

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051723\
 Data File : VX035718.D
 Acq On : 17 May 2023 15:14
 Operator : JC/MD
 Sample : 02723-07
 Misc : 5.45g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-14-G1-SO-30.5-050923-FDME

Quant Time: May 18 04:42:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

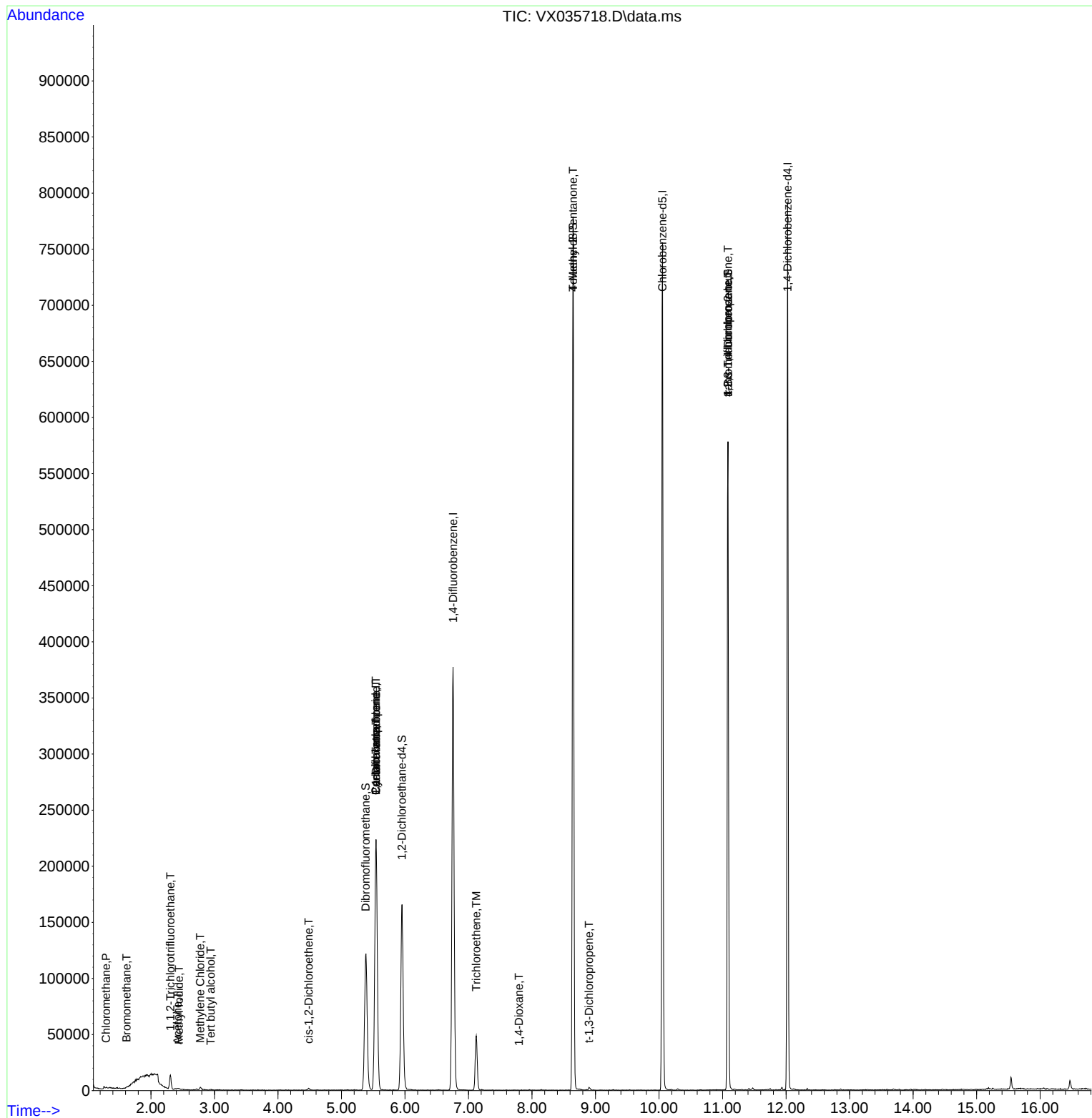
Internal Standards						
1) Pentafluorobenzene	5.544	168	190668	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	353120	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	160598	48.282	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.560%
35) Dibromofluoromethane	5.379	113	103526	43.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.940%
50) Toluene-d8	8.647	98	431322	49.027	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.085	95	173141	48.878	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.760%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	934	0.310	ug/l	# 84
5) Bromomethane	1.617	94	573	0.413	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.306	101	4645	2.079	ug/l	90
10) Methyl Iodide	2.441	142	537	0.269	ug/l	# 82
11) Tert butyl alcohol	2.940	59	189	0.322	ug/l	# 73
16) Acetone	2.416	43	1638	1.146	ug/l	# 69
20) Methylene Chloride	2.776	84	1288	0.497	ug/l	# 79
27) cis-1,2-Dichloroethene	4.483	96	880	0.315	ug/l	86
31) Cyclohexane	5.544	56	5273	1.255	ug/l	# 41
36) 1,1-Dichloropropene	5.544	75	18769	4.993	ug/l	# 46
38) Carbon Tetrachloride	5.544	117	21822	6.128	ug/l	# 16
44) Trichloroethene	7.123	130	18131	6.800	ug/l	88
49) 1,4-Dioxane	7.793	88	19	2.255	ug/l	# 23
51) 4-Methyl-2-Pentanone	8.647	43	2281	0.579	ug/l	# 1
53) t-1,3-Dichloropropene	8.897	75	956	0.239	ug/l	# 43
76) 1,2,3-Trichloropropane	11.085	75	94709	26.383	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.085	75	94709	85.029	ug/l	# 8

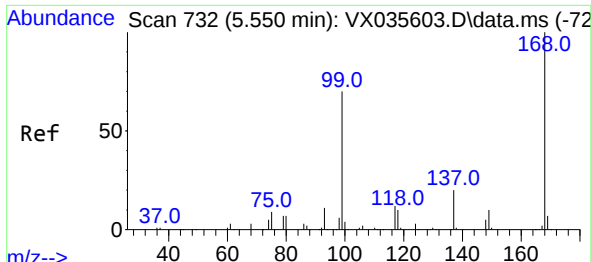
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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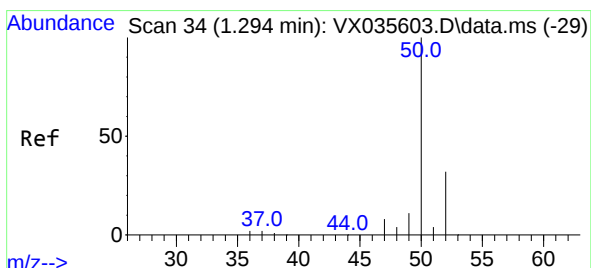
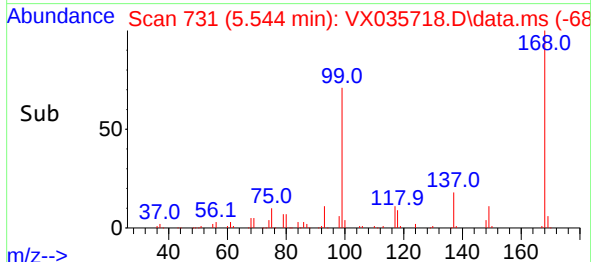
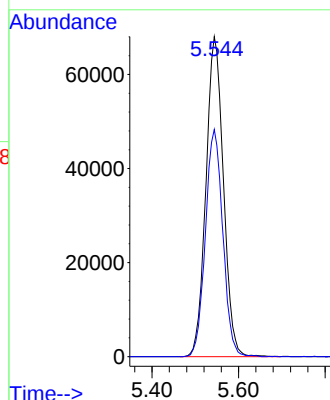
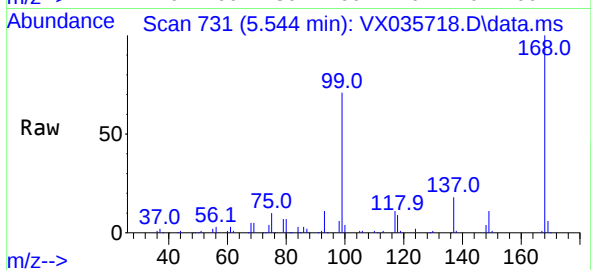




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

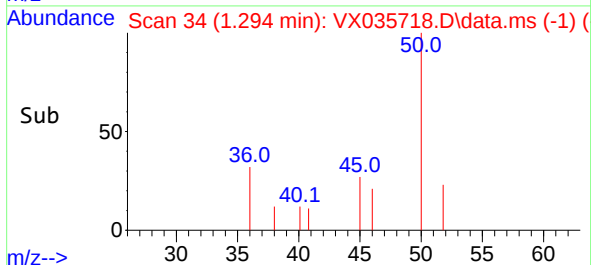
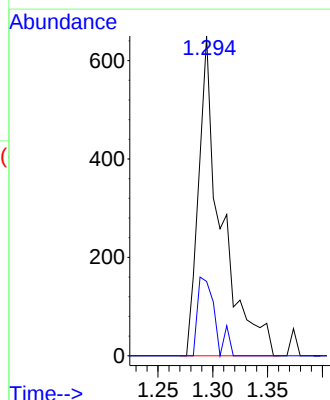
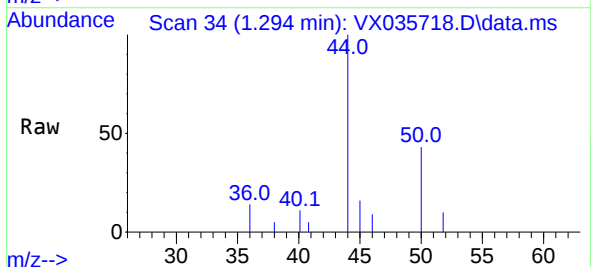
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923-FDME

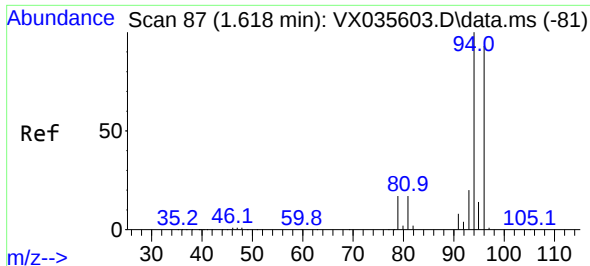
Tgt Ion:168 Resp: 190668
Ion Ratio Lower Upper
168 100
99 71.0 45.7 68.5#



#3
Chloromethane
Concen: 0.310 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 50 Resp: 934
Ion Ratio Lower Upper
50 100
52 23.2 25.9 38.9#

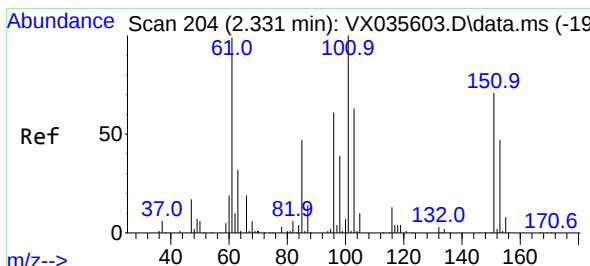
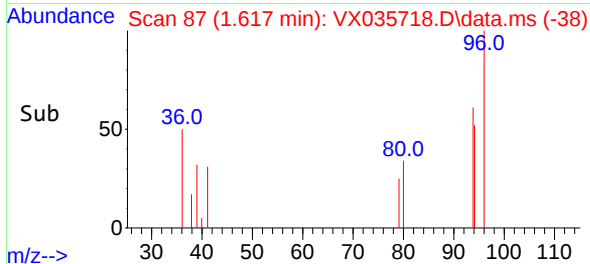
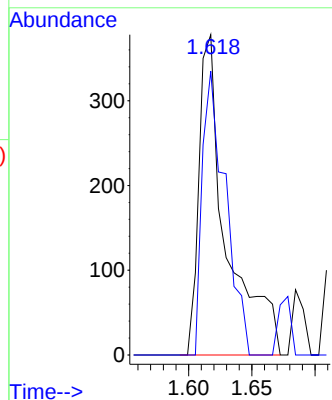
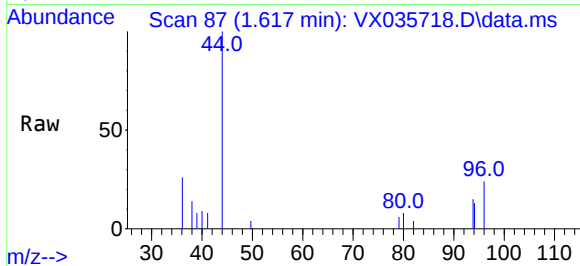




#5
Bromomethane
Concen: 0.413 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.001 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

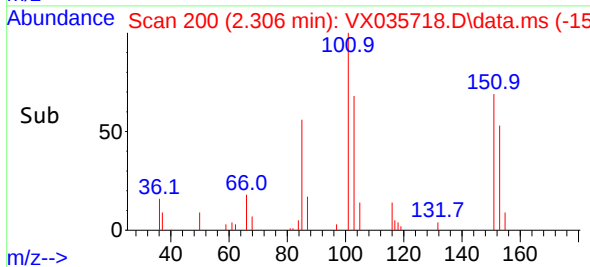
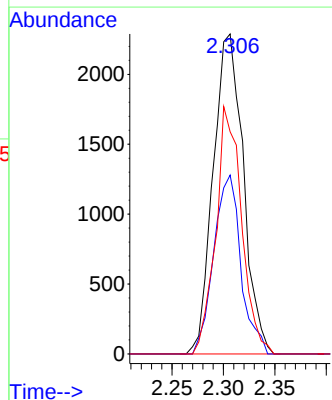
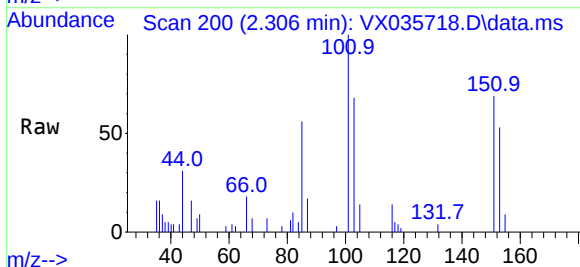
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923-FDME

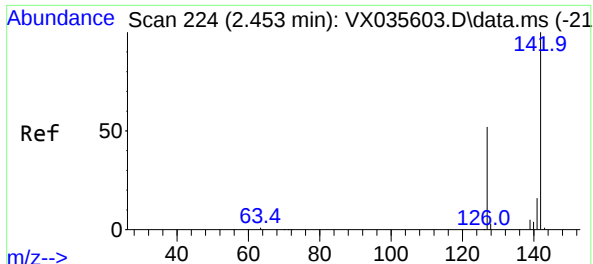
Tgt Ion: 94 Resp: 573
Ion Ratio Lower Upper
94 100
96 88.6 77.0 115.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.079 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.025 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 101 Resp: 4645
Ion Ratio Lower Upper
101 100
85 50.6 35.4 53.2
151 66.2 60.2 90.4

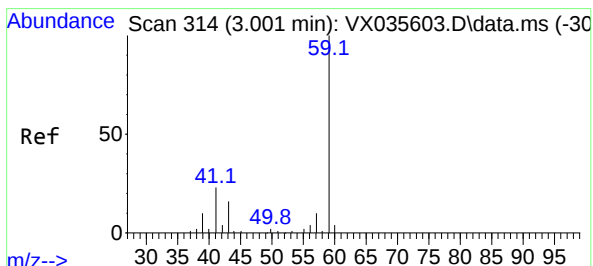
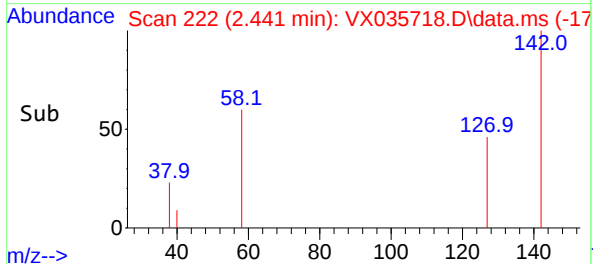
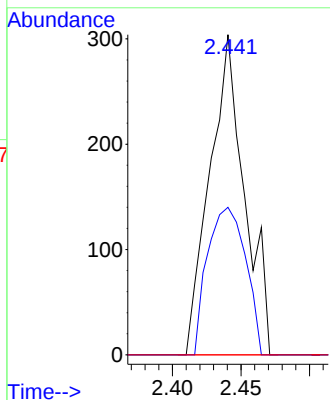
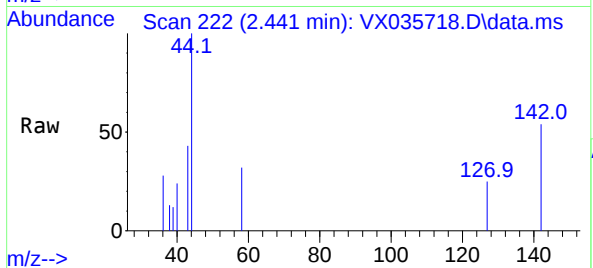




#10
Methyl Iodide
Concen: 0.269 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

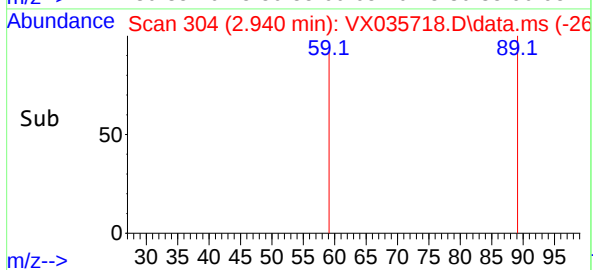
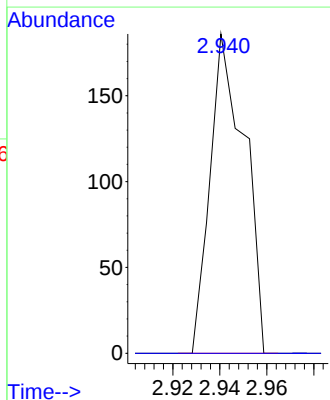
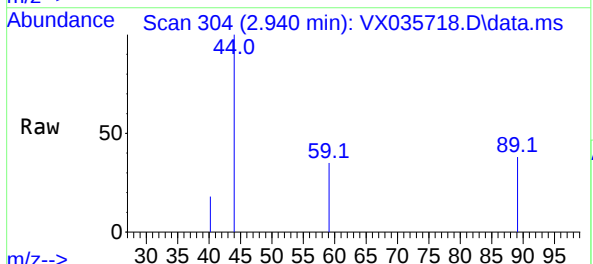
Instrument :
MSVOA_X
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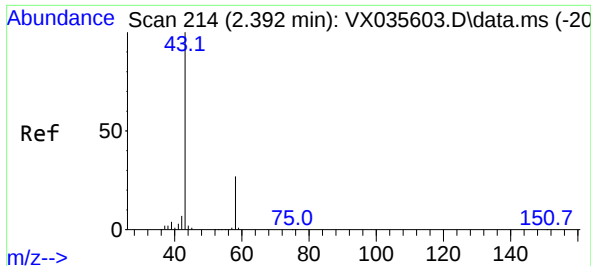
Tgt Ion:142 Resp: 537
Ion Ratio Lower Upper
142 100
127 50.5 34.0 51.0
141 0.0 11.1 16.7#



#11
Tert butyl alcohol
Concen: 0.322 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 59 Resp: 189
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

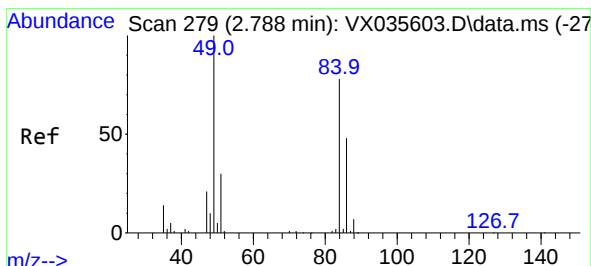
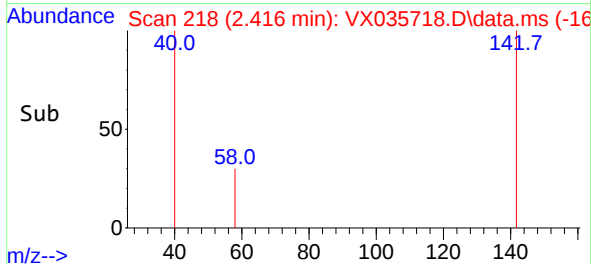
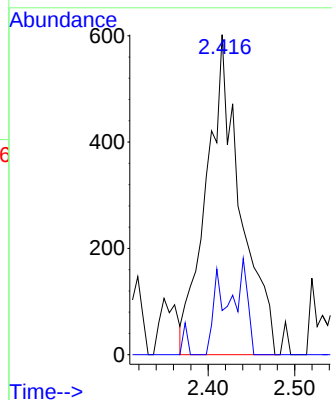
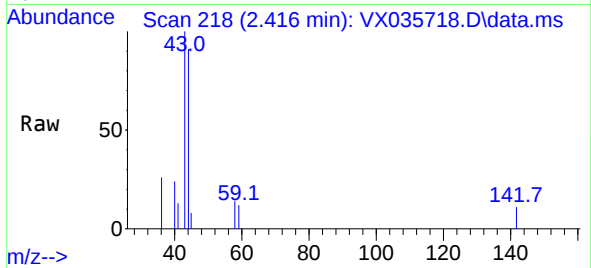




#16
Acetone
Concen: 1.146 ug/l
RT: 2.416 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

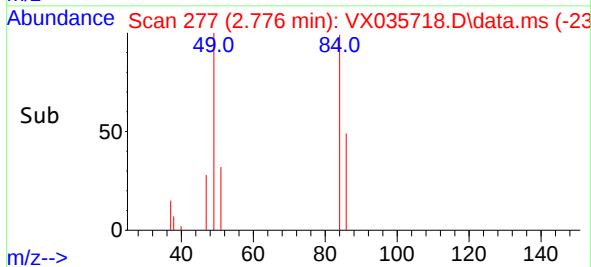
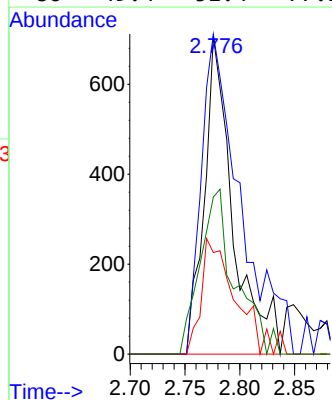
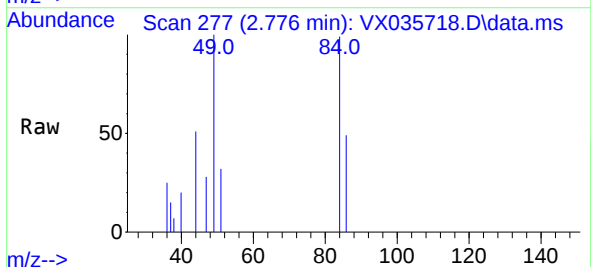
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923-FDME

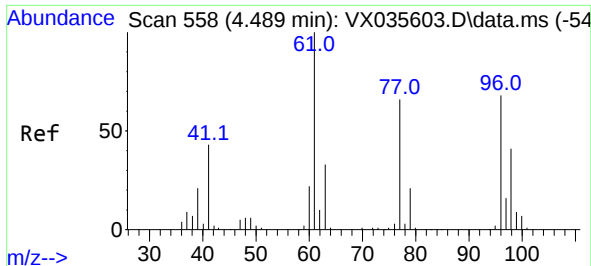
Tgt Ion: 43 Resp: 1638
Ion Ratio Lower Upper
43 100
58 13.8 24.7 37.1#



#20
Methylene Chloride
Concen: 0.497 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 84 Resp: 1288
Ion Ratio Lower Upper
84 100
49 100.7 103.8 155.8#
51 32.0 31.8 47.8
86 49.4 51.4 77.2#

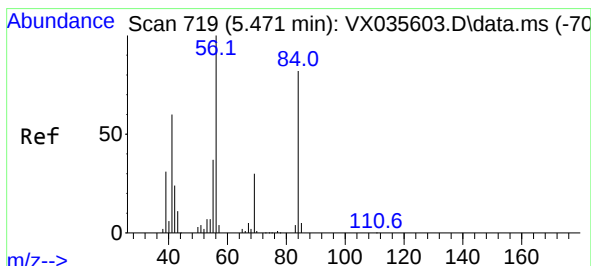
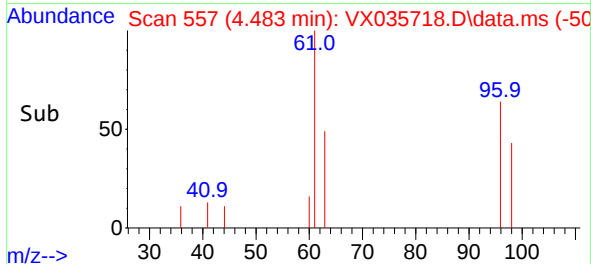
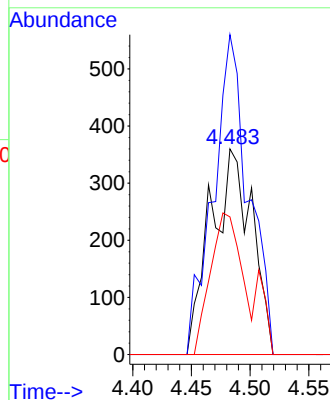
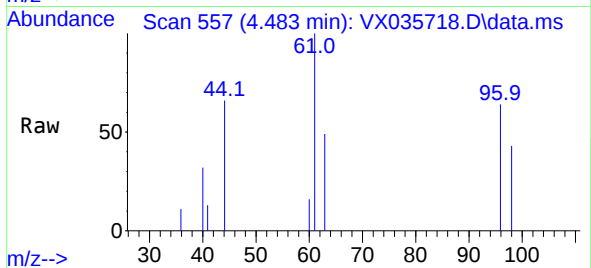




#27
cis-1,2-Dichloroethene
Concen: 0.315 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

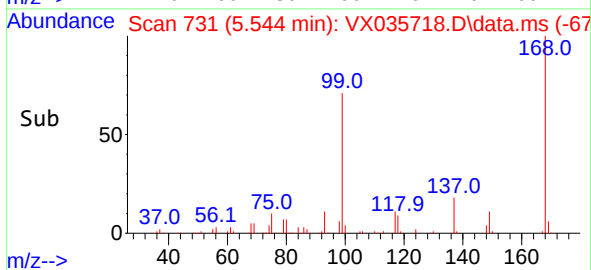
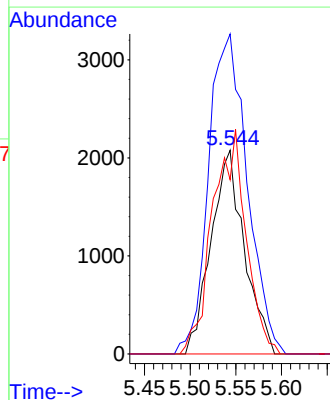
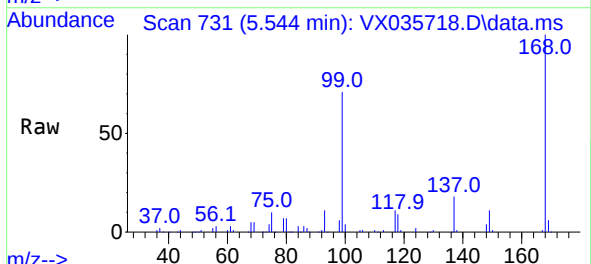
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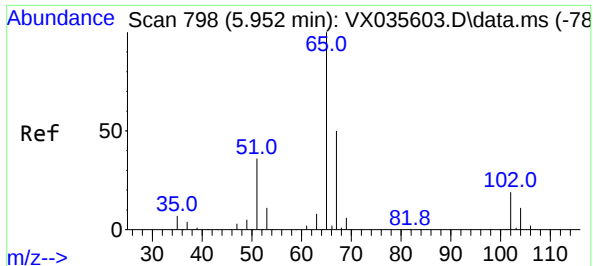
Tgt Ion: 96 Resp: 880
Ion Ratio Lower Upper
96 100
61 133.8 0.0 300.4
98 52.0 0.0 129.0



#31
Cyclohexane
Concen: 1.255 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 56 Resp: 5273
Ion Ratio Lower Upper
56 100
69 153.2 23.7 35.5#
84 85.6 68.5 102.7

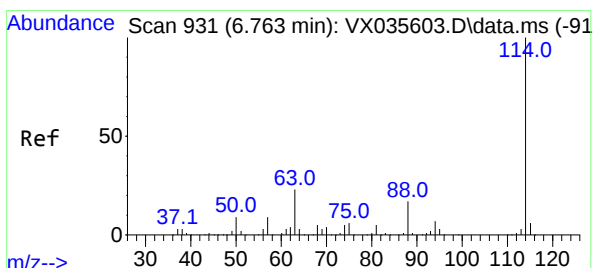
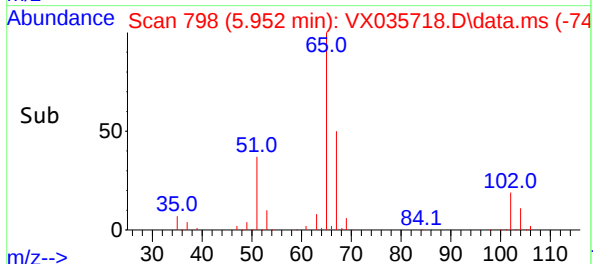
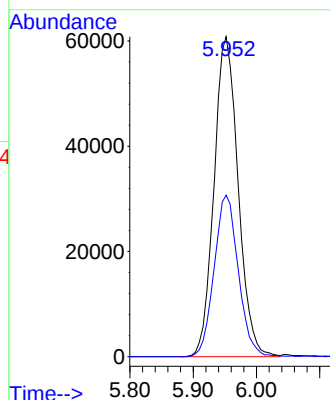
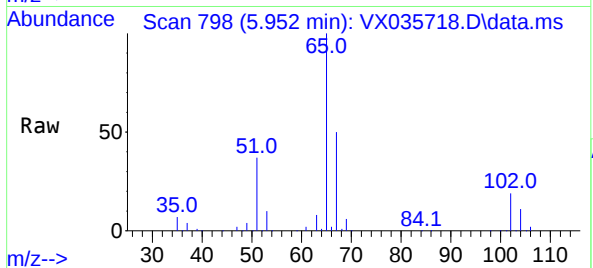




#33
 1,2-Dichloroethane-d4
 Concen: 48.282 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035718.D
 Acq: 17 May 2023 15:14

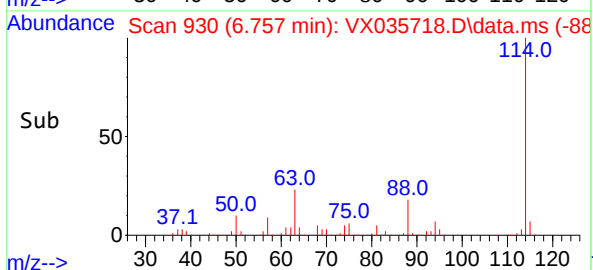
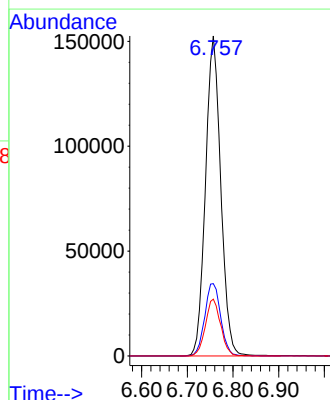
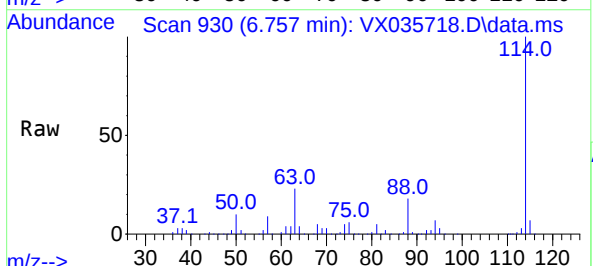
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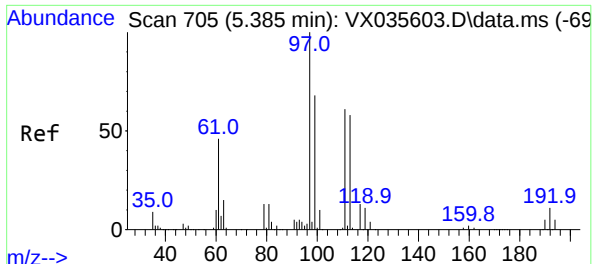
Tgt Ion: 65 Resp: 160598
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX035718.D
 Acq: 17 May 2023 15:14

Tgt Ion: 114 Resp: 353120
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.2
 88 17.7 0.0 33.2

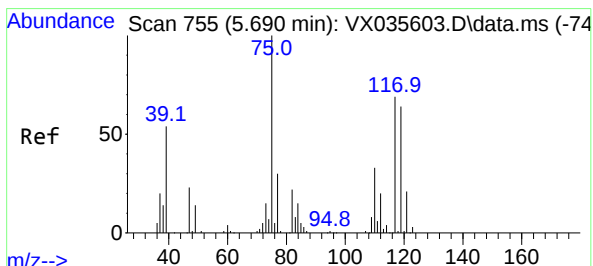
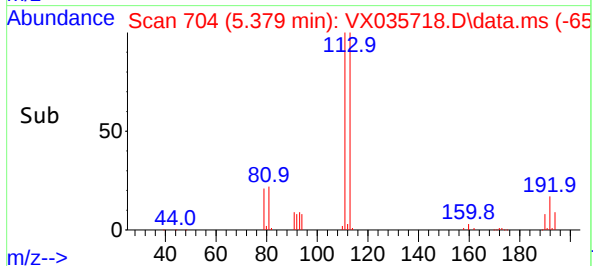
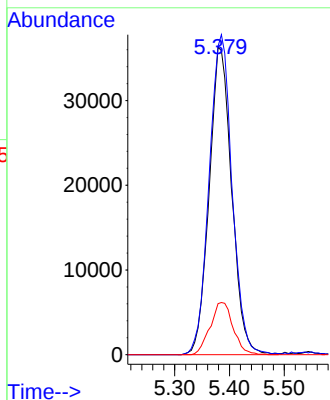
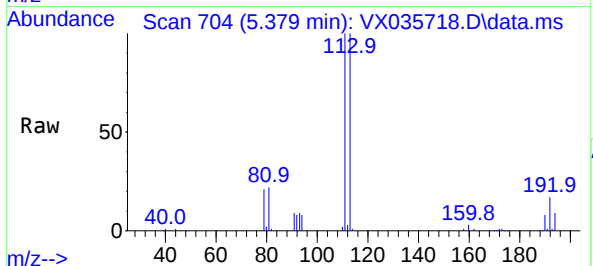




#35
Dibromofluoromethane
Concen: 43.472 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

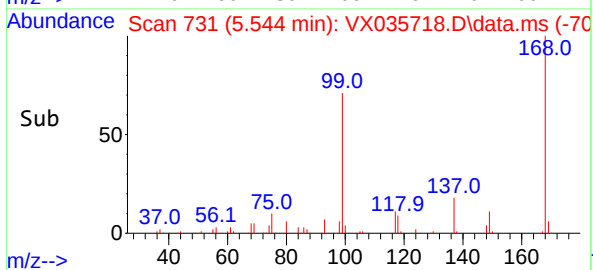
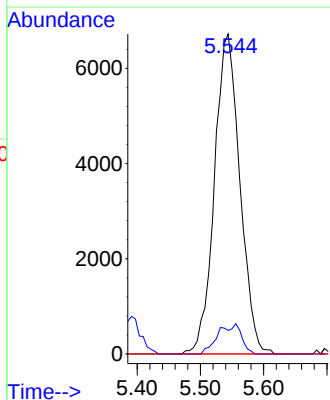
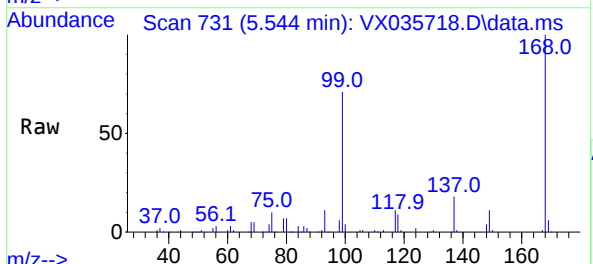
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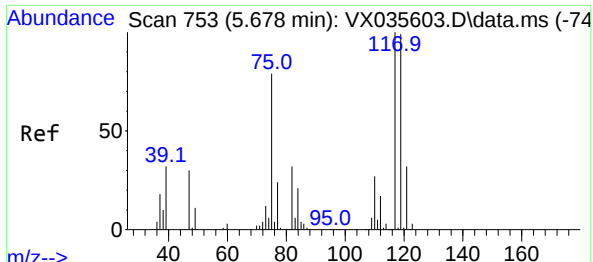
Tgt Ion:113 Resp: 103526
Ion Ratio Lower Upper
113 100
111 105.9 83.7 125.5
192 17.3 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.993 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

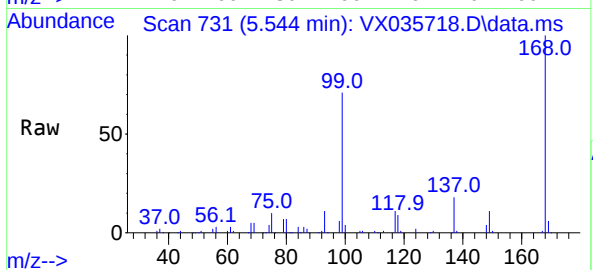
Tgt Ion: 75 Resp: 18769
Ion Ratio Lower Upper
75 100
110 4.7 17.5 52.5#
77 0.0 24.3 36.5#



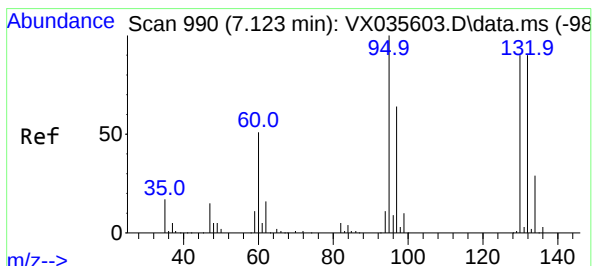
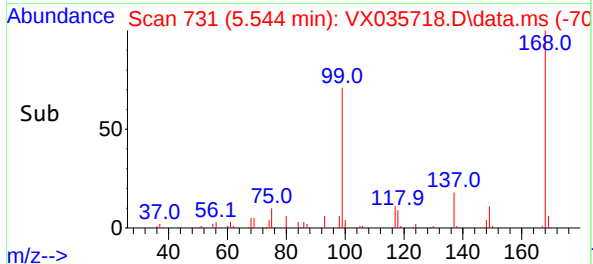
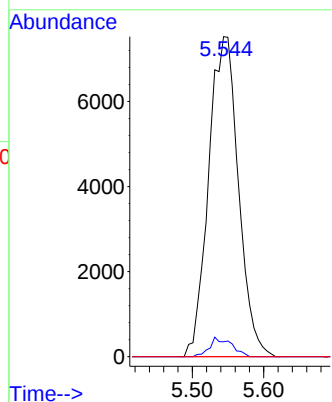


#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923-FDME

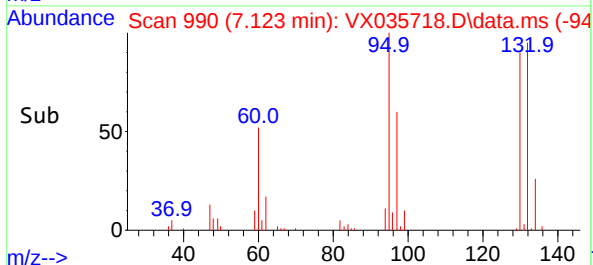
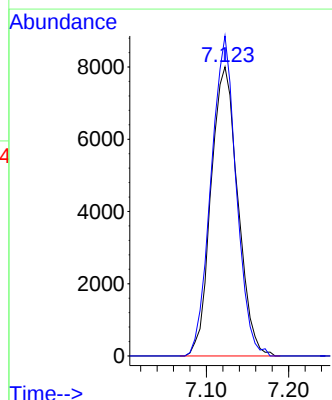
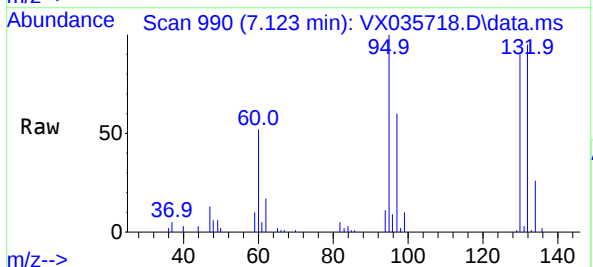


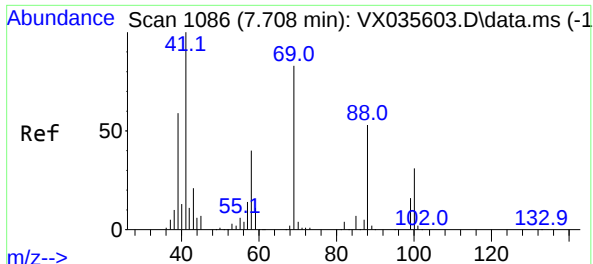
Tgt Ion:117 Resp: 21822
Ion Ratio Lower Upper
117 100
119 4.7 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 6.800 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion:130 Resp: 18131
Ion Ratio Lower Upper
130 100
95 110.7 0.0 198.4

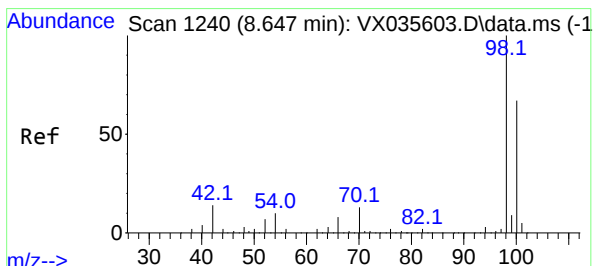
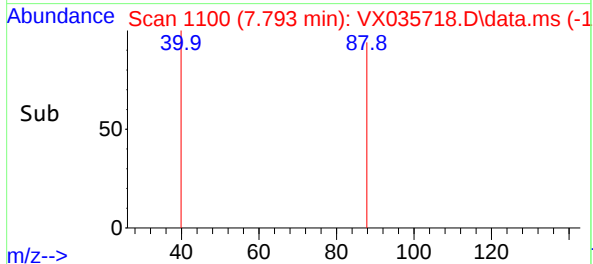
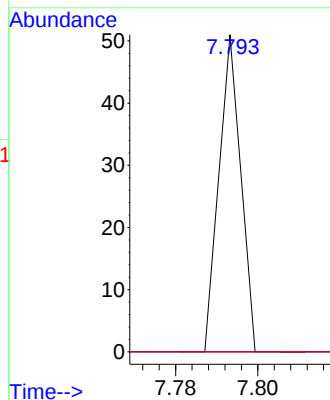
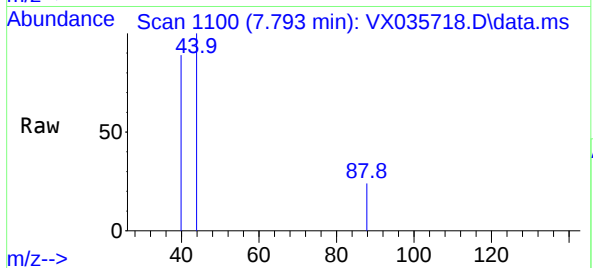




#49
1,4-Dioxane
Concen: 2.255 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.085 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

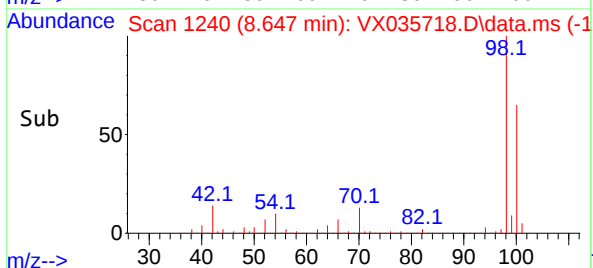
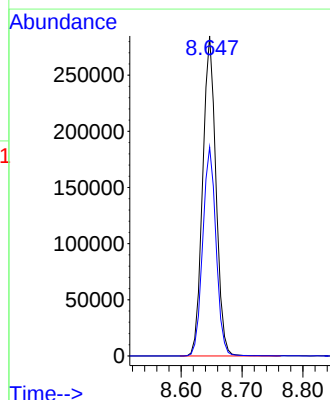
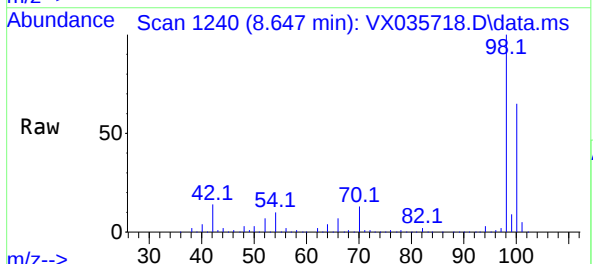
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923-FDME

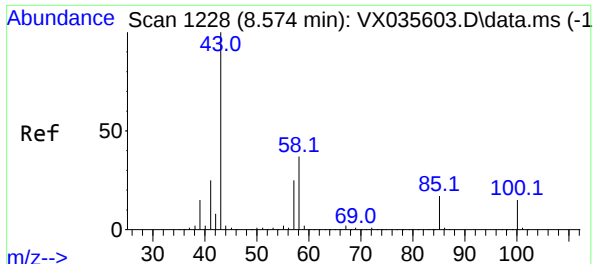
Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 0.0 56.8 85.2#



#50
Toluene-d8
Concen: 49.027 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 98 Resp: 431322
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX035718.D

Acq: 17 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

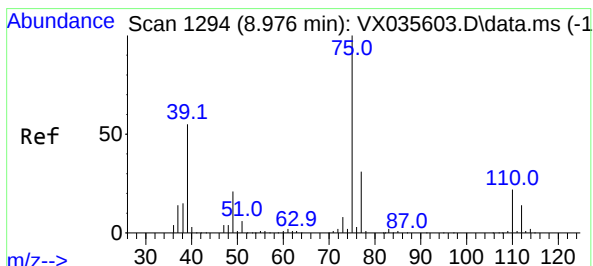
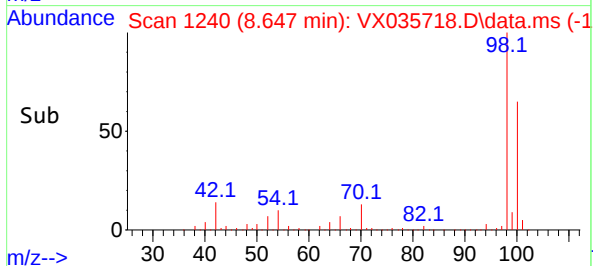
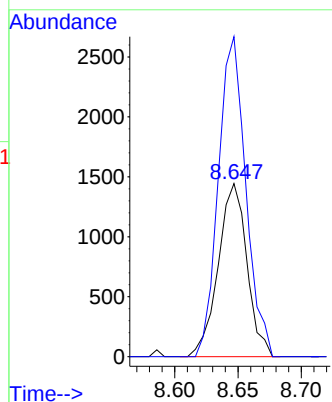
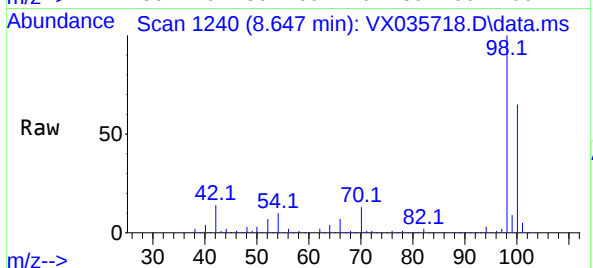
CB-14-G1-SO-30.5-050923-FDME

Tgt Ion: 43 Resp: 2281

Ion Ratio Lower Upper

43 100

58 176.5 30.6 46.0#



#53

t-1,3-Dichloropropene

Concen: 0.239 ug/l

RT: 8.897 min Scan# 1281

Delta R.T. -0.079 min

Lab File: VX035718.D

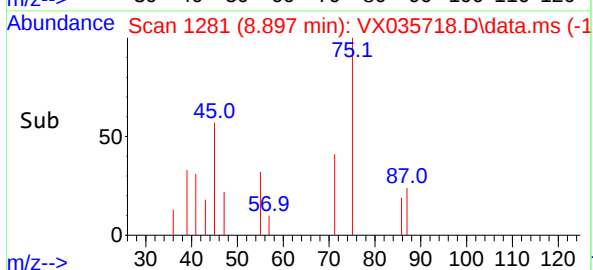
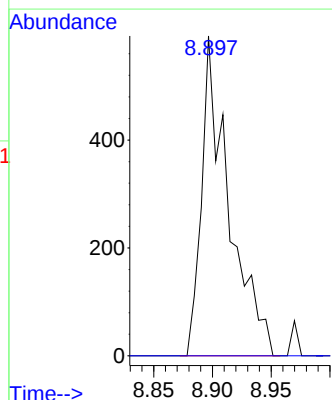
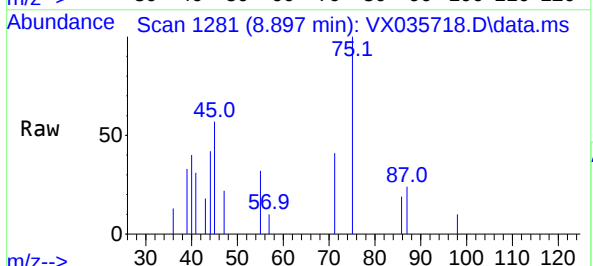
Acq: 17 May 2023 15:14

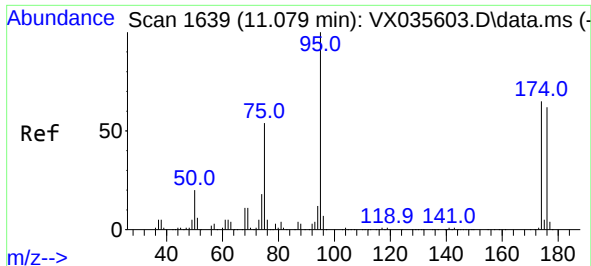
Tgt Ion: 75 Resp: 956

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.2#

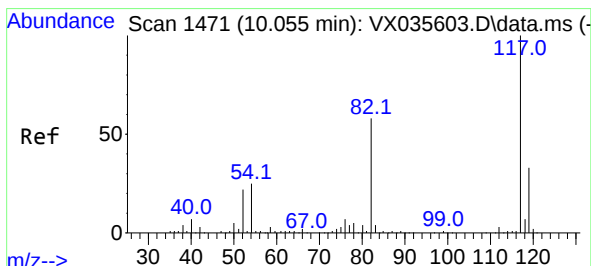
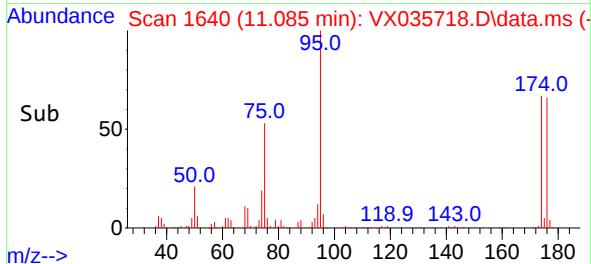
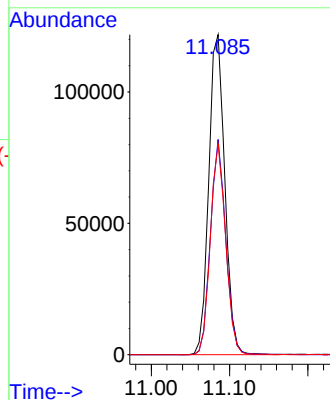
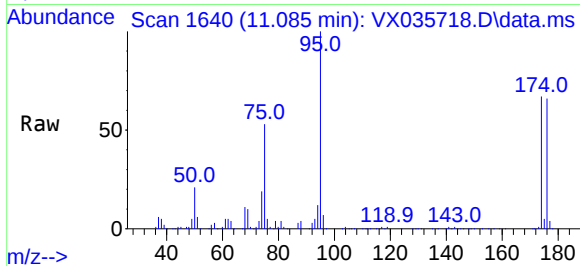




#62
4-Bromofluorobenzene
Concen: 48.878 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. 0.006 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

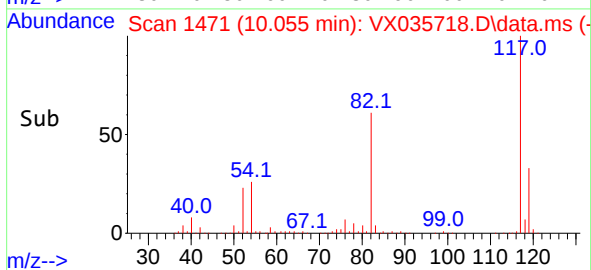
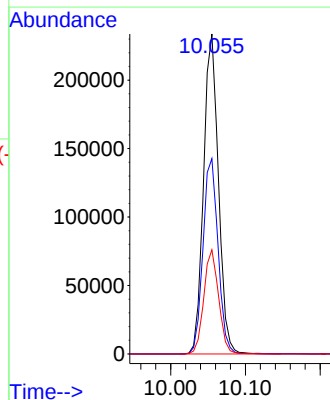
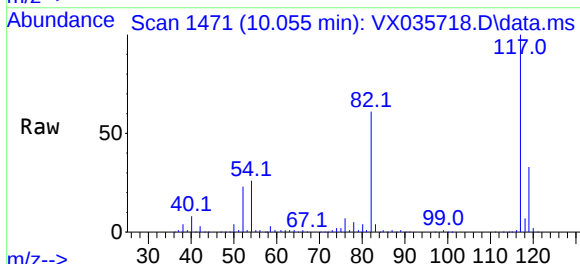
Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923-FDME

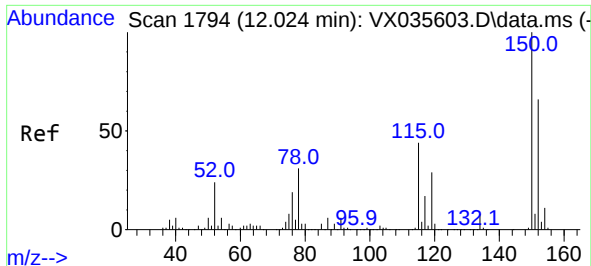
Tgt Ion: 95 Resp: 173141
Ion Ratio Lower Upper
95 100
174 64.3 0.0 147.4
176 62.9 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 117 Resp: 322879
Ion Ratio Lower Upper
117 100
82 61.0 45.0 67.4
119 32.5 26.0 39.0

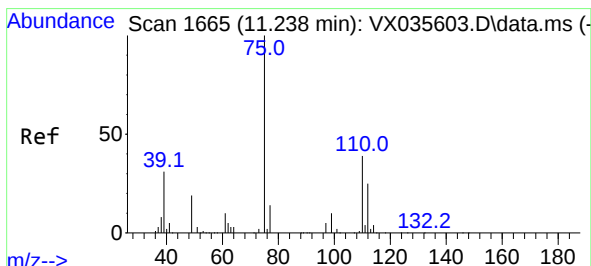
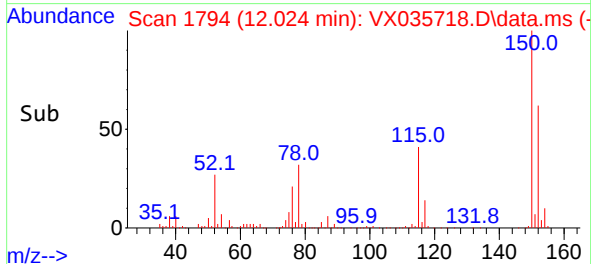
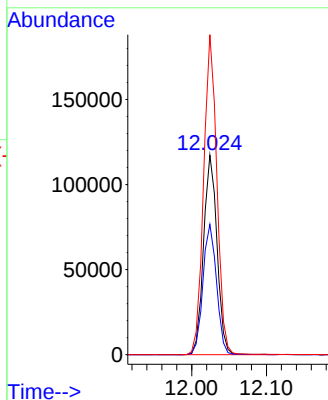
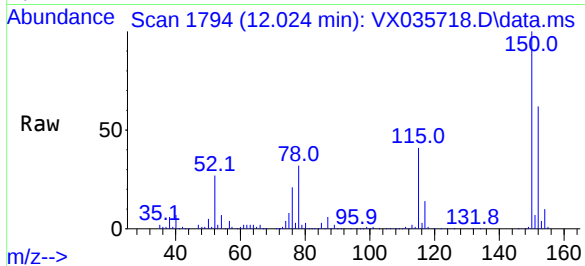




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

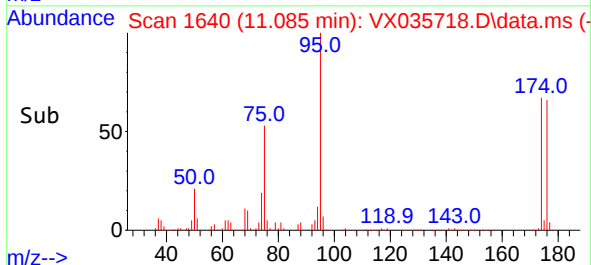
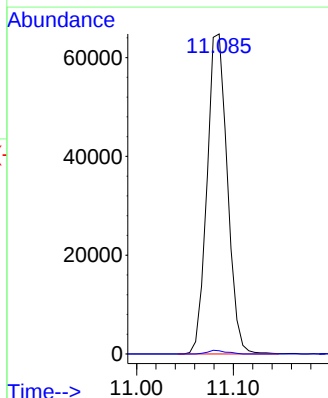
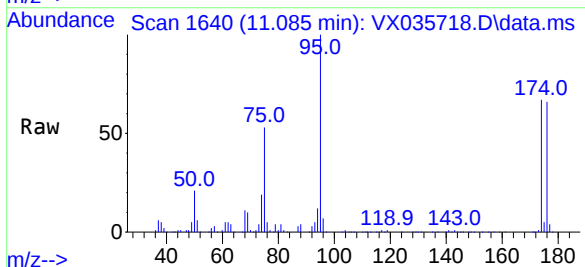
Instrument : MSVOA_X
ClientSampleId : CB-14-G1-SO-30.5-050923-FDME

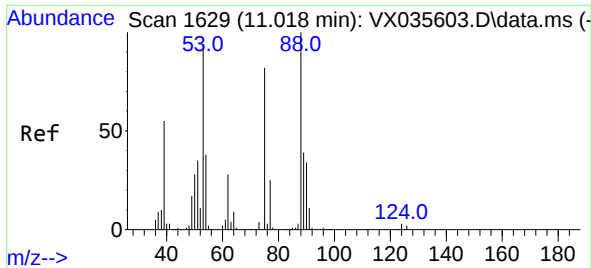
Tgt Ion:152 Resp: 146759
Ion Ratio Lower Upper
152 100
115 65.9 45.0 135.0
150 157.6 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 26.383 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Tgt Ion: 75 Resp: 94709
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.029 ug/l
RT: 11.085 min Scan# 10
Delta R.T. 0.067 min
Lab File: VX035718.D
Acq: 17 May 2023 15:14

Instrument :
MSVOA_X
ClientSampleId :
CB-14-G1-SO-30.5-050923-FDME

Tgt Ion: 75 Resp: 94709
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.2 36.9 55.3#

