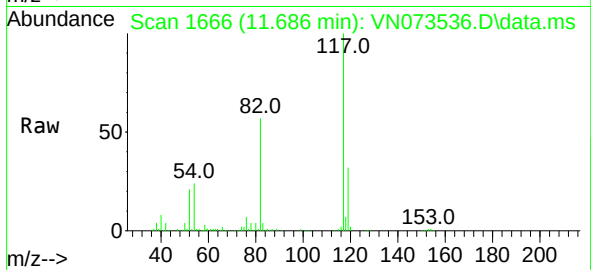
Tgt Ion:117 Resp: 390858

Ion Ratio Lower Upper

117 100

82 57.2 44.2 66.2

119 32.0 25.4 38.0



#64

Tetrachloroethene

Concen: 0.979 ug/l

RT: 10.910 min Scan# 1534

Delta R.T. -0.000 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

Tgt Ion:164 Resp: 3124

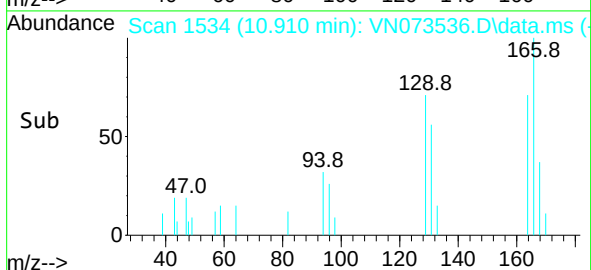
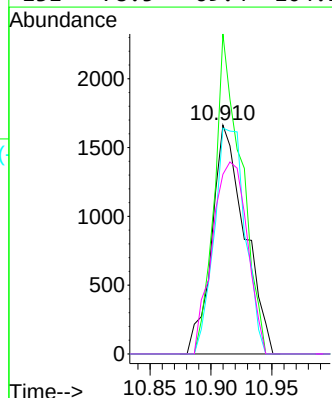
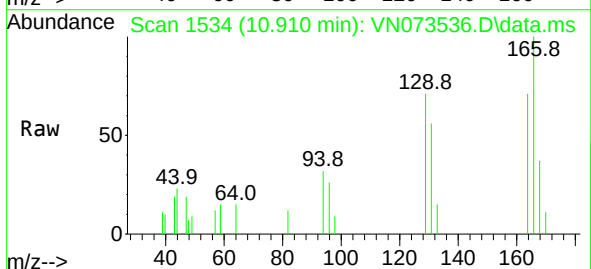
Ion Ratio Lower Upper

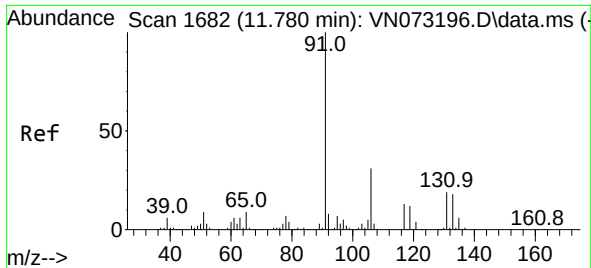
164 100

166 139.9 104.2 156.2

129 98.7 73.9 110.9

131 78.5 69.4 104.2

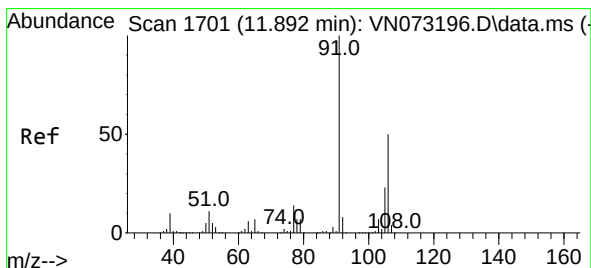
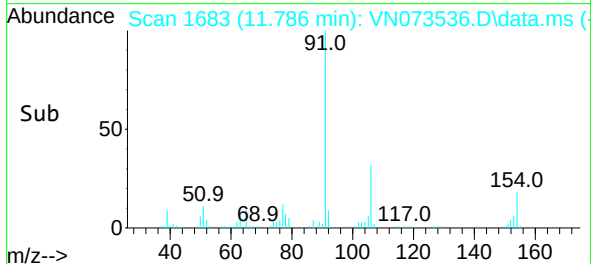
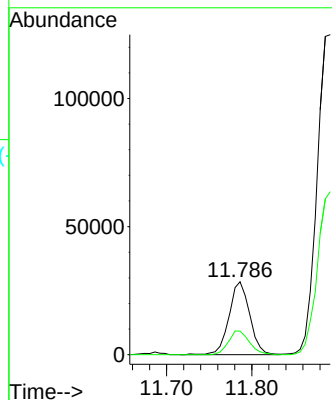
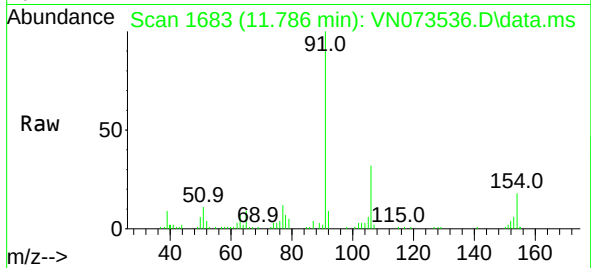




#67
Ethyl Benzene
Concen: 2.990 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

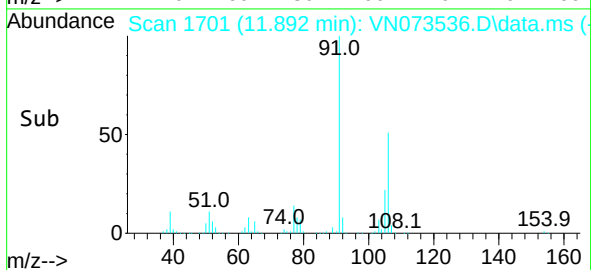
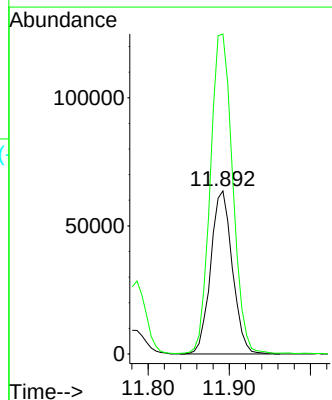
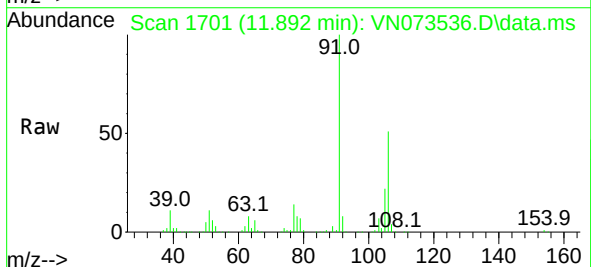
Instrument :
MSVOA_N
ClientSampleId :
070622-B

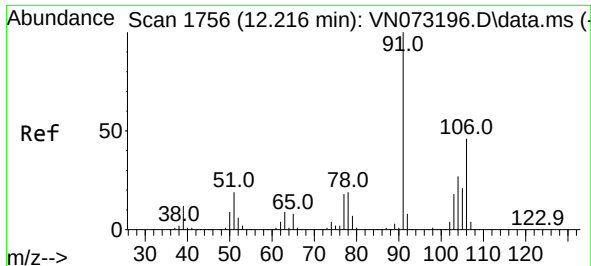
Tgt Ion: 91 Resp: 47988
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3



#68
m/p-Xylenes
Concen: 19.483 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 106 Resp: 118003
Ion Ratio Lower Upper
106 100
91 201.9 158.9 238.3





#69

o-Xylene

Concen: 14.636 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

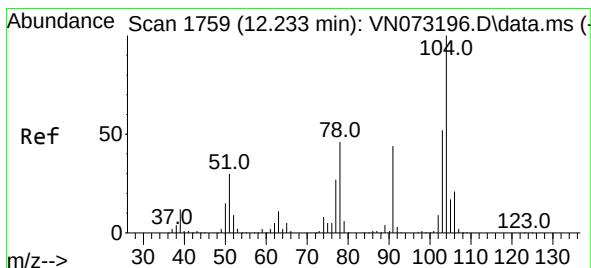
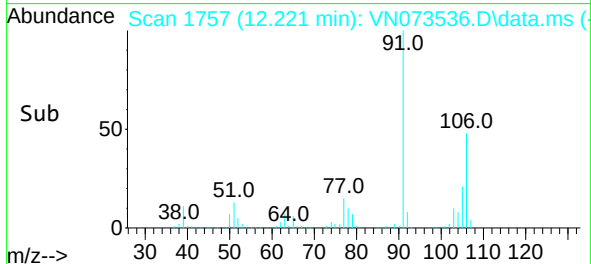
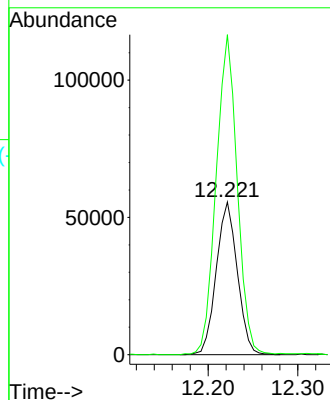
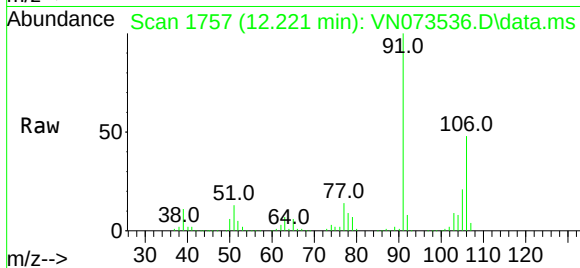
070622-B

Tgt Ion:106 Resp: 90492

Ion Ratio Lower Upper

106 100

91 210.0 106.0 318.0



#70

Styrene

Concen: 2.884 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

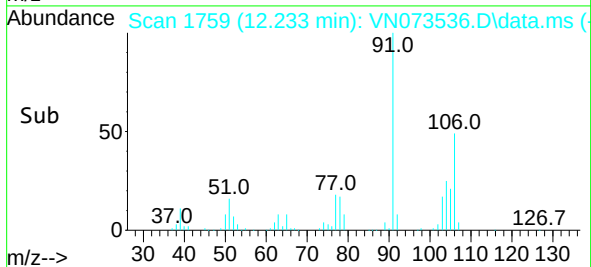
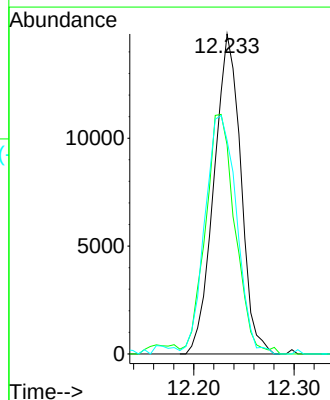
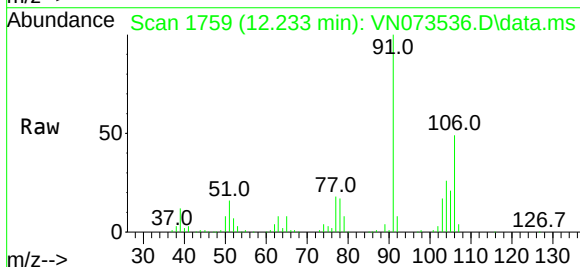
Tgt Ion:104 Resp: 27527

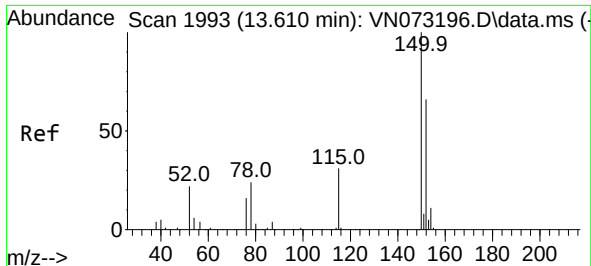
Ion Ratio Lower Upper

104 100

78 83.2 39.5 59.3#

103 87.6 44.0 66.0#

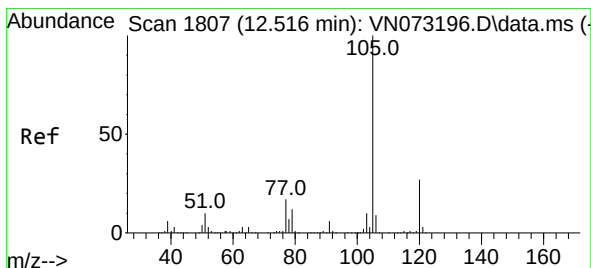
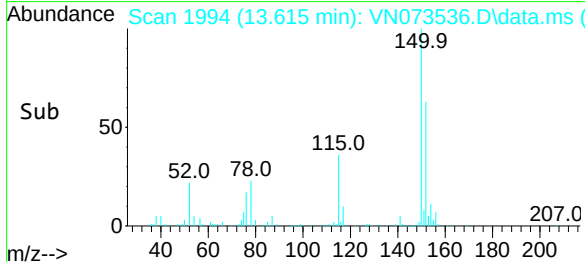
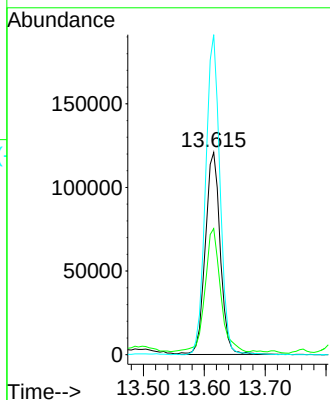
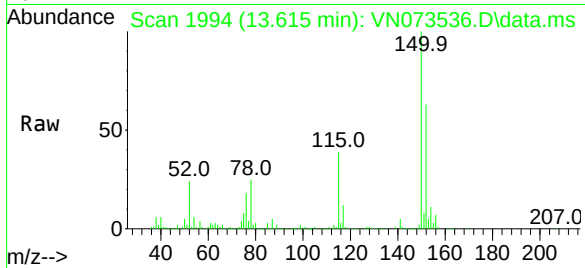




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

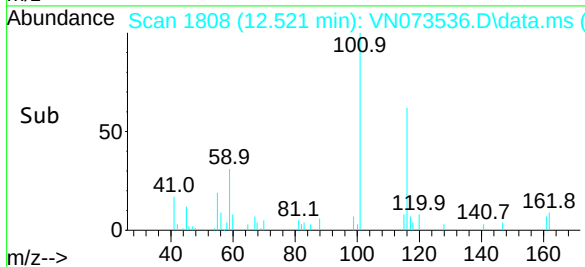
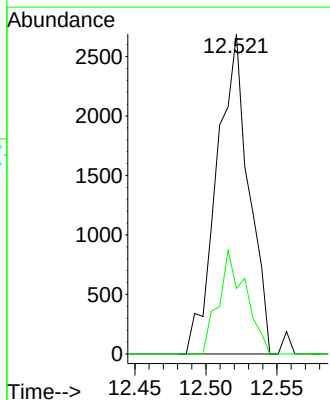
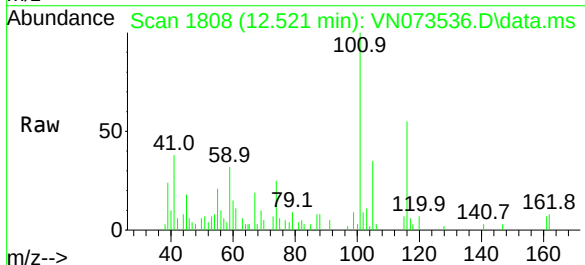
Instrument :
MSVOA_N
ClientSampleId :
070622-B

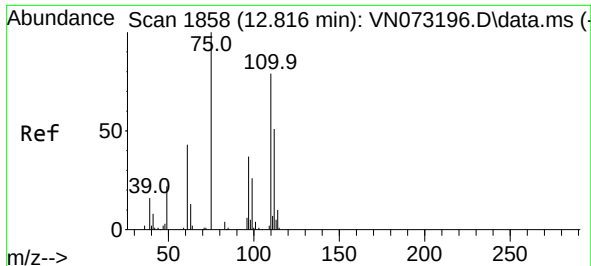
Tgt Ion:152 Resp: 206061
Ion Ratio Lower Upper
152 100
115 63.4 28.9 86.7
150 152.3 0.0 356.2



#73
Isopropylbenzene
Concen: 0.236 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.005 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion:105 Resp: 4202
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4

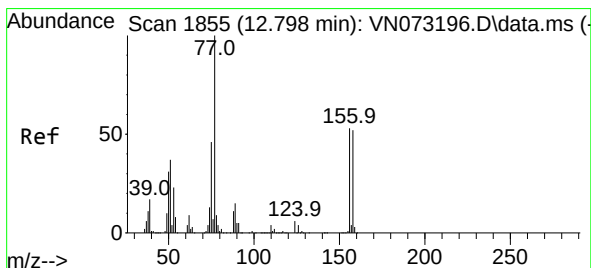
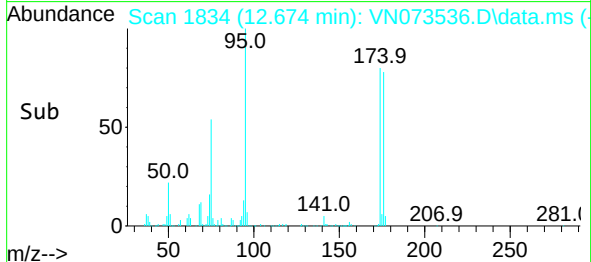
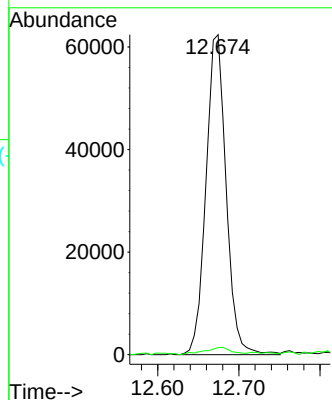
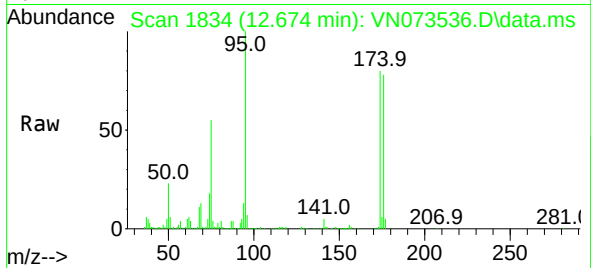




#76
1,2,3-Trichloropropane
Concen: 19.954 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.142 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

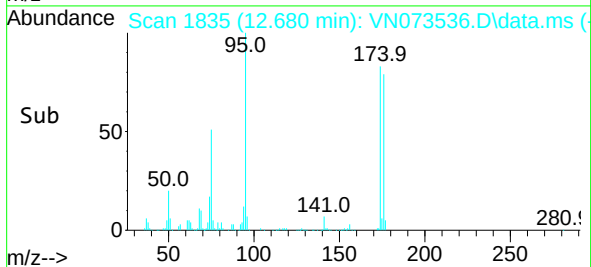
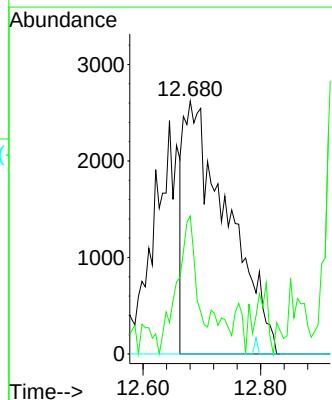
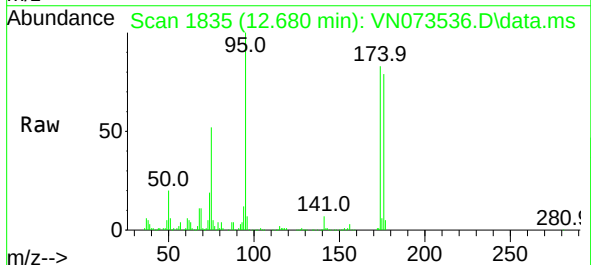
Instrument :
MSVOA_N
ClientSampleId :
070622-B

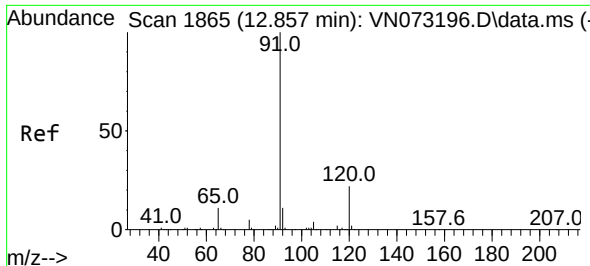
Tgt Ion: 75 Resp: 107514
Ion Ratio Lower Upper
75 100
77 3.1 98.5 295.5#



#77
Bromobenzene
Concen: 3.283 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. -0.118 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 156 Resp: 13584
Ion Ratio Lower Upper
156 100
77 24.7 100.5 301.5#
158 0.0 48.9 146.6#

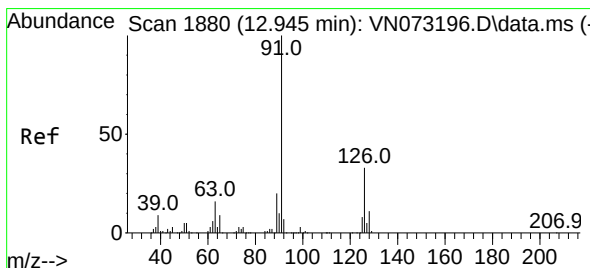
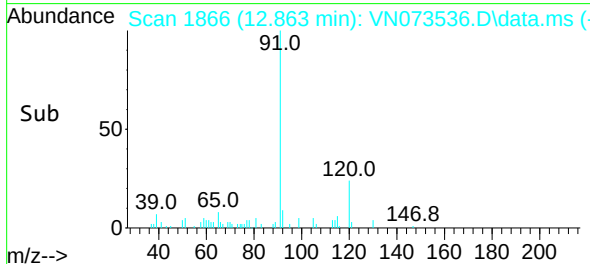
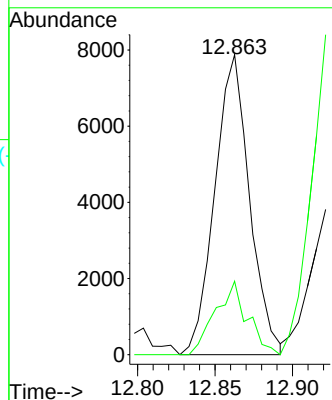
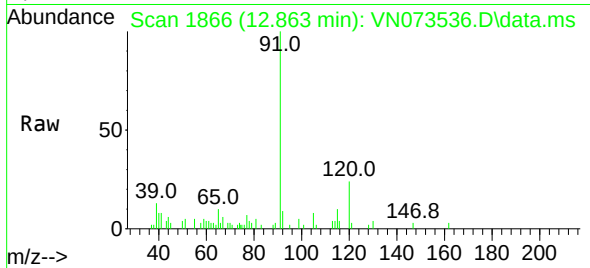




#78
n-propylbenzene
Concen: 0.621 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

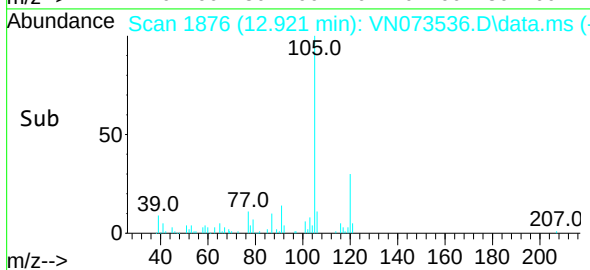
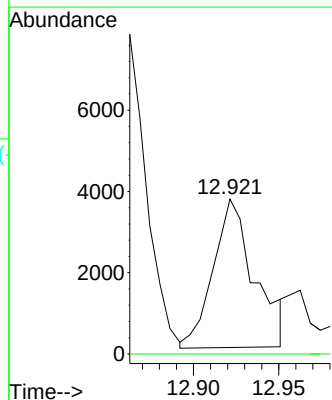
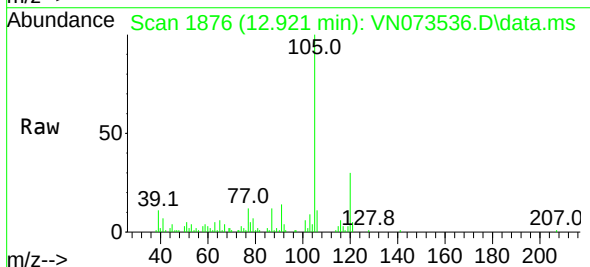
Instrument :
MSVOA_N
ClientSampleId :
070622-B

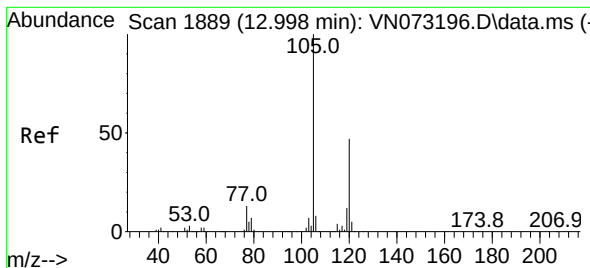
Tgt Ion: 91 Resp: 12270
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.494 ug/l
RT: 12.921 min Scan# 1876
Delta R.T. -0.024 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 91 Resp: 6181
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 3.320 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

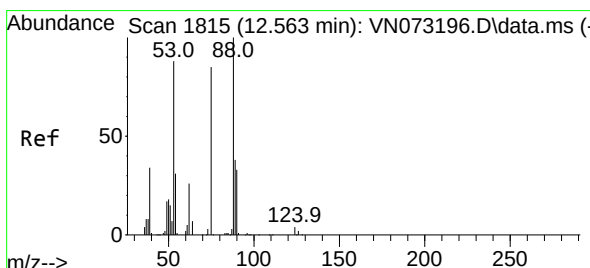
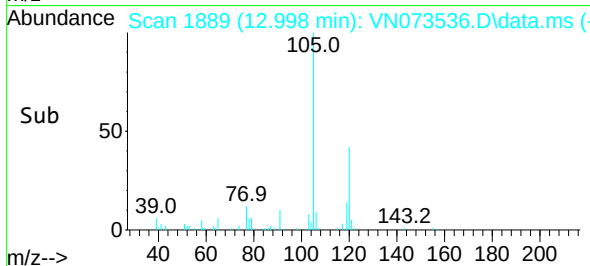
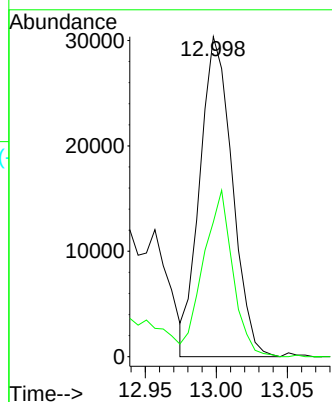
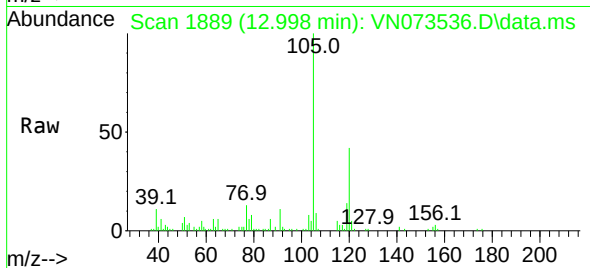
070622-B

Tgt Ion:105 Resp: 48146

Ion Ratio Lower Upper

105 100

120 47.3 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 54.723 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. 0.111 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

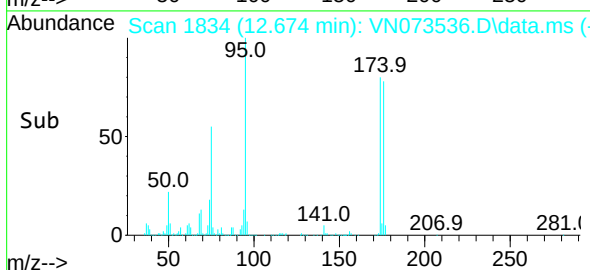
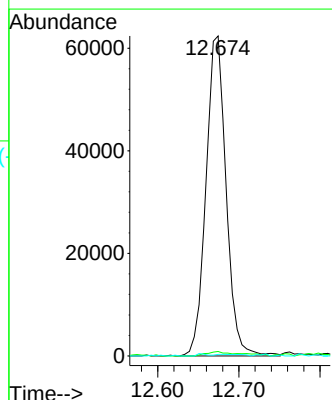
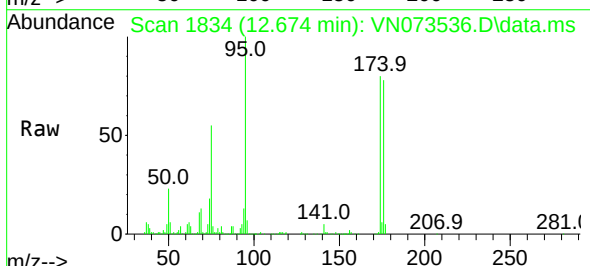
Tgt Ion: 75 Resp: 107514

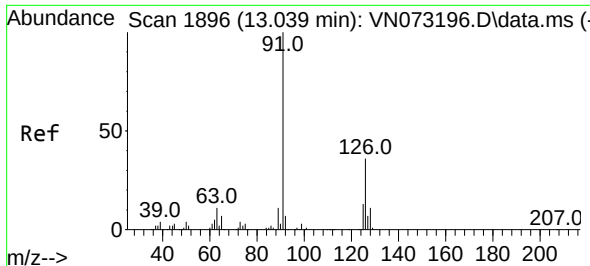
Ion Ratio Lower Upper

75 100

53 2.3 78.0 117.0#

89 0.7 37.2 55.8#

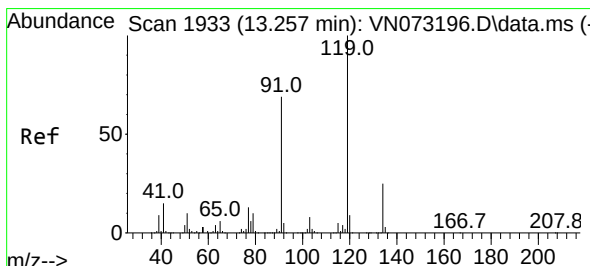
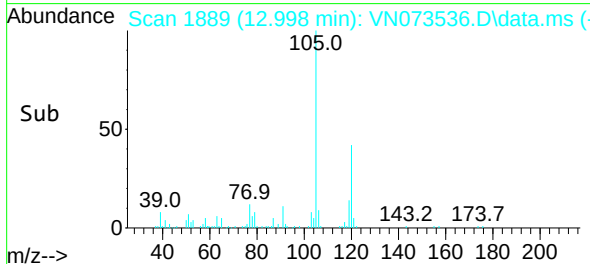
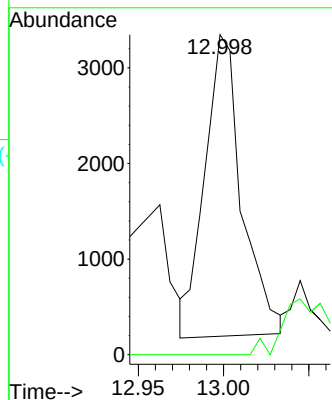
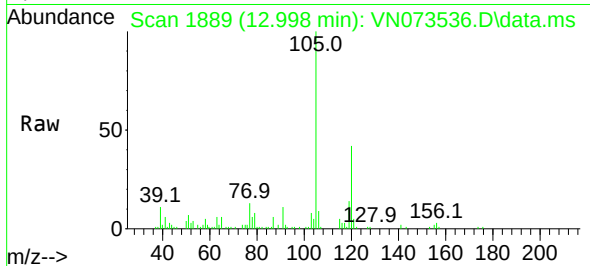




#82
4-Chlorotoluene
Concen: 0.393 ug/l
RT: 12.998 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

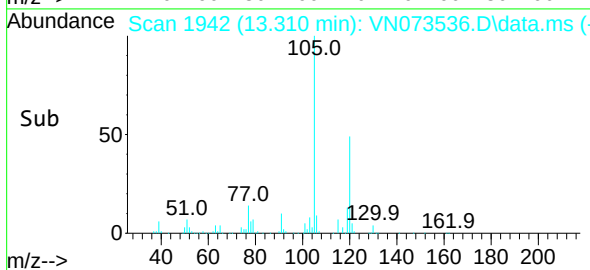
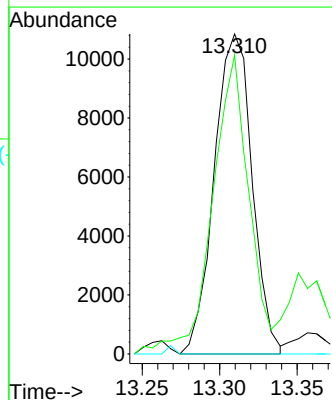
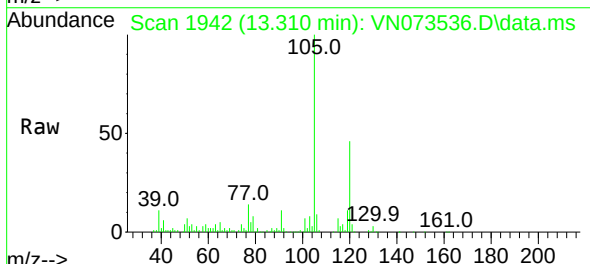
Instrument :
MSVOA_N
ClientSampleId :
070622-B

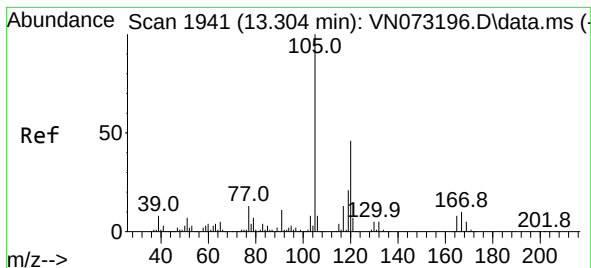
Tgt Ion: 91 Resp: 4760
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 1.417 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.053 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 119 Resp: 18420
Ion Ratio Lower Upper
119 100
91 89.6 31.6 94.8
134 0.0 13.7 41.1#





#84

1,2,4-Trimethylbenzene

Concen: 10.557 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. 0.006 min

Lab File: VN073536.D

Acq: 20 Jul 2022 20:59

Instrument :

MSVOA_N

ClientSampleId :

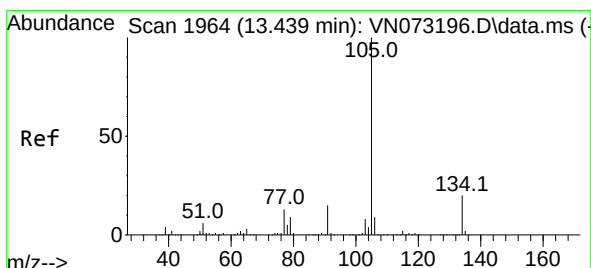
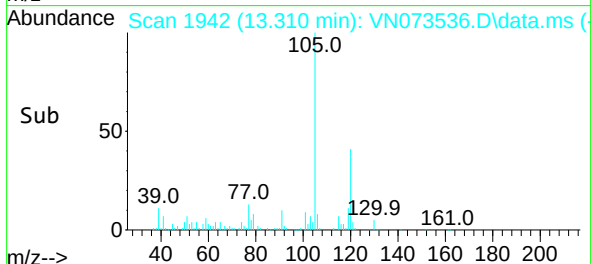
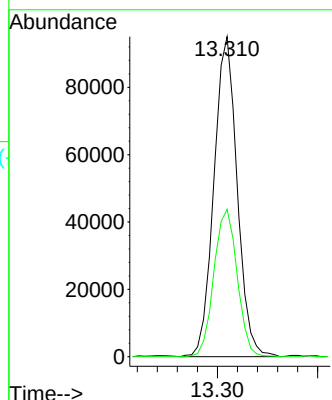
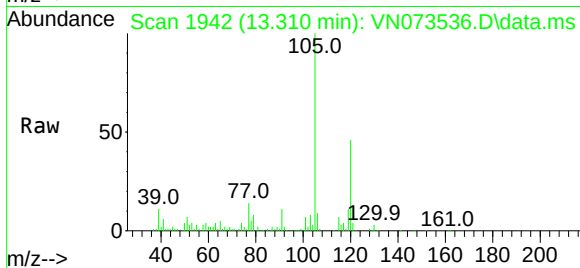
070622-B

Tgt Ion:105 Resp: 152865

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8



#85

sec-Butylbenzene

Concen: 8.755 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.129 min

Lab File: VN073536.D

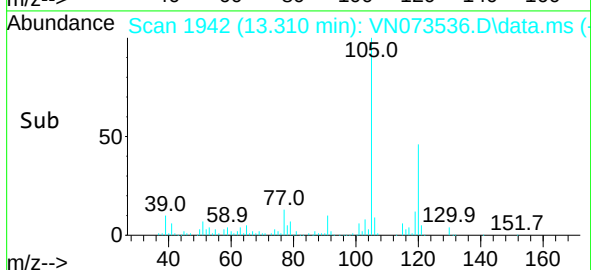
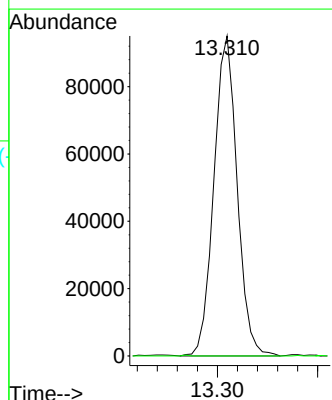
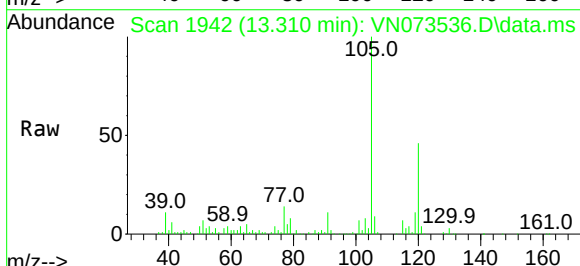
Acq: 20 Jul 2022 20:59

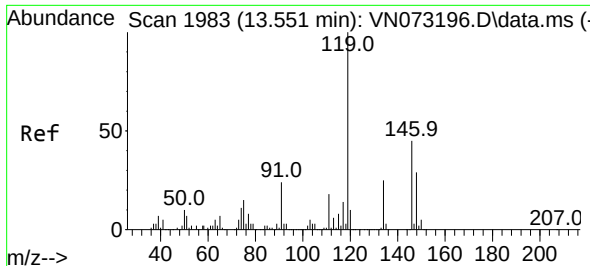
Tgt Ion:105 Resp: 152865

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#

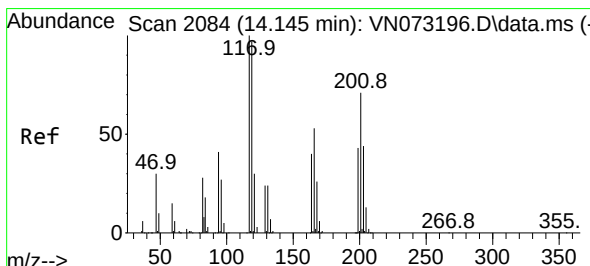
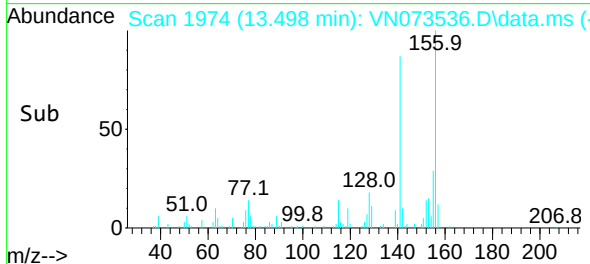
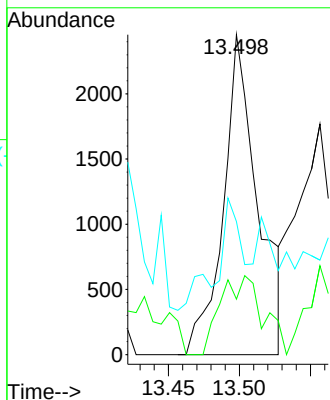
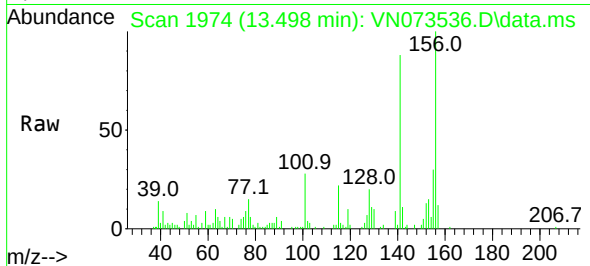




#86
 p-Isopropyltoluene
 Concen: 0.292 ug/l
 RT: 13.498 min Scan# 1983
 Delta R.T. -0.053 min
 Lab File: VN073536.D
 Acq: 20 Jul 2022 20:59

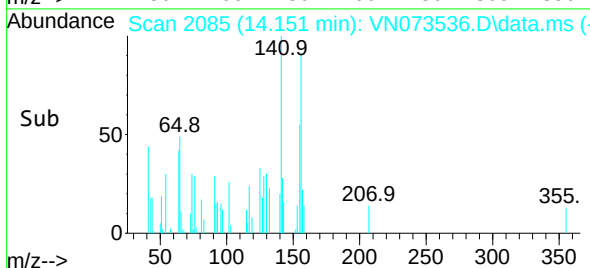
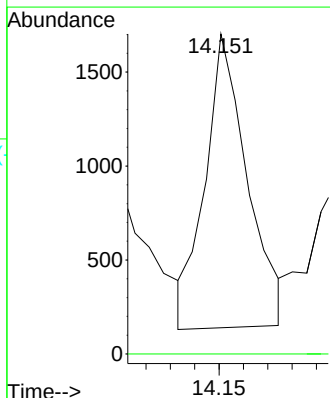
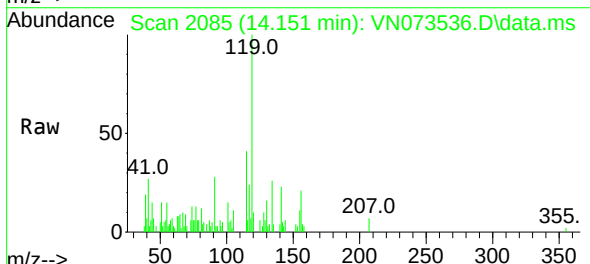
Instrument :
 MSVOA_N
 ClientSampleId :
 070622-B

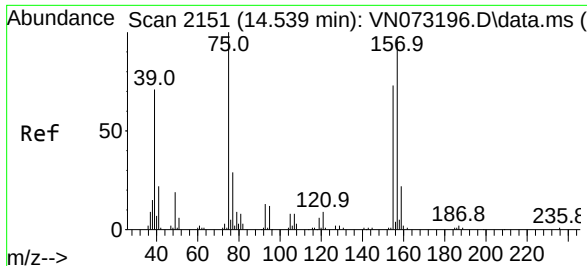
Tgt Ion:119 Resp: 4124
 Ion Ratio Lower Upper
 119 100
 134 30.5 13.3 39.8
 91 24.7 11.3 33.9



#90
 Hexachloroethane
 Concen: 0.717 ug/l
 RT: 14.151 min Scan# 2085
 Delta R.T. 0.006 min
 Lab File: VN073536.D
 Acq: 20 Jul 2022 20:59

Tgt Ion:117 Resp: 1885
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.6 122.0#

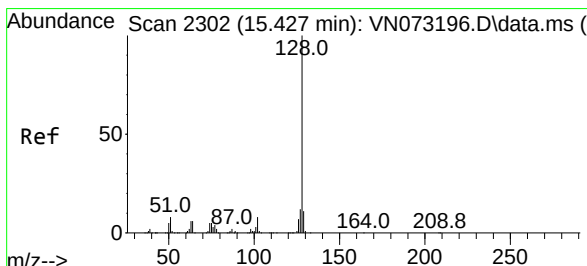
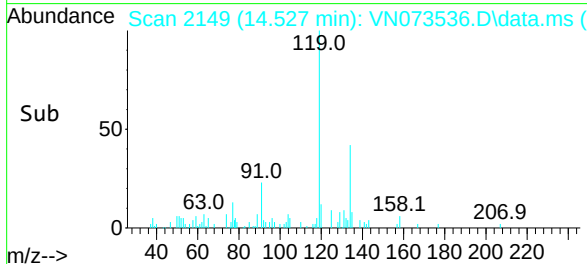
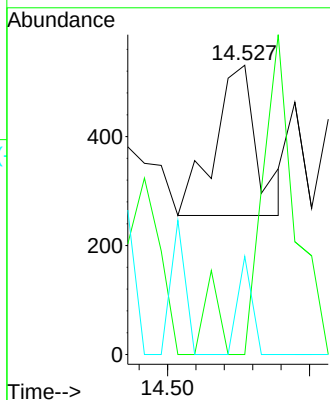
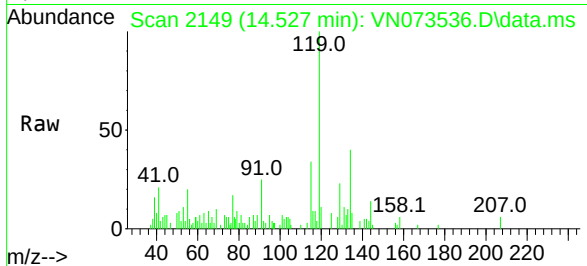




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.203 ug/l
RT: 14.527 min Scan# 2151
Delta R.T. -0.012 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Instrument :
MSVOA_N
ClientSampleId :
070622-B

Tgt Ion: 75 Resp: 291
Ion Ratio Lower Upper
75 100
155 155.0 44.9 134.5#
157 22.0 59.0 176.8#



#95
Naphthalene
Concen: 270.544 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073536.D
Acq: 20 Jul 2022 20:59

Tgt Ion: 128 Resp: 4296615
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.6 13.0

