

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073372.D
 Acq On : 07 Jul 2022 15:32
 Operator : JC\MD
 Sample : N3616-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-070622

Quant Time: Jul 08 03:01:50 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)

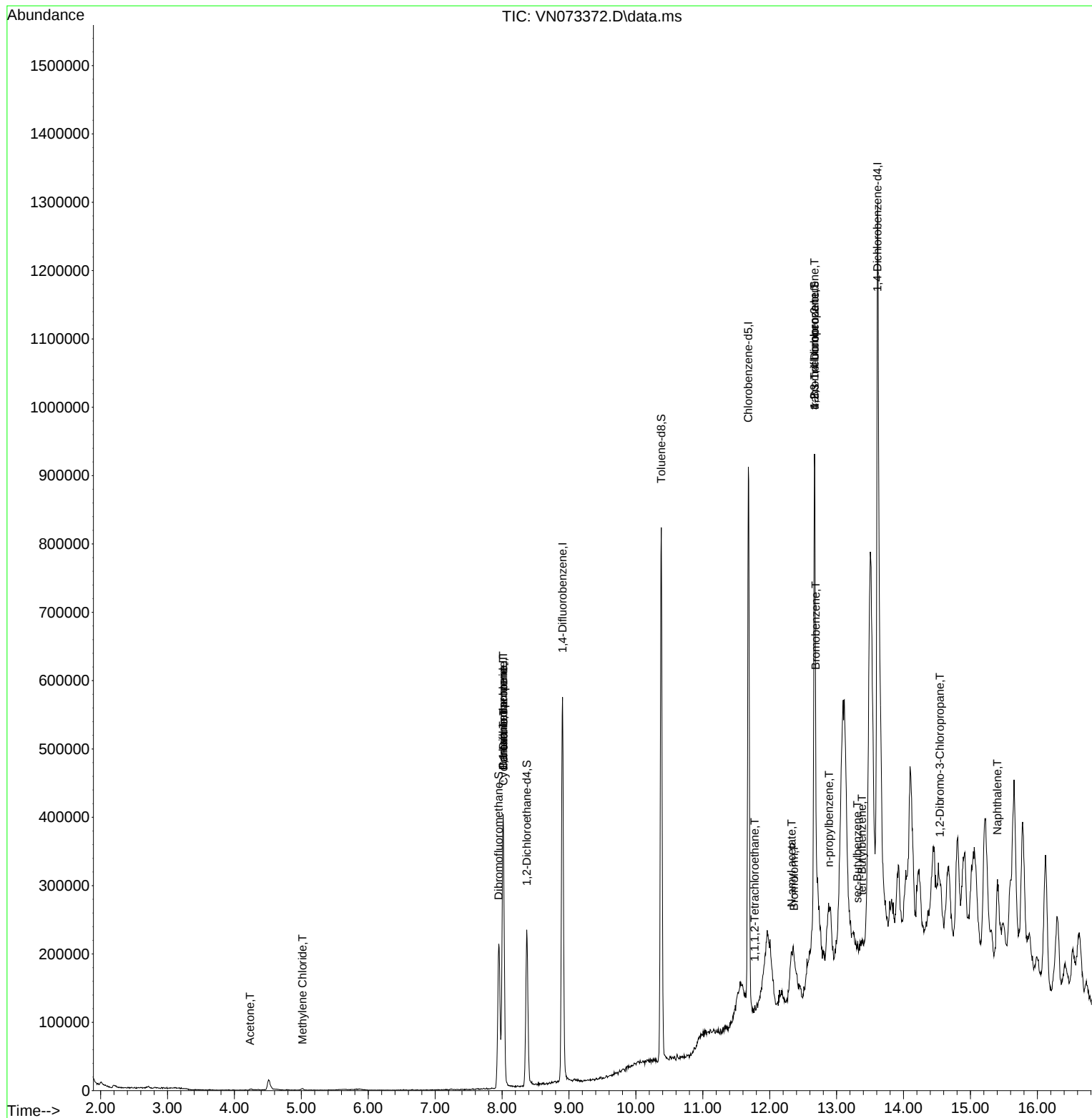
Internal Standards						
1) Pentafluorobenzene	8.016	168	302122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	497061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	461710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	254537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	189686	43.491	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.980%		
35) Dibromofluoromethane	7.951	113	159532	48.240	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.480%		
50) Toluene-d8	10.380	98	537878	45.795	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.580%		
62) 4-Bromofluorobenzene	12.668	95	228839	50.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.400%		
Target Compounds					Qvalue	
16) Acetone	4.234	43	1359	0.555	ug/l #	42
20) Methylene Chloride	5.016	84	1326	0.308	ug/l #	80
31) Cyclohexane	8.022	56	7625	1.067	ug/l #	44
36) 1,1-Dichloropropene	8.016	75	25022	4.917	ug/l #	50
38) Carbon Tetrachloride	8.016	117	32252	6.129	ug/l #	17
66) 1,1,1,2-Tetrachloroethane	11.774	131	1881	0.490	ug/l #	8
71) Bromoform	12.363	173	2882	1.025	ug/l #	28
74) N-amyl acetate	12.327	43	4262	0.387	ug/l #	1
76) 1,2,3-Trichloropropane	12.668	75	130717	19.640	ug/l #	1
77) Bromobenzene	12.686	156	108303	21.193	ug/l #	1
78) n-propylbenzene	12.886	91	5179	0.212	ug/l #	72
81) trans-1,4-Dichloro-2-b...	12.668	75	130717	53.862	ug/l #	11
83) tert-Butylbenzene	13.380	119	32539	2.026	ug/l #	28
85) sec-Butylbenzene	13.310	105	16681	0.773	ug/l	78
92) 1,2-Dibromo-3-Chloropr...	14.545	75	508	0.287	ug/l #	1
95) Naphthalene	15.404	128	14556	0.742	ug/l #	2

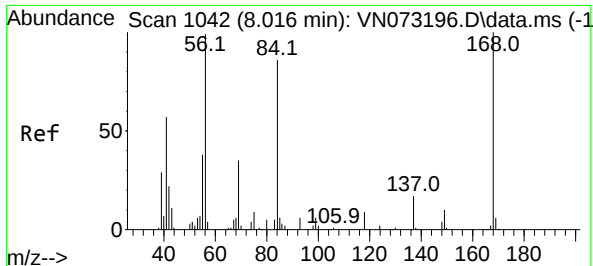
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 08 03:01:50 2022
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Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
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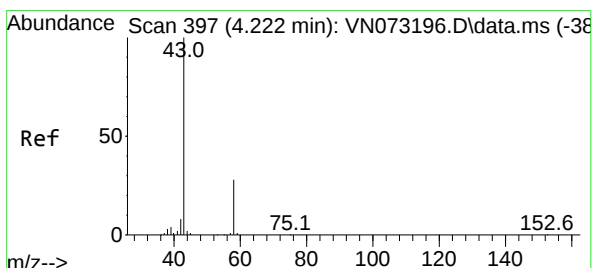
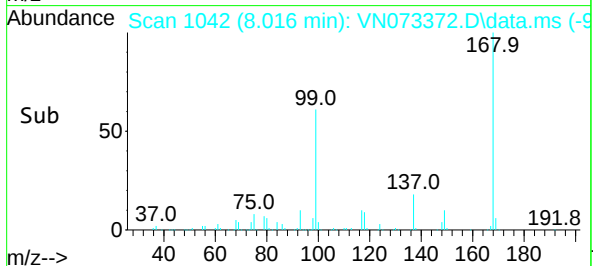
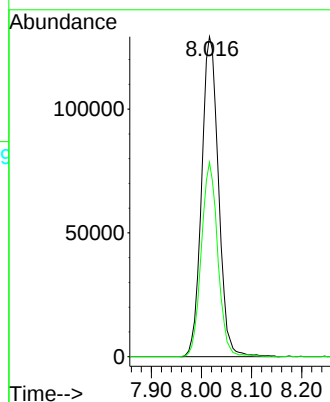
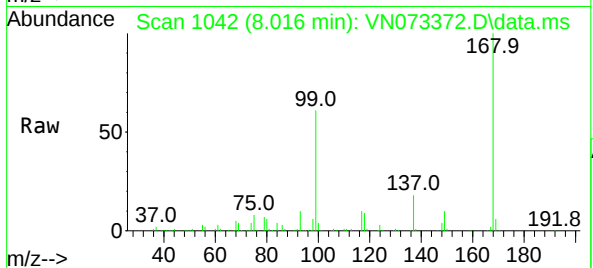




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

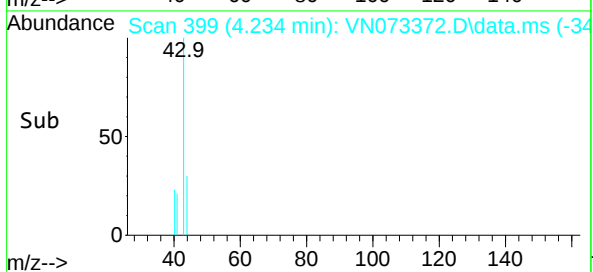
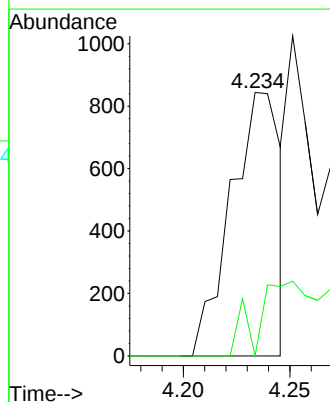
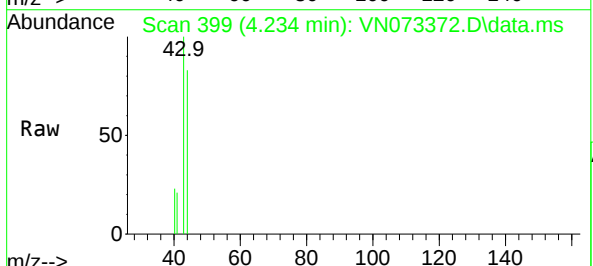
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070622

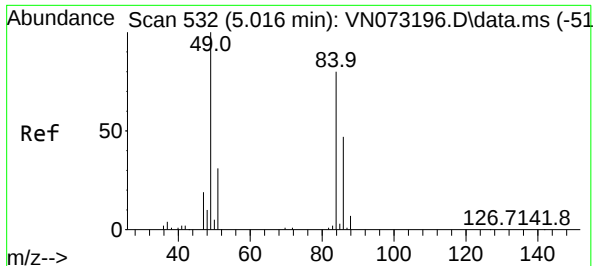
Tgt Ion:168 Resp: 302122
Ion Ratio Lower Upper
168 100
99 60.7 42.3 63.5



#16
Acetone
Concen: 0.555 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



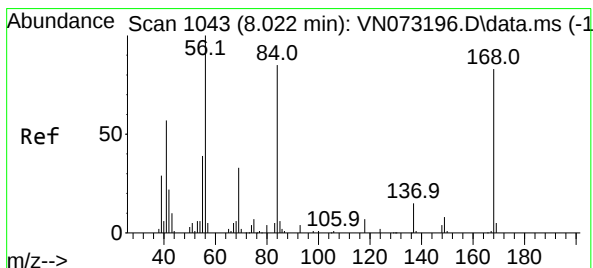
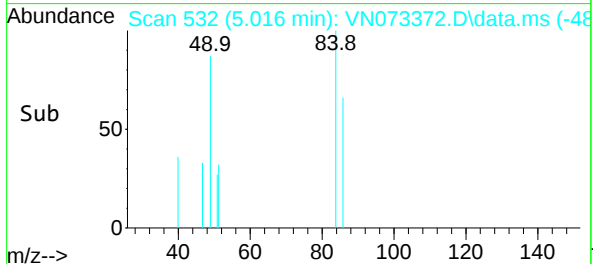
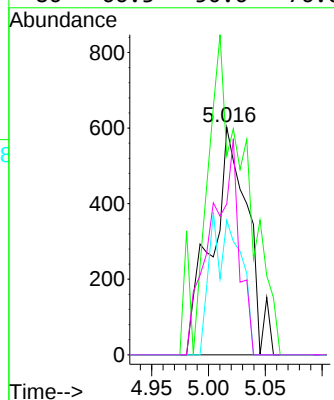
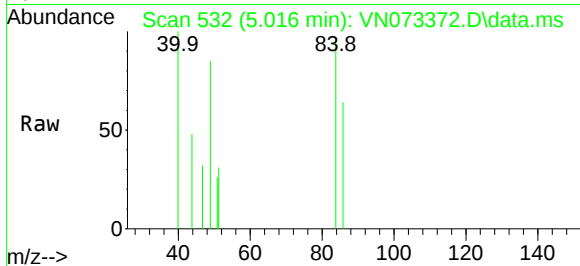


#20
Methylene Chloride
Concen: 0.308 ug/l
RT: 5.016 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Instrument :
MSVOA_N
ClientSampleId :
TB-01-070622

Tgt Ion: 84 Resp: 1326

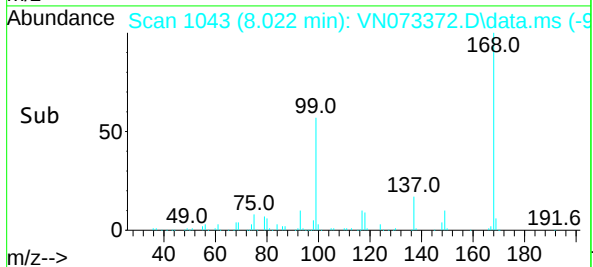
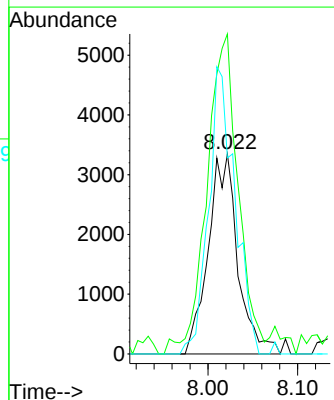
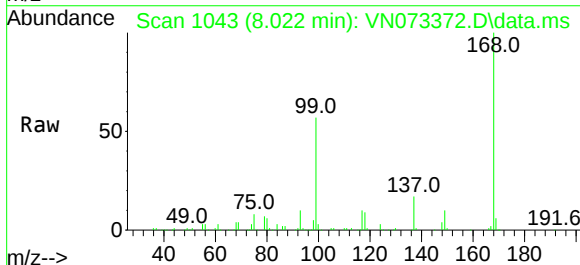
Ion	Ratio	Lower	Upper
84	100		
49	87.4	88.3	132.5#
51	59.1	28.2	42.2#
86	66.3	50.6	76.0

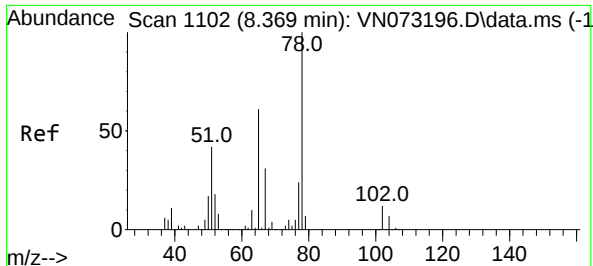


#31
Cyclohexane
Concen: 1.067 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion: 56 Resp: 7625

Ion	Ratio	Lower	Upper
56	100		
69	154.3	27.8	41.8#
84	98.0	76.9	115.3





#33

1,2-Dichloroethane-d4

Concen: 43.491 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073372.D

Acq: 07 Jul 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

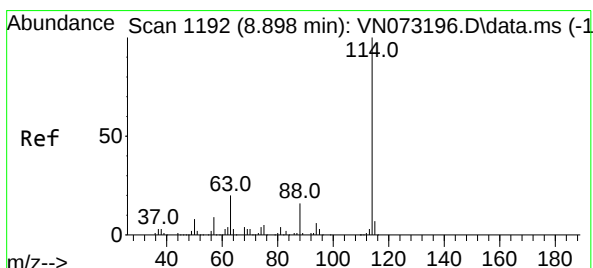
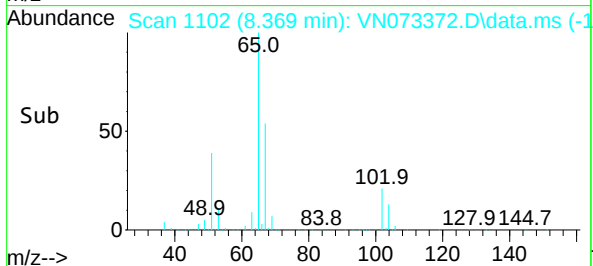
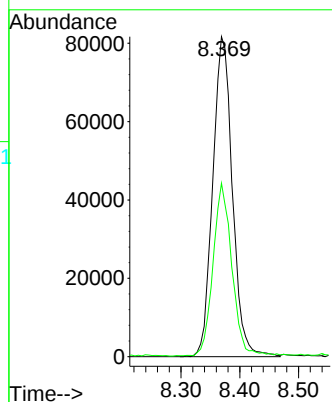
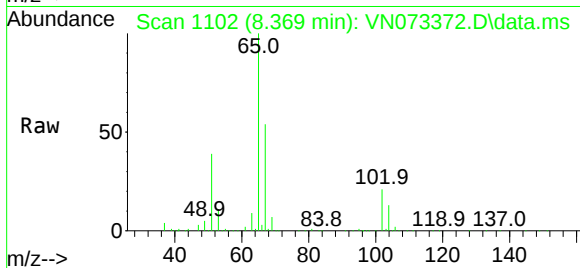
TB-01-070622

Tgt Ion: 65 Resp: 189686

Ion Ratio Lower Upper

65 100

67 52.3 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: VN073372.D

Acq: 07 Jul 2022 15:32

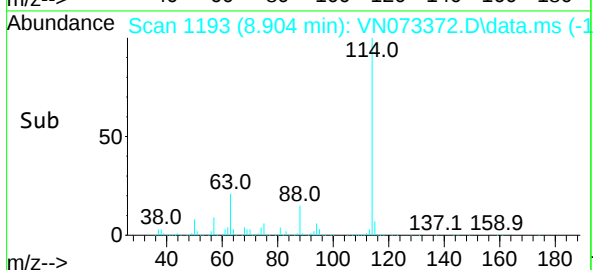
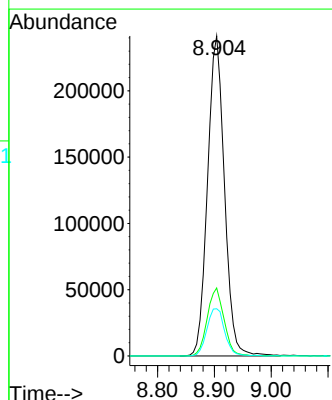
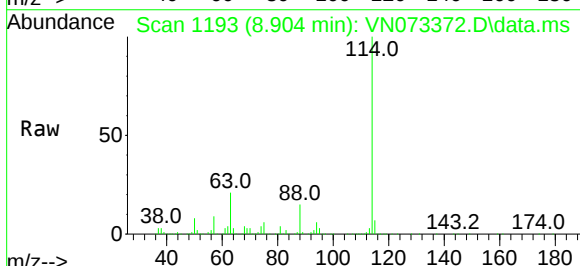
Tgt Ion: 114 Resp: 497061

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 14.8 0.0 32.6

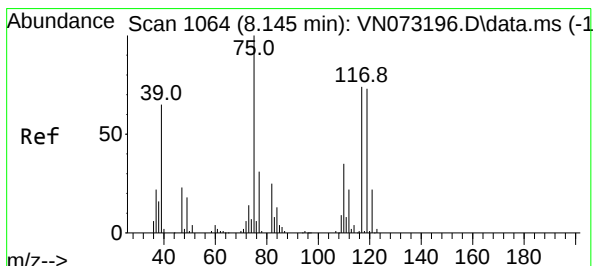
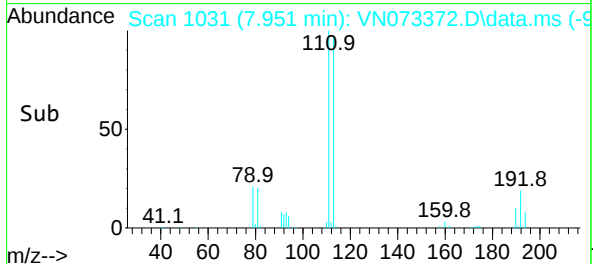
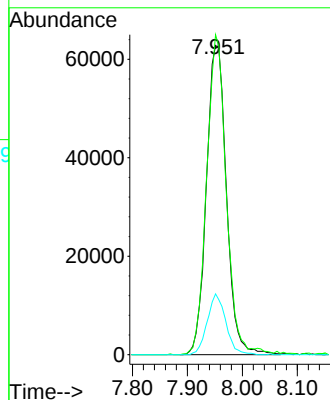
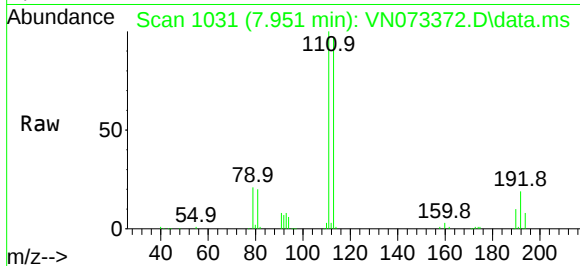




#35
Dibromofluoromethane
Concen: 48.240 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

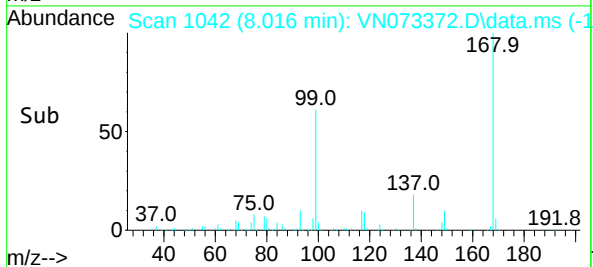
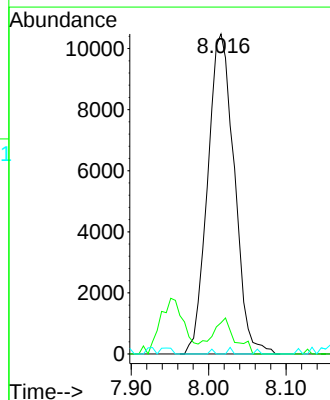
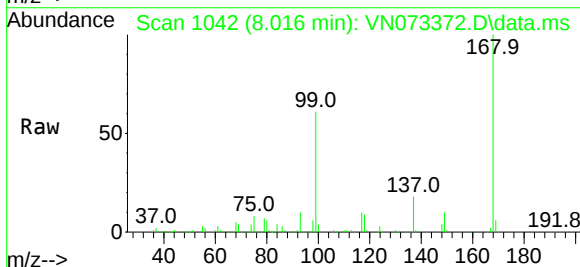
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070622

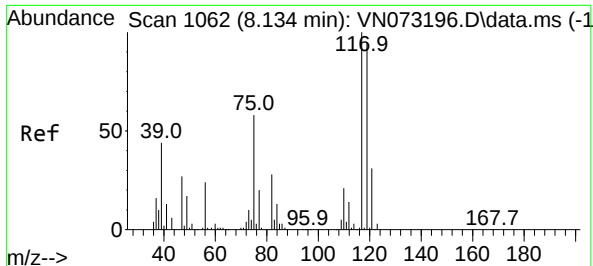
Tgt Ion:113 Resp: 159532
Ion Ratio Lower Upper
113 100
111 100.1 81.4 122.0
192 18.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.917 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.129 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion: 75 Resp: 25022
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.3 25.1 37.7#





#38

Carbon Tetrachloride

Concen: 6.129 ug/l

RT: 8.016 min Scan# 1

Delta R.T. -0.118 min

Lab File: VN073372.D

Acq: 07 Jul 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

TB-01-070622

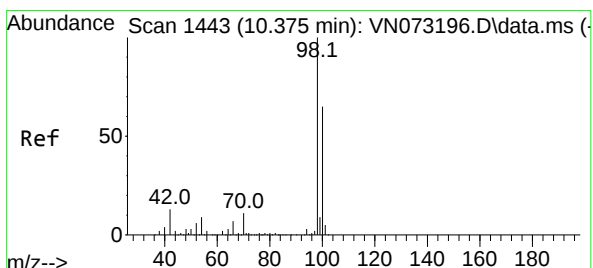
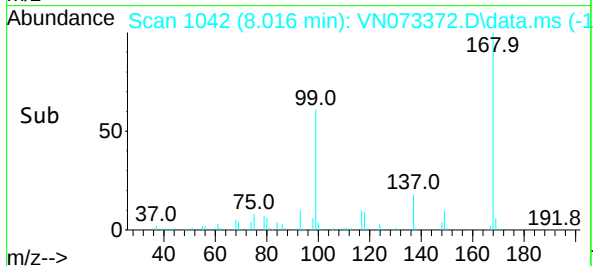
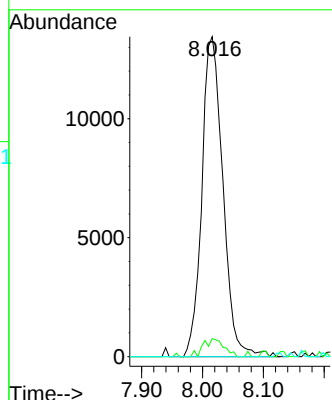
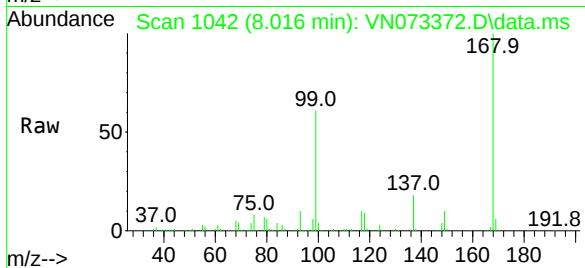
Tgt Ion:117 Resp: 32252

Ion Ratio Lower Upper

117 100

119 5.6 75.8 113.8#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 45.795 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.005 min

Lab File: VN073372.D

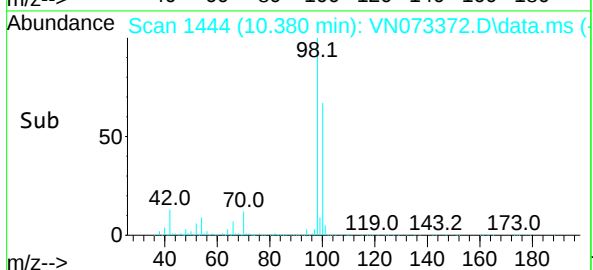
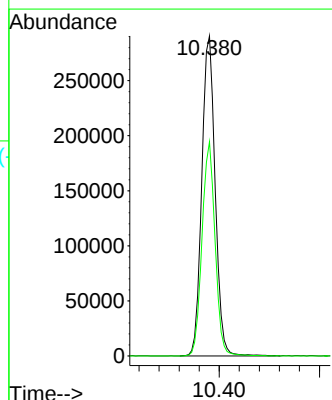
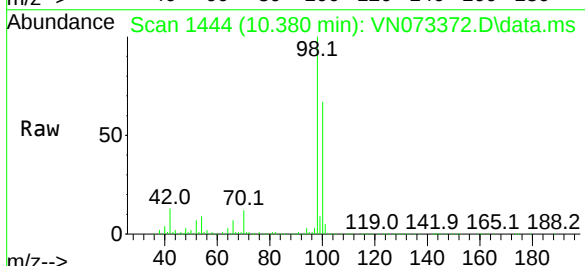
Acq: 07 Jul 2022 15:32

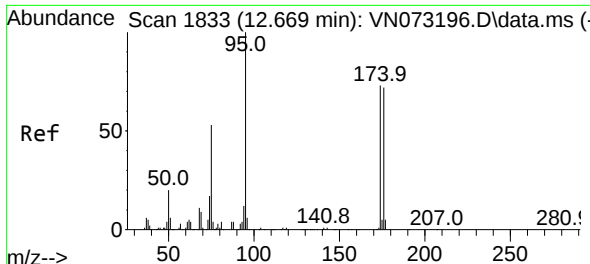
Tgt Ion: 98 Resp: 537878

Ion Ratio Lower Upper

98 100

100 65.4 52.6 78.8

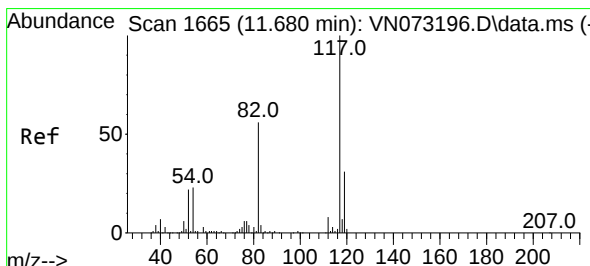
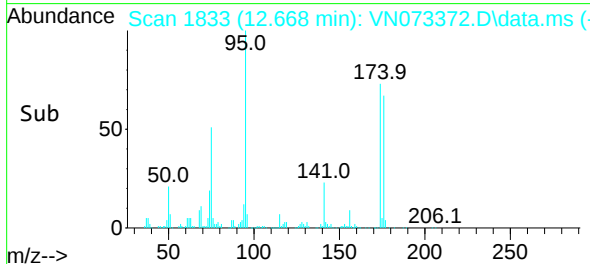
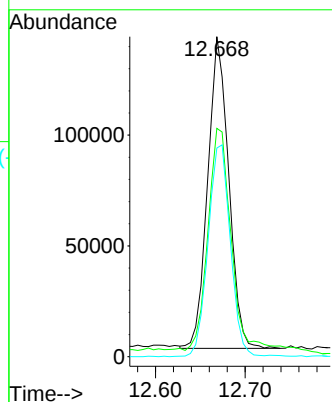
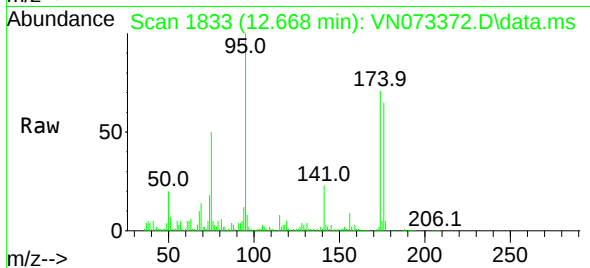




#62
4-Bromofluorobenzene
Concen: 50.699 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

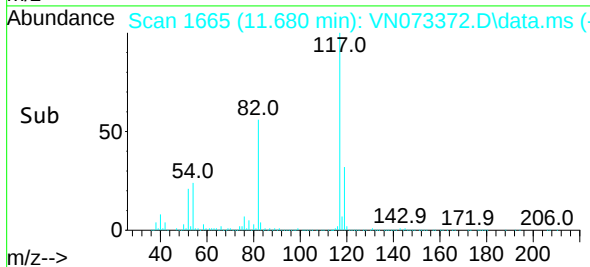
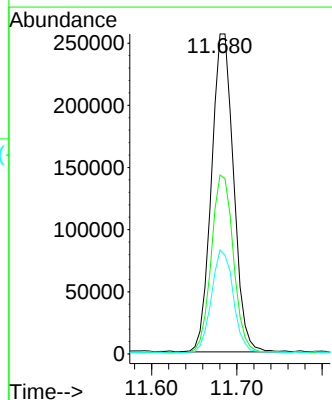
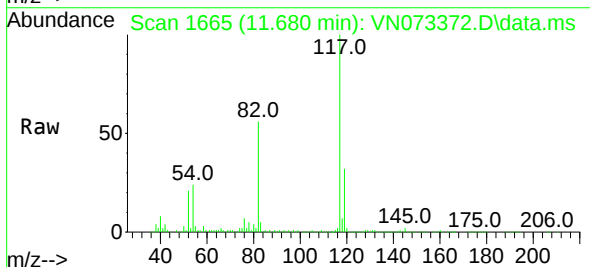
Instrument :
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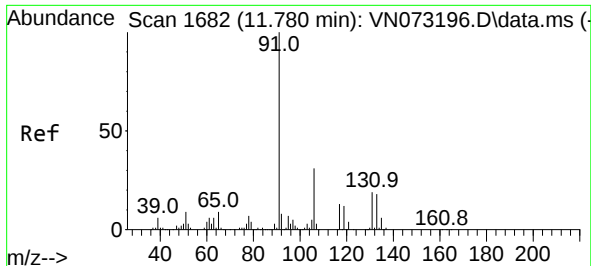
Tgt Ion: 95 Resp: 228839
Ion Ratio Lower Upper
95 100
174 86.1 0.0 167.6
176 71.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion: 117 Resp: 461710
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.2 25.4 38.0

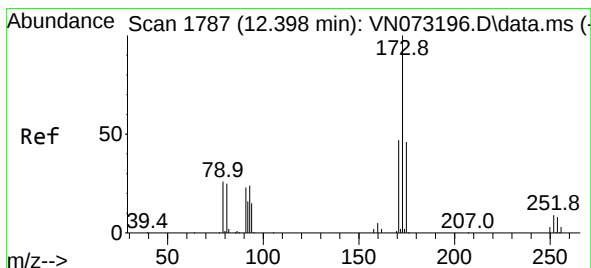
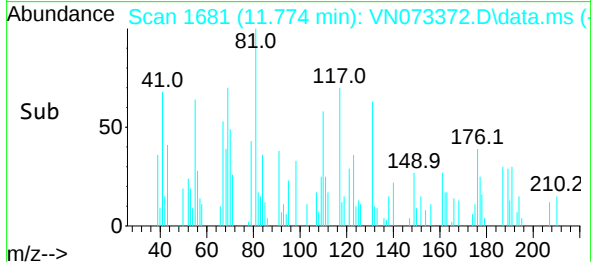
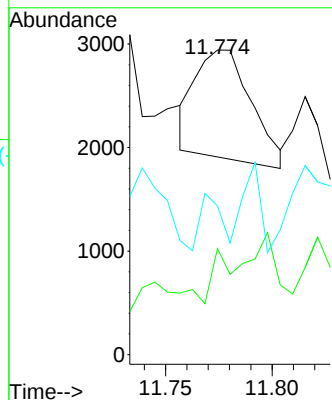
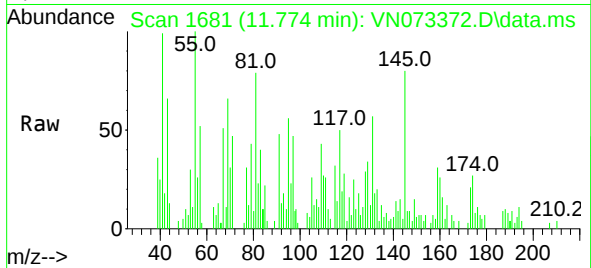




#66
1,1,1,2-Tetrachloroethane
Concen: 0.490 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

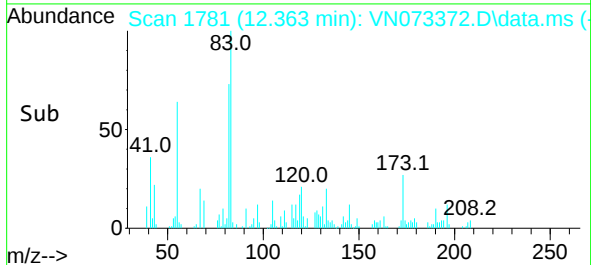
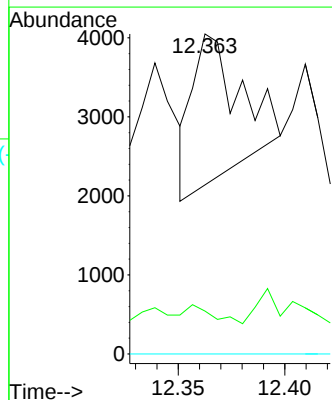
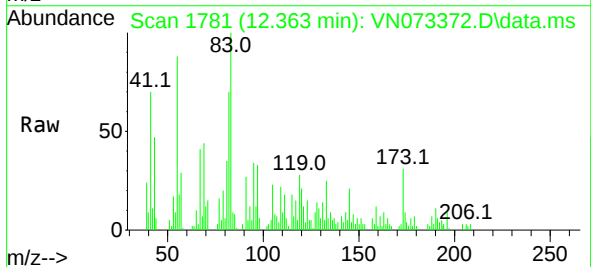
Instrument :
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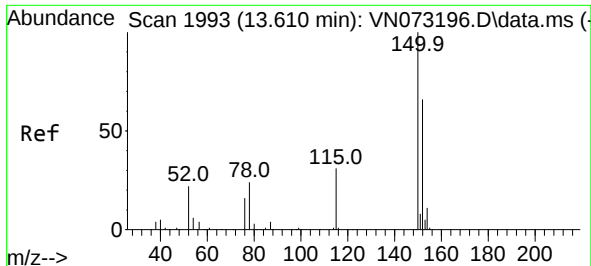
Tgt Ion:131 Resp: 1881
Ion Ratio Lower Upper
131 100
133 0.0 47.8 143.4#
119 0.0 33.4 100.2#



#71
Bromoform
Concen: 1.025 ug/l
RT: 12.363 min Scan# 1781
Delta R.T. -0.035 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion:173 Resp: 2882
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

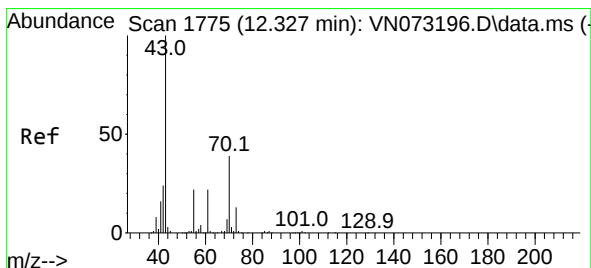
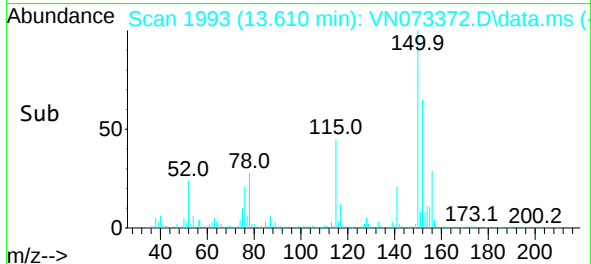
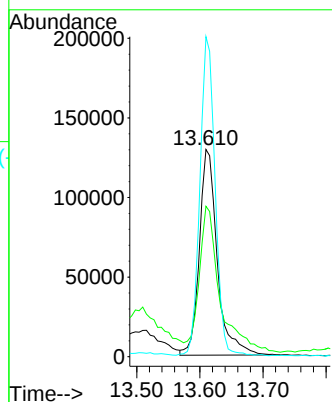
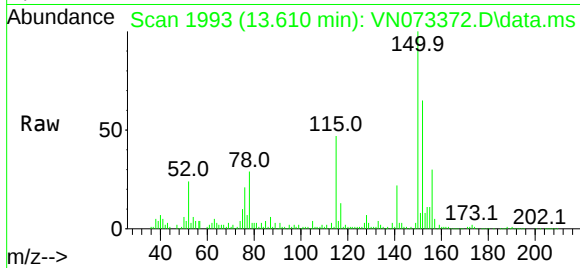




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

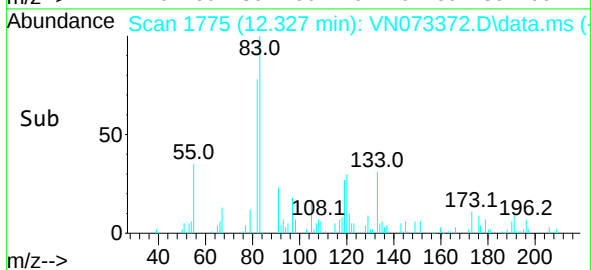
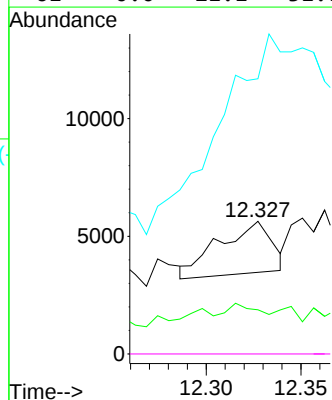
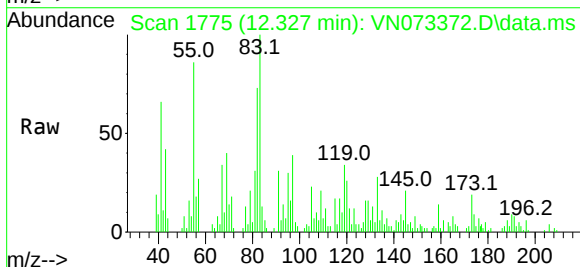
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070622

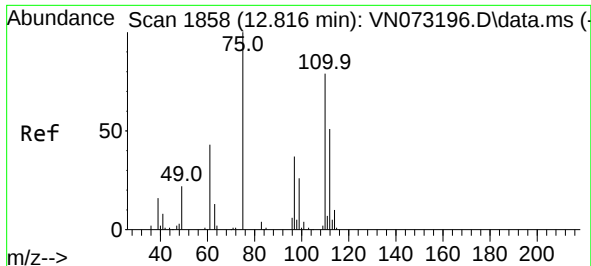
Tgt Ion:152 Resp: 254537
Ion Ratio Lower Upper
152 100
115 82.0 28.9 86.7
150 132.2 0.0 356.2



#74
N-ethyl acetate
Concen: 0.387 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion: 43 Resp: 4262
Ion Ratio Lower Upper
43 100
70 14.3 39.0 58.4#
55 1056.1 21.1 31.7#
61 0.0 21.1 31.7#

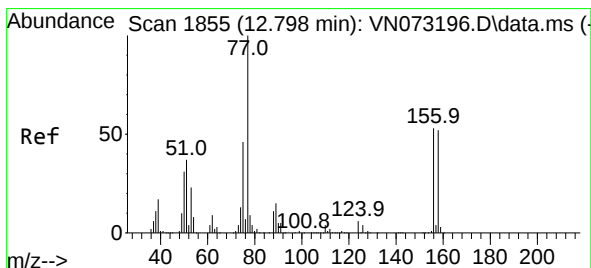
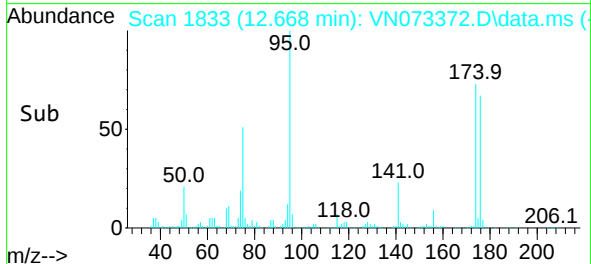
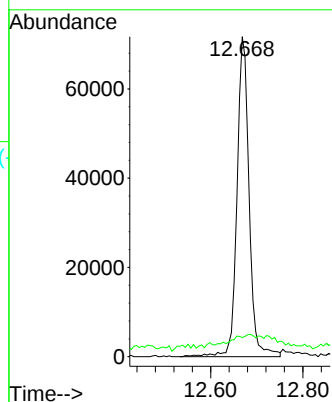
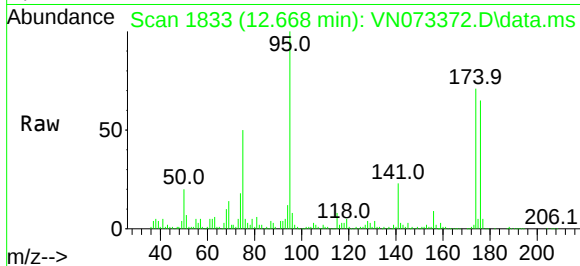




#76
1,2,3-Trichloropropane
Concen: 19.640 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.148 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

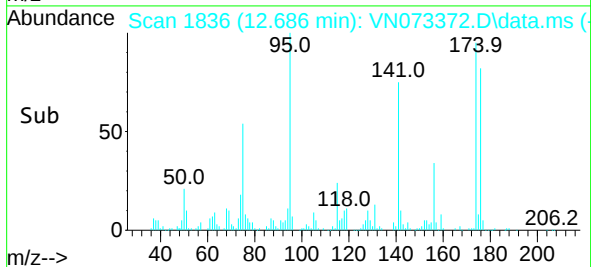
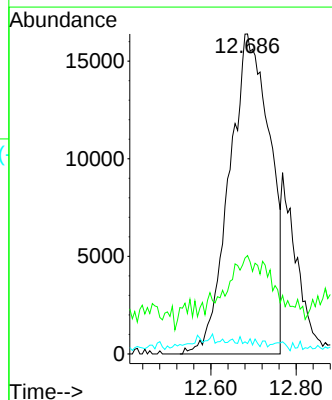
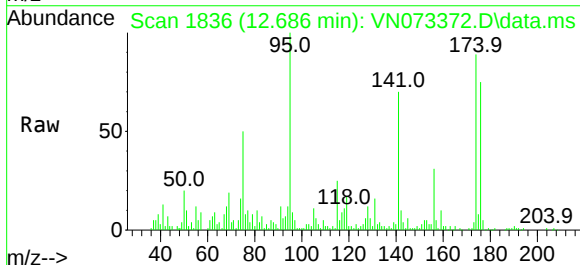
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070622

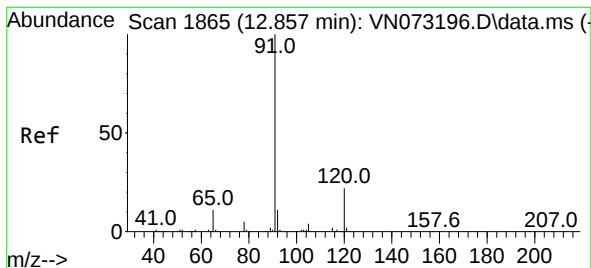
Tgt Ion: 75 Resp: 130717
Ion Ratio Lower Upper
75 100
77 2.7 98.5 295.5#



#77
Bromobenzene
Concen: 21.193 ug/l
RT: 12.686 min Scan# 1836
Delta R.T. -0.112 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion:156 Resp: 108303
Ion Ratio Lower Upper
156 100
77 0.0 100.5 301.5#
158 0.0 48.9 146.6#





#78

n-propylbenzene

Concen: 0.212 ug/l

RT: 12.886 min Scan# 11

Delta R.T. 0.029 min

Lab File: VN073372.D

Acq: 07 Jul 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

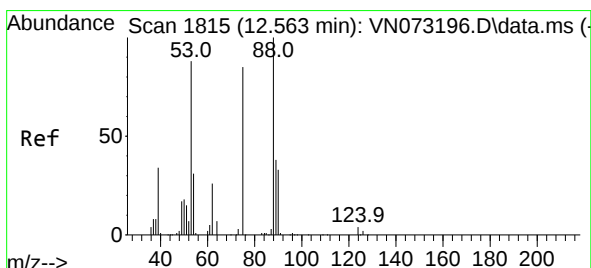
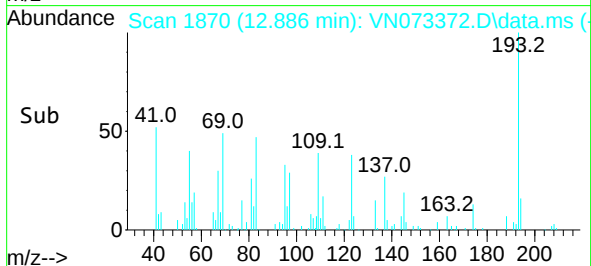
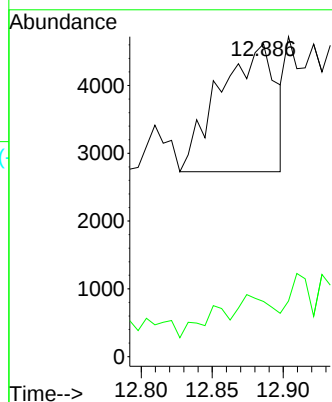
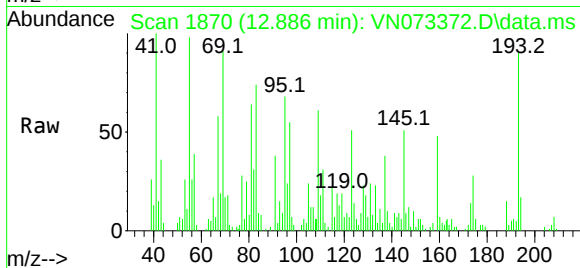
TB-01-070622

Tgt Ion: 91 Resp: 5179

Ion Ratio Lower Upper

91 100

120 9.8 11.9 35.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.862 ug/l

RT: 12.668 min Scan# 1833

Delta R.T. 0.105 min

Lab File: VN073372.D

Acq: 07 Jul 2022 15:32

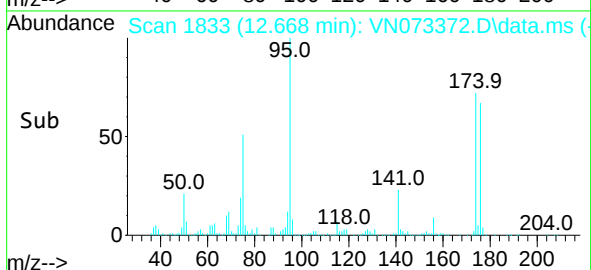
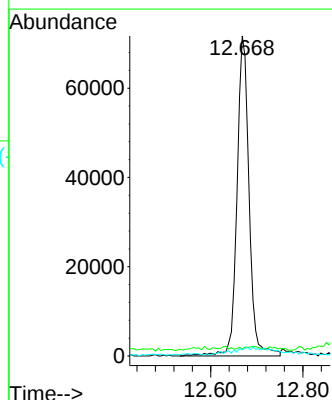
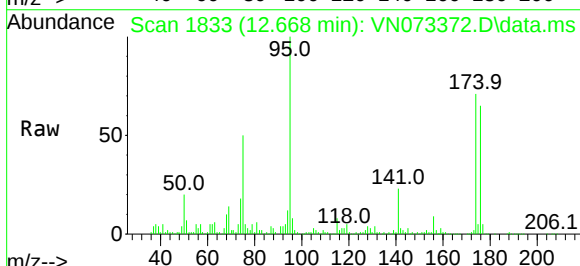
Tgt Ion: 75 Resp: 130717

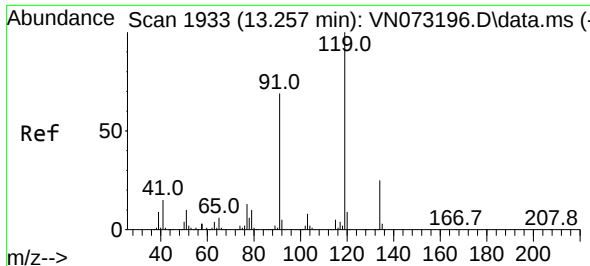
Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 1.5 37.2 55.8#

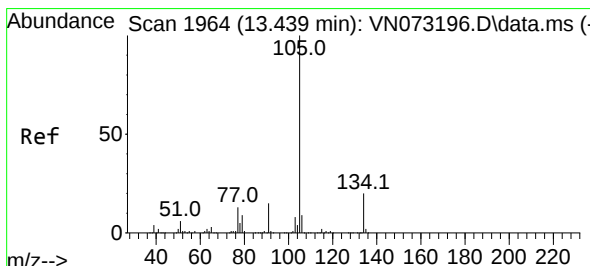
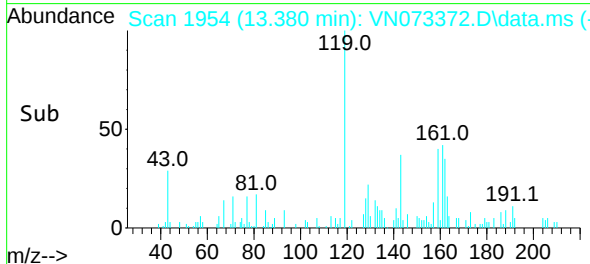
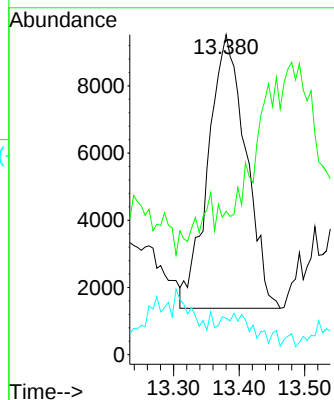
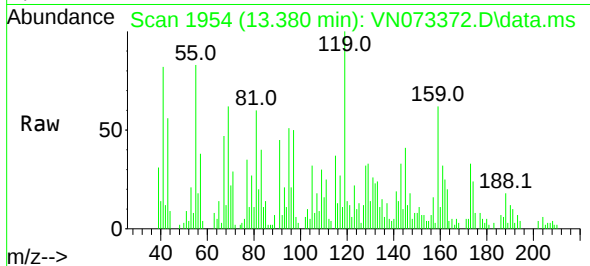




#83
tert-Butylbenzene
Concen: 2.026 ug/l
RT: 13.380 min Scan# 1933
Delta R.T. 0.123 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

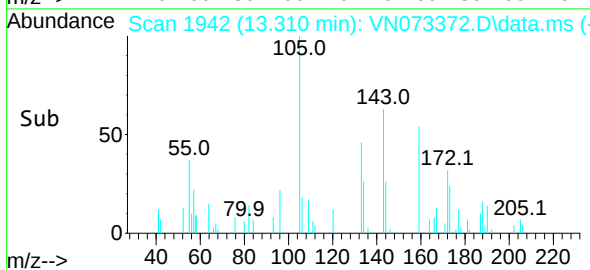
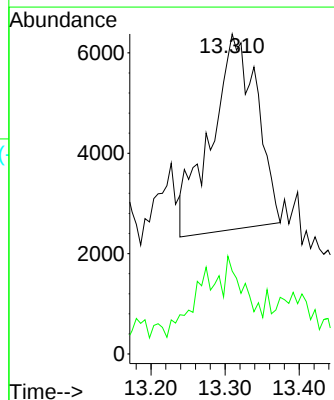
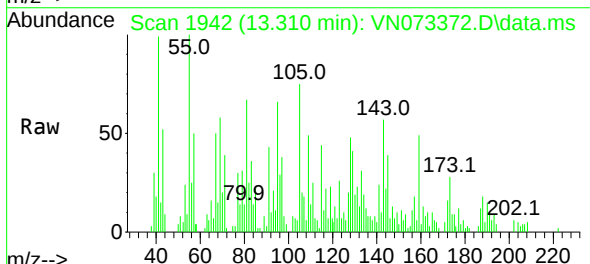
Instrument :
MSVOA_N
ClientSampleId :
TB-01-070622

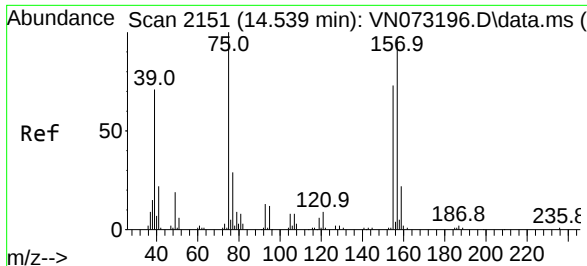
Tgt Ion:119 Resp: 32539
Ion Ratio Lower Upper
119 100
91 0.0 31.6 94.8#
134 0.6 13.7 41.1#



#85
sec-Butylbenzene
Concen: 0.773 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.129 min
Lab File: VN073372.D
Acq: 07 Jul 2022 15:32

Tgt Ion:105 Resp: 16681
Ion Ratio Lower Upper
105 100
134 10.5 10.4 31.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.287 ug/l

RT: 14.545 min Scan# 2151

Delta R.T. 0.006 min

Lab File: VN073372.D

Acq: 07 Jul 2022 15:32

Instrument :

MSVOA_N

ClientSampleId :

TB-01-070622

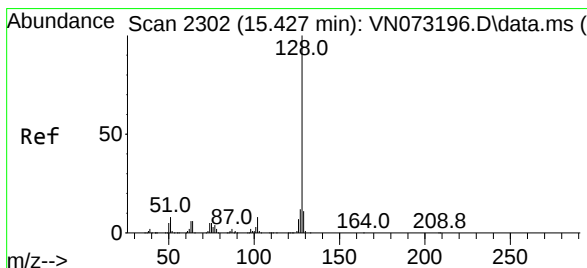
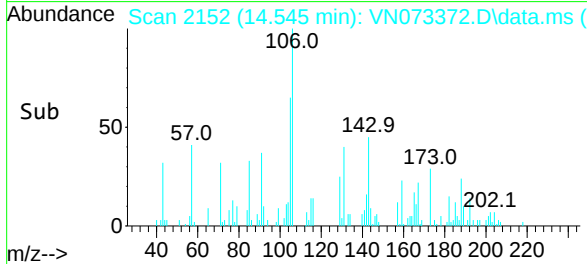
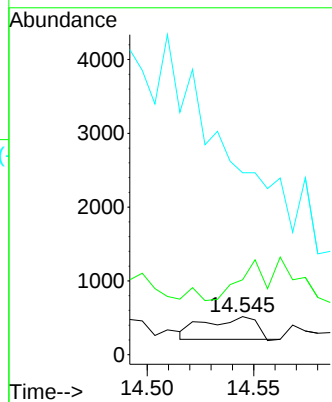
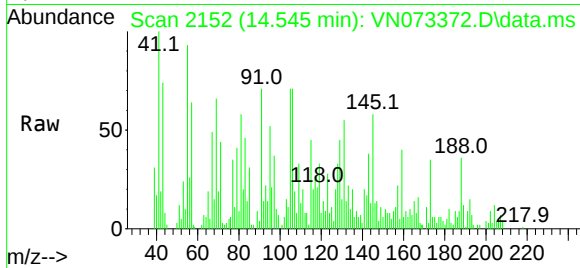
Tgt Ion: 75 Resp: 508

Ion Ratio Lower Upper

75 100

155 0.0 44.9 134.5#

157 0.0 59.0 176.8#



#95

Naphthalene

Concen: 0.742 ug/l

RT: 15.404 min Scan# 2298

Delta R.T. -0.023 min

Lab File: VN073372.D

Acq: 07 Jul 2022 15:32

Tgt Ion: 128 Resp: 14556

Ion Ratio Lower Upper

128 100

127 47.6 10.3 15.5#

129 52.5 8.6 13.0#

