

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041196.D
 Acq On : 22 Apr 2024 17:43
 Operator : JC/MD
 Sample : P2218-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-131-GW-02

Quant Time: Apr 23 05:39:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

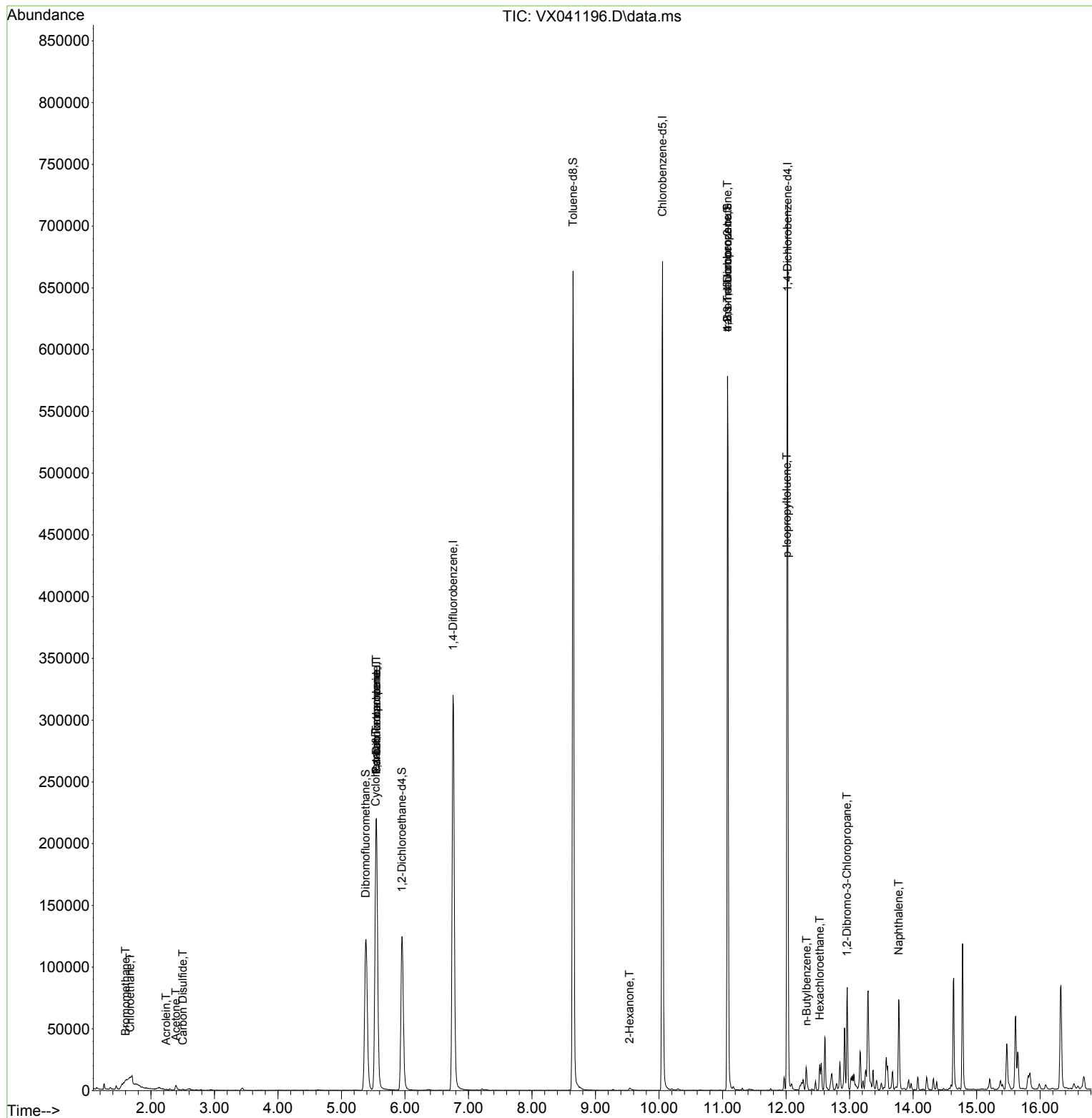
Internal Standards						
1) Pentafluorobenzene	5.550	168	247324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	360066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325405	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	171584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	124178	52.744	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.480%		
35) Dibromofluoromethane	5.379	113	108463	49.521	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.040%		
50) Toluene-d8	8.647	98	410811	55.593	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 111.180%		
62) 4-Bromofluorobenzene	11.079	95	148142	54.314	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 108.620%		
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	458	0.384	ug/l	# 77
6) Chloroethane	1.672	64	199	0.247	ug/l	# 43
13) Acrolein	2.239	56	323	0.683	ug/l	# 66
16) Acetone	2.392	43	4527	5.283	ug/l	94
17) Carbon Disulfide	2.502	76	984	0.261	ug/l	# 91
31) Cyclohexane	5.538	56	3629	1.145	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	14720	5.253	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	20673	6.605	ug/l	# 14
59) 2-Hexanone	9.537	43	589	0.248	ug/l	# 26
76) 1,2,3-Trichloropropane	11.079	75	71372	25.817	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	71372	72.838	ug/l	# 5
86) p-Isopropyltoluene	12.012	119	2884	0.298	ug/l	85
89) n-Butylbenzene	12.323	91	2794	0.380	ug/l	# 16
90) Hexachloroethane	12.530	117	858	0.537	ug/l	# 17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	205	0.290	ug/l	# 9
95) Naphthalene	13.774	128	50390	4.525	ug/l	99

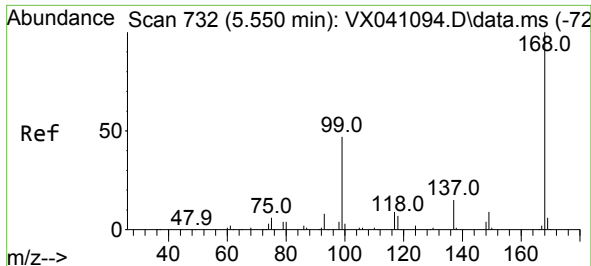
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

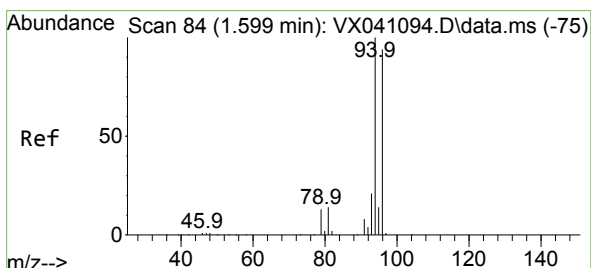
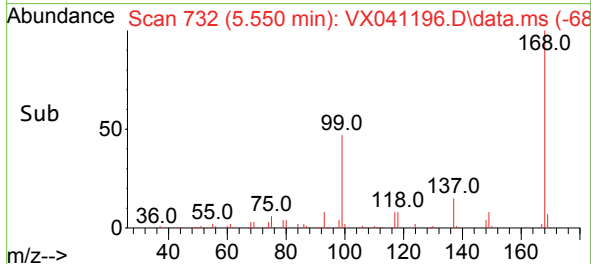
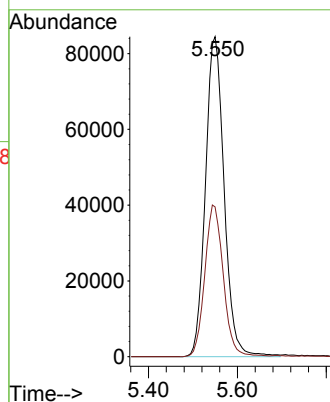
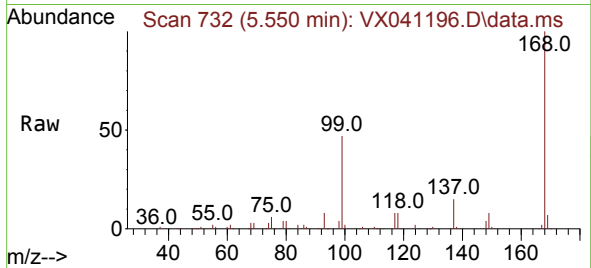




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

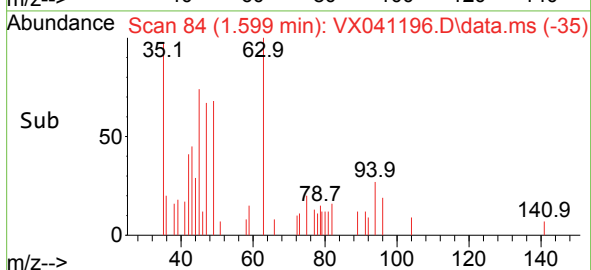
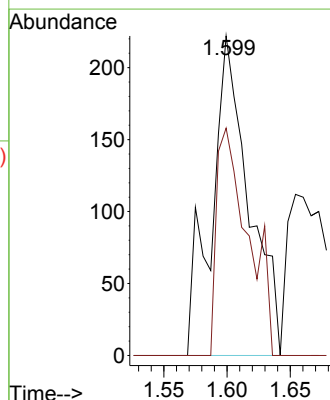
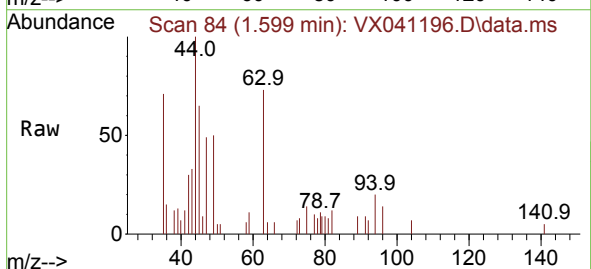
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

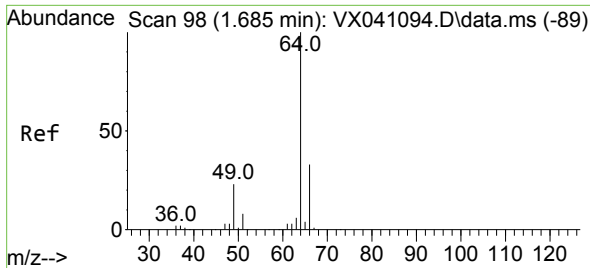
Tgt Ion:168 Resp: 247324
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#5
Bromomethane
Concen: 0.384 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 71.2 74.6 111.8#

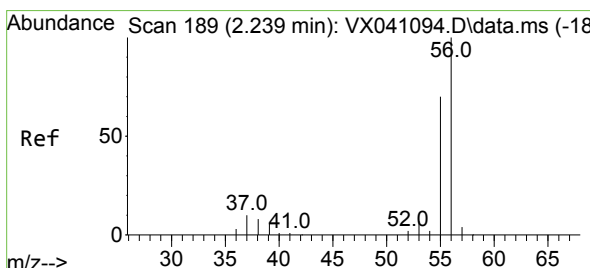
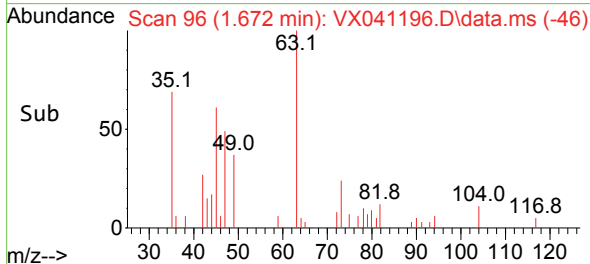
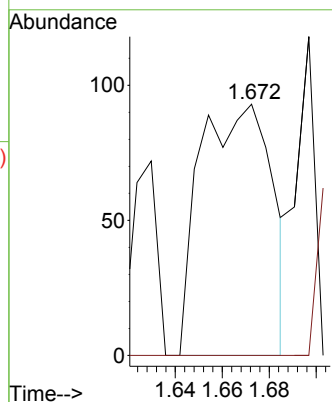
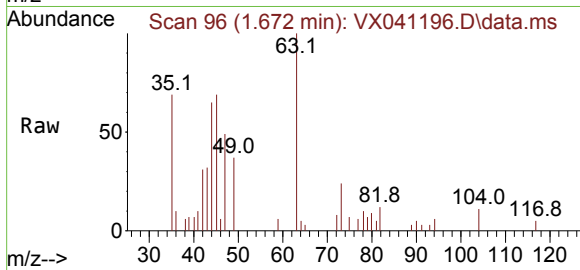




#6
Chloroethane
Concen: 0.247 ug/l
RT: 1.672 min Scan# 90
Delta R.T. 0.006 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

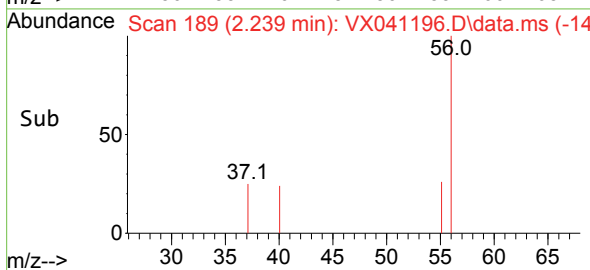
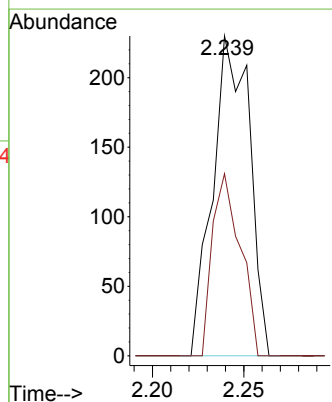
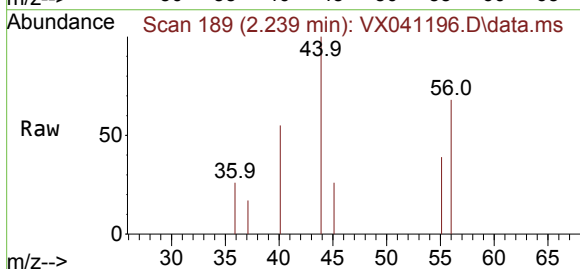
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

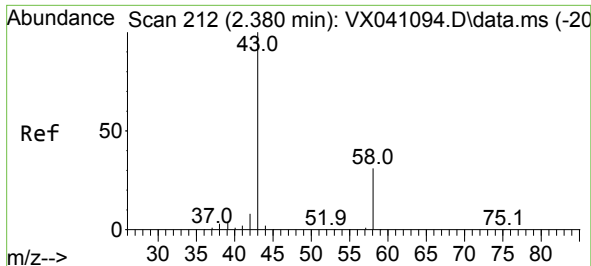
Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#13
Acrolein
Concen: 0.683 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 56 Resp: 323
Ion Ratio Lower Upper
56 100
55 43.0 57.1 85.7#

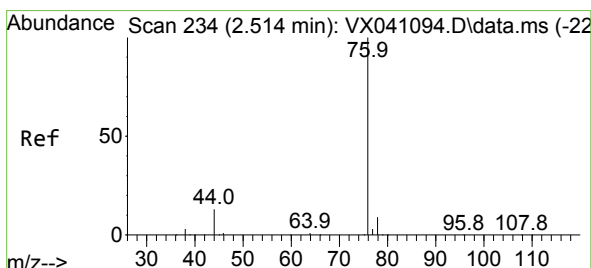
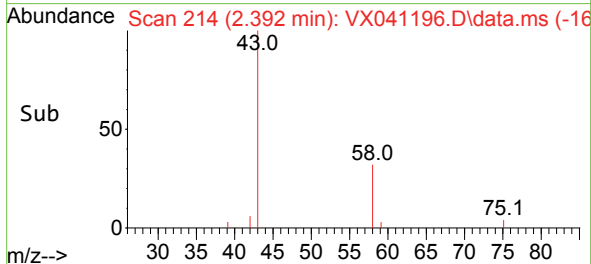
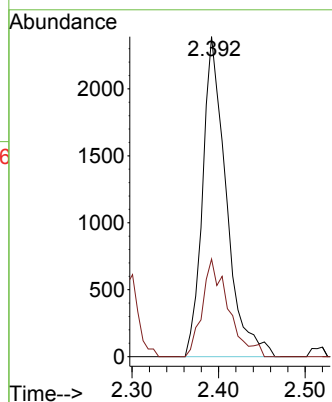
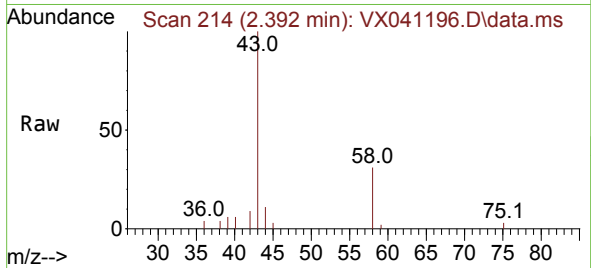




#16
Acetone
Concen: 5.283 ug/l
RT: 2.392 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

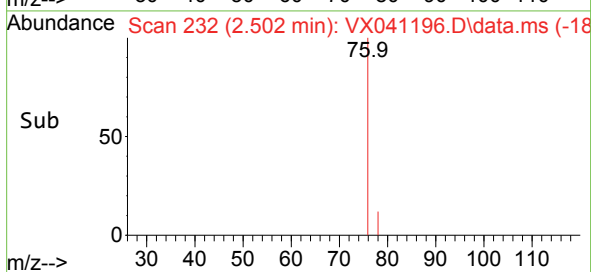
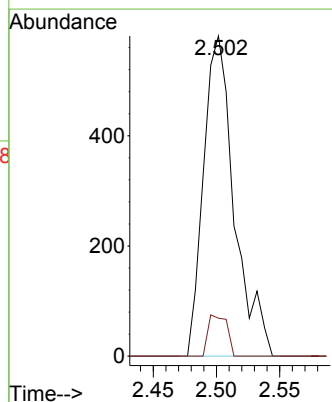
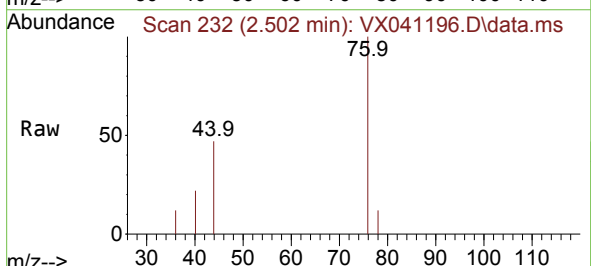
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

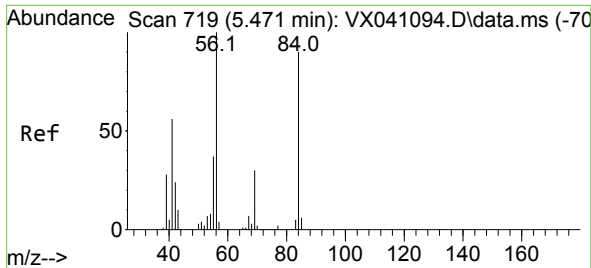
Tgt Ion: 43 Resp: 4527
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



#17
Carbon Disulfide
Concen: 0.261 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

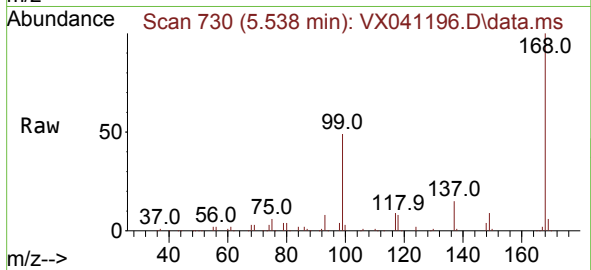
Tgt Ion: 76 Resp: 984
Ion Ratio Lower Upper
76 100
78 11.9 7.0 10.6#



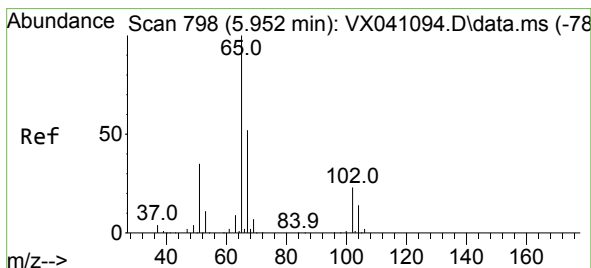
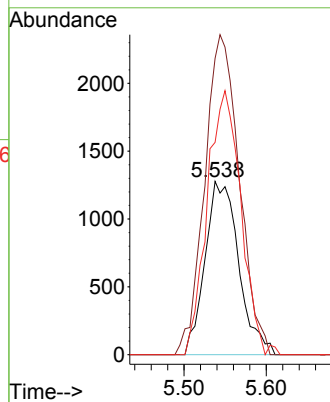
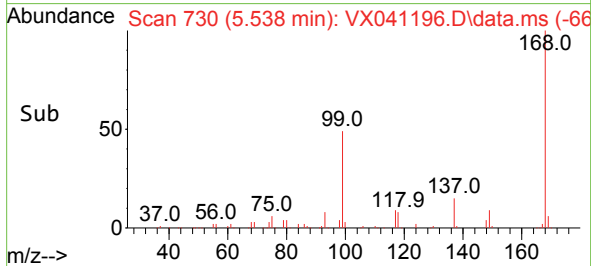


#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

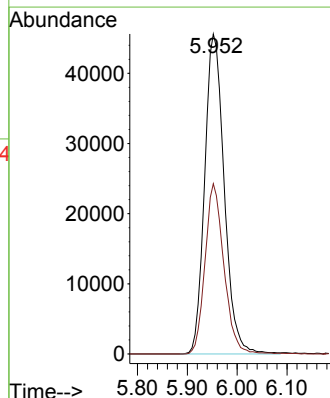
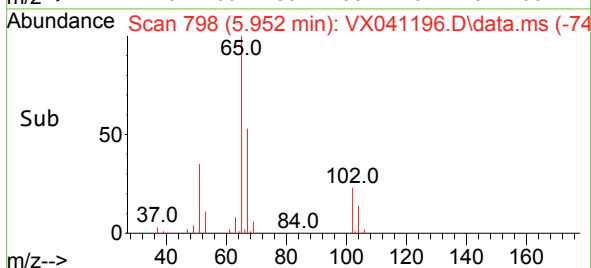
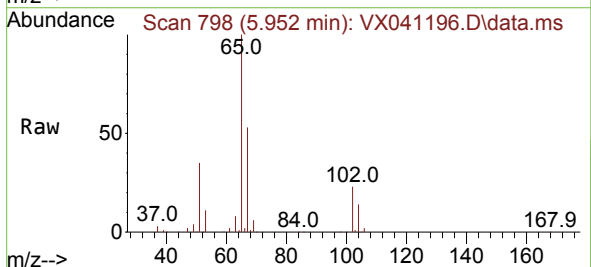


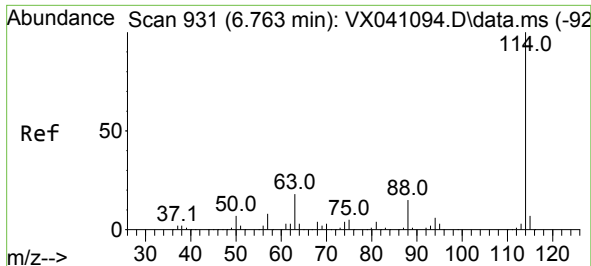
Tgt Ion: 56 Resp: 3629
Ion Ratio Lower Upper
56 100
69 171.0 23.4 35.2#
84 122.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 52.744 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 65 Resp: 124178
Ion Ratio Lower Upper
65 100
67 51.4 0.0 100.2

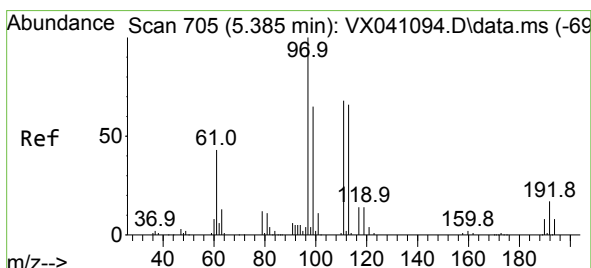
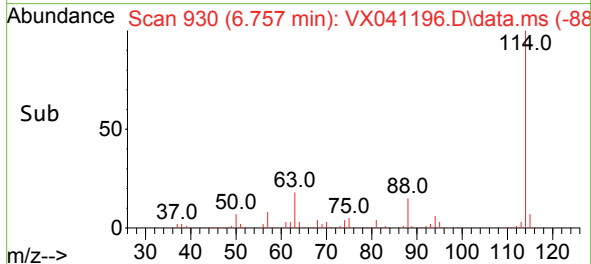
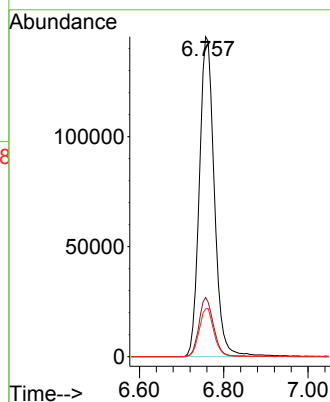
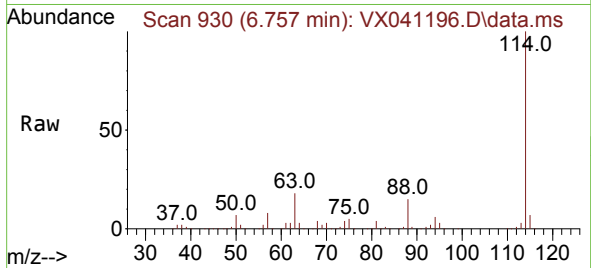




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

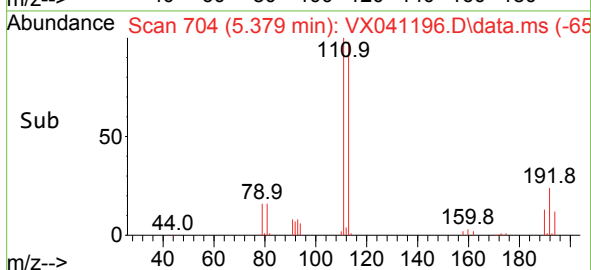
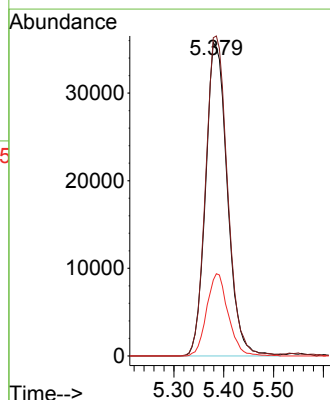
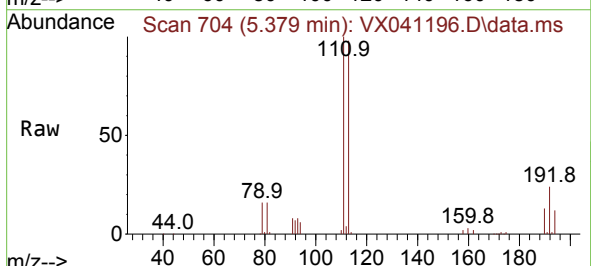
Instrument :
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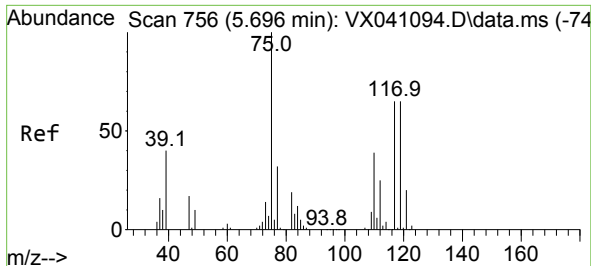
Tgt Ion:114 Resp: 360066
Ion Ratio Lower Upper
114 100
63 18.5 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.521 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion:113 Resp: 108463
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 25.9 13.3 19.9#

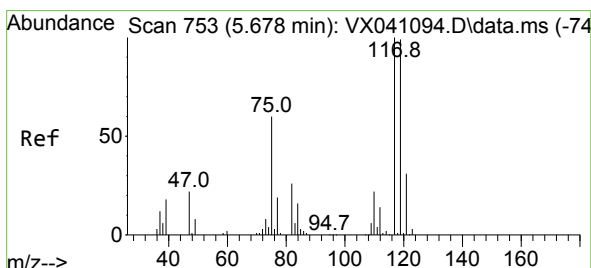
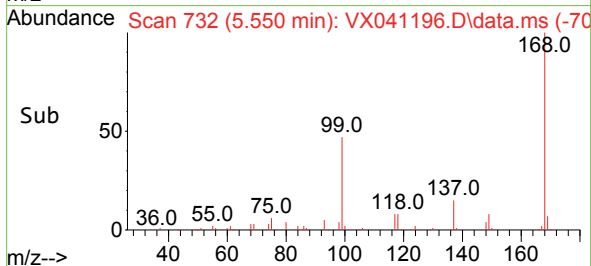
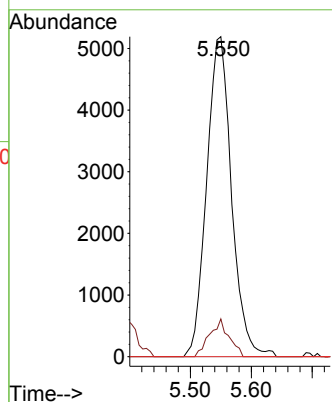
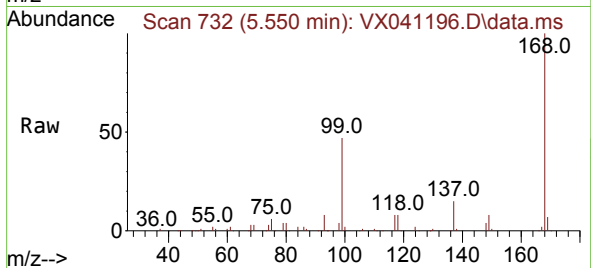




#36
1,1-Dichloropropene
Concen: 5.253 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

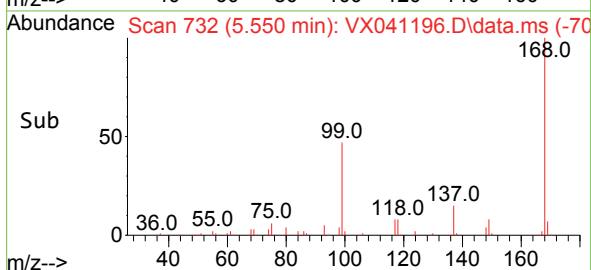
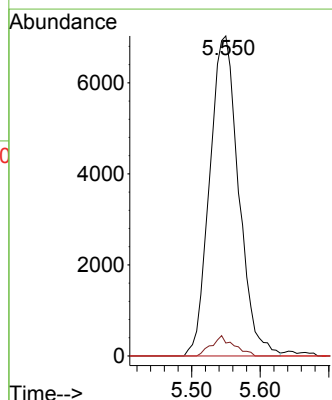
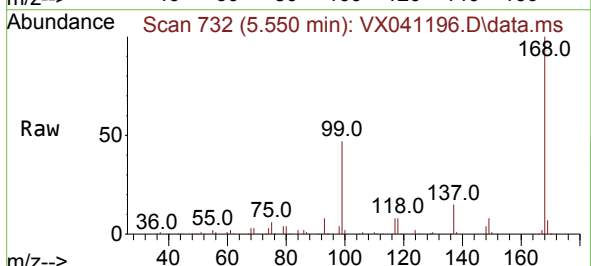
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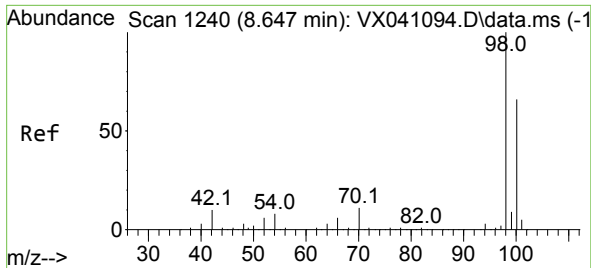
Tgt Ion: 75 Resp: 14720
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.605 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 117 Resp: 20673
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#

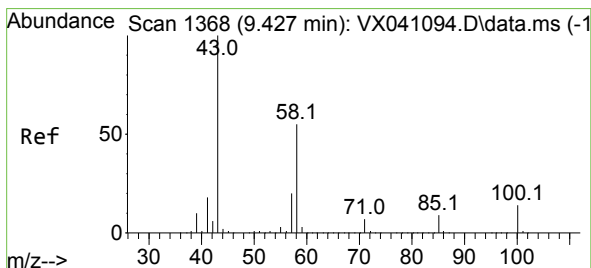
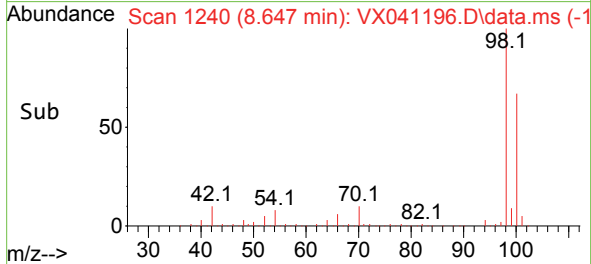
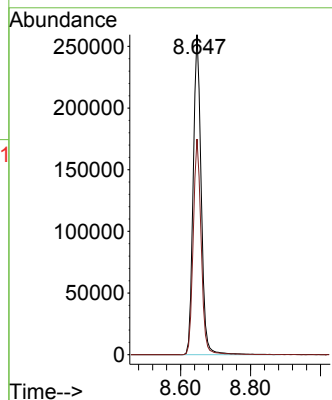
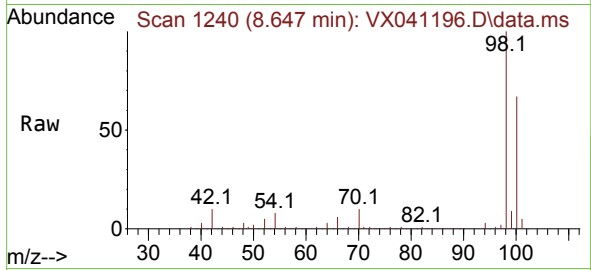




#50
Toluene-d8
Concen: 55.593 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

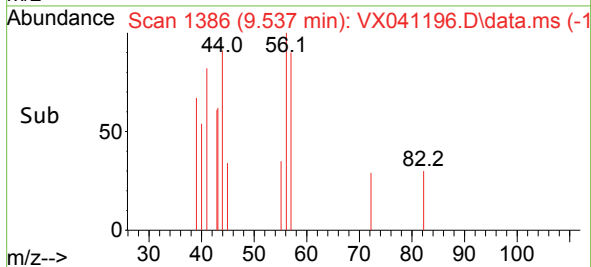
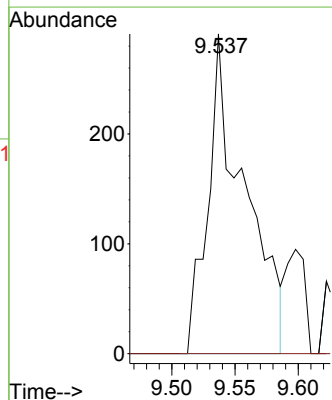
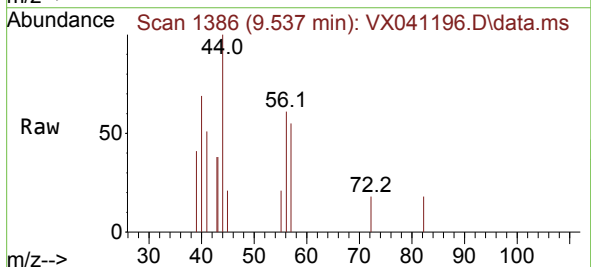
Instrument :
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ClientSampleId :
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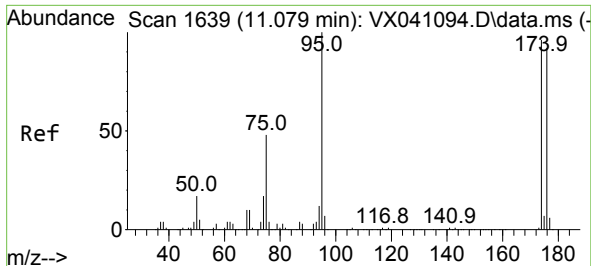
Tgt Ion: 98 Resp: 410811
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#59
2-Hexanone
Concen: 0.248 ug/l
RT: 9.537 min Scan# 1386
Delta R.T. 0.104 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 43 Resp: 589
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

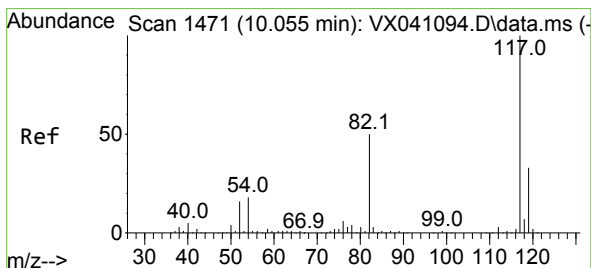
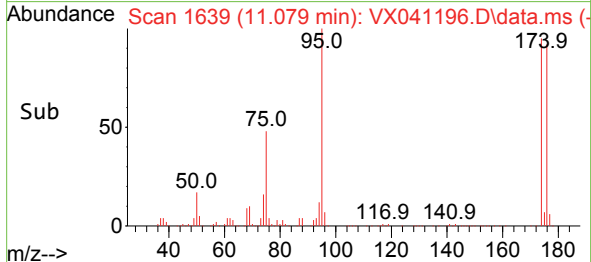
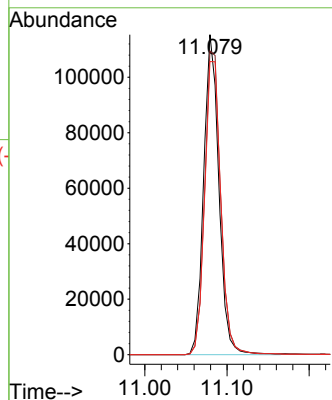
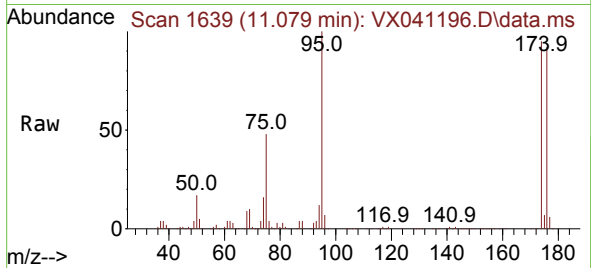




#62
4-Bromofluorobenzene
Concen: 54.314 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

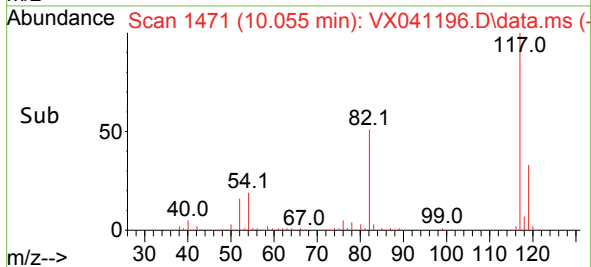
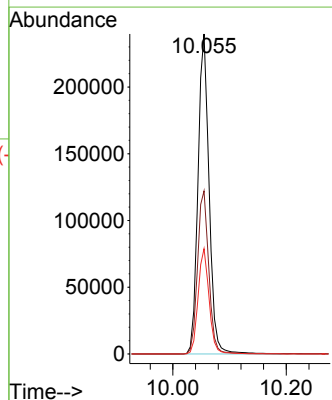
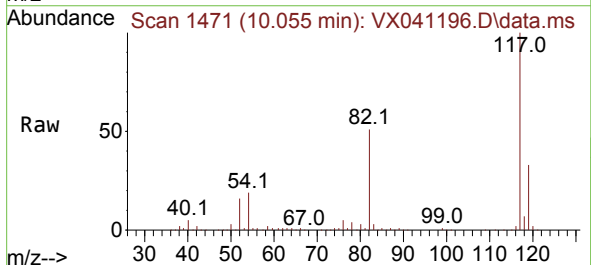
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

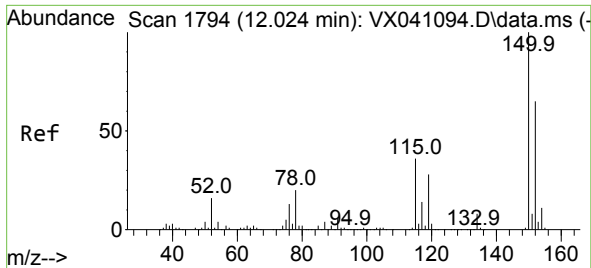
Tgt Ion: 95 Resp: 148142
Ion Ratio Lower Upper
95 100
174 99.8 0.0 135.6
176 98.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 117 Resp: 325405
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.9 25.5 38.3

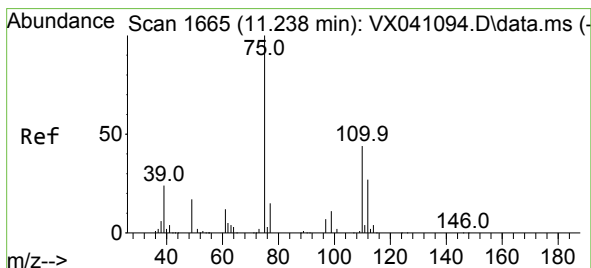
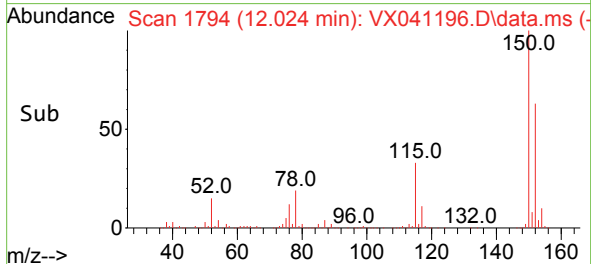
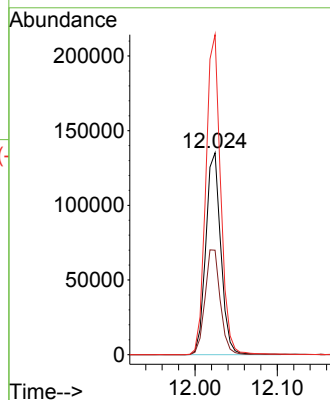
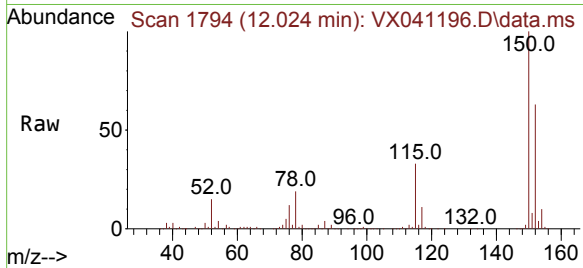




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041196.D
 Acq: 22 Apr 2024 17:43

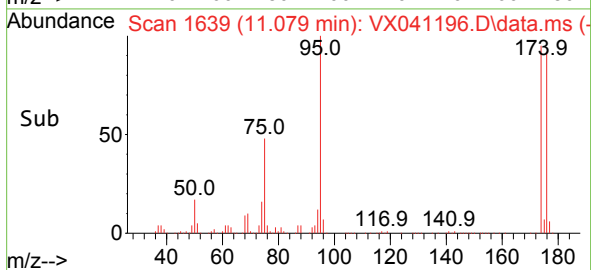
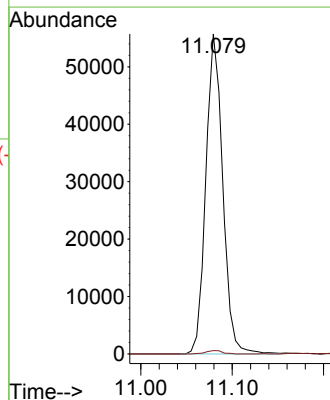
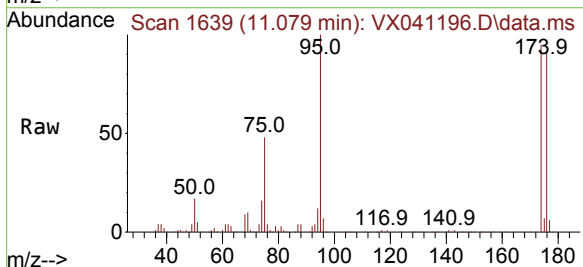
Instrument :
 MSVOA_X
 ClientSampleId :
 B-131-GW-02

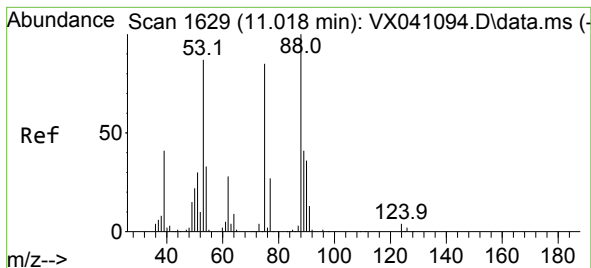
Tgt Ion:152 Resp: 171584
 Ion Ratio Lower Upper
 152 100
 115 53.2 43.3 129.9
 150 156.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.817 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX041196.D
 Acq: 22 Apr 2024 17:43

Tgt Ion: 75 Resp: 71372
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

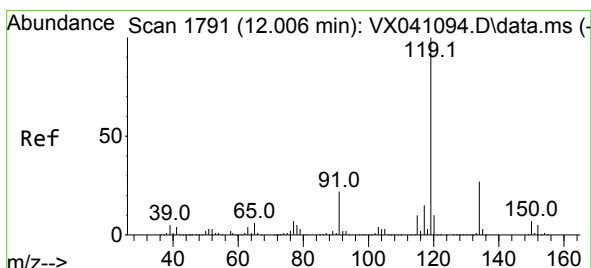
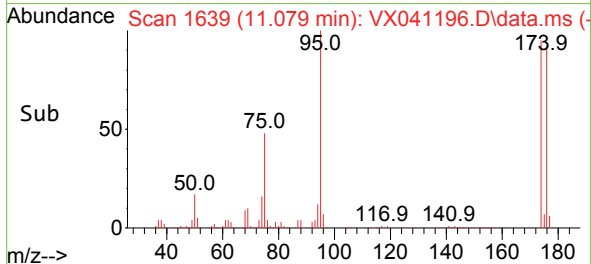
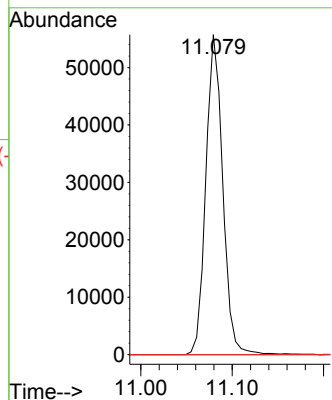
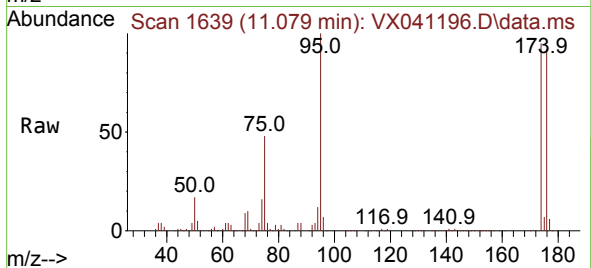




#81
trans-1,4-Dichloro-2-butene
Concen: 72.838 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

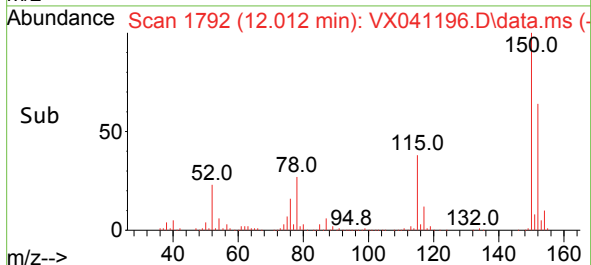
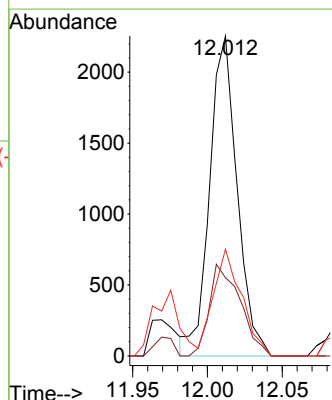
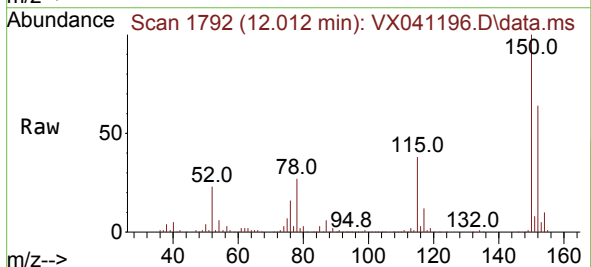
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

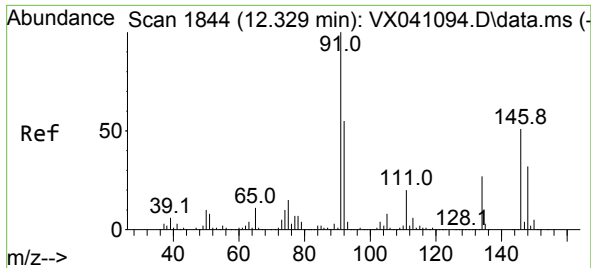
Tgt Ion: 75 Resp: 71372
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#86
p-Isopropyltoluene
Concen: 0.298 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 119 Resp: 2884
Ion Ratio Lower Upper
119 100
134 32.1 12.8 38.3
91 34.4 13.1 39.3

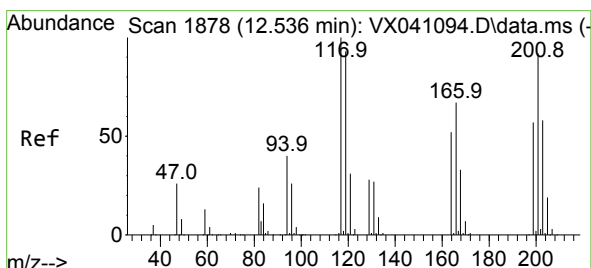
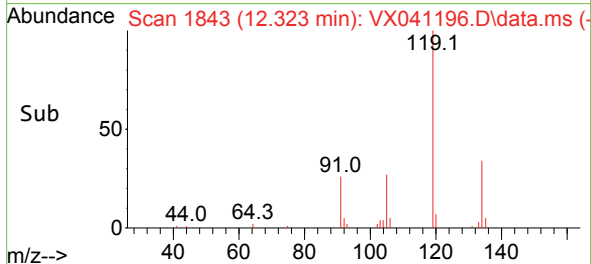
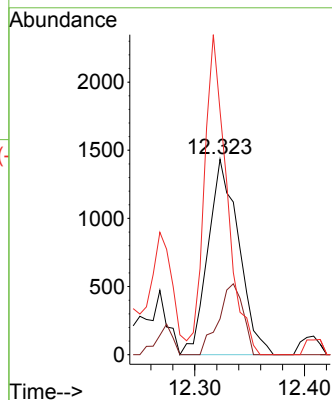
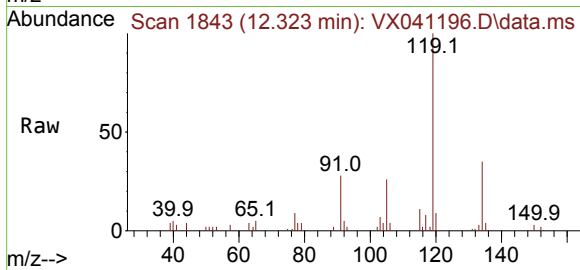




#89
n-Butylbenzene
Concen: 0.380 ug/l
RT: 12.323 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

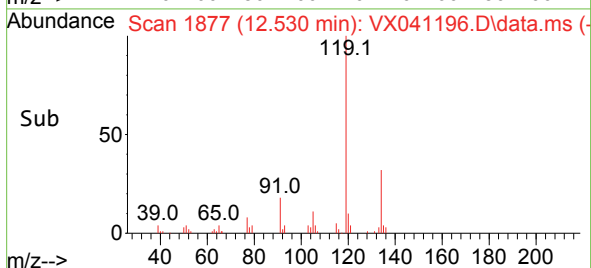
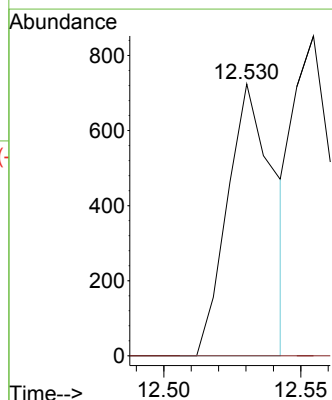
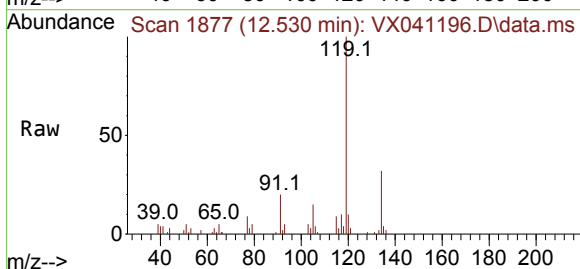
Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

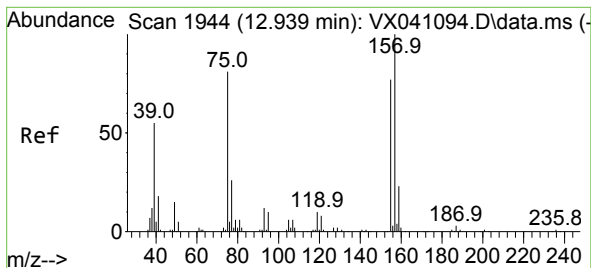
Tgt Ion: 91 Resp: 2794
Ion Ratio Lower Upper
91 100
92 28.8 27.4 82.0
134 119.4 12.6 37.8#



#90
Hexachloroethane
Concen: 0.537 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 117 Resp: 858
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#

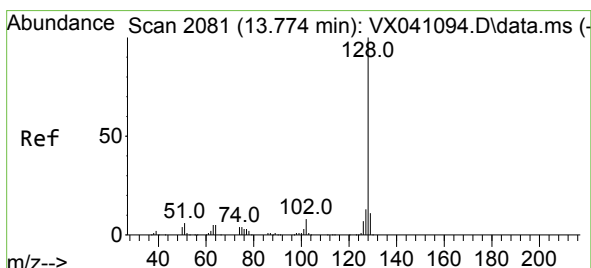
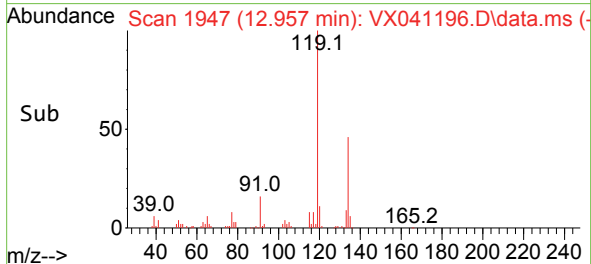
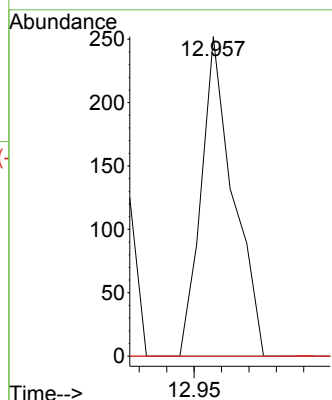
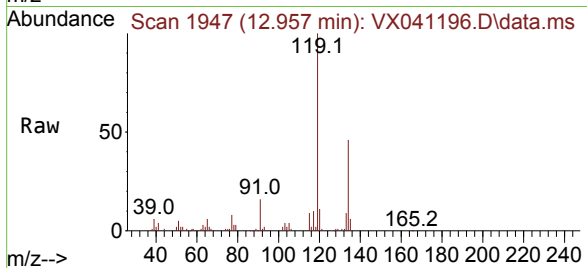




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.290 ug/l
RT: 12.957 min Scan# 1947
Delta R.T. 0.018 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Instrument :
MSVOA_X
ClientSampleId :
B-131-GW-02

Tgt Ion: 75 Resp: 205
Ion Ratio Lower Upper
75 100
155 0.0 36.1 108.5#
157 0.0 44.9 134.7#



#95
Naphthalene
Concen: 4.525 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX041196.D
Acq: 22 Apr 2024 17:43

Tgt Ion: 128 Resp: 50390
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.7 8.8 13.2

