

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040201.D
 Acq On : 12 Feb 2024 15:51
 Operator : JC/MD
 Sample : P1438-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-718-720

Quant Time: Feb 12 16:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

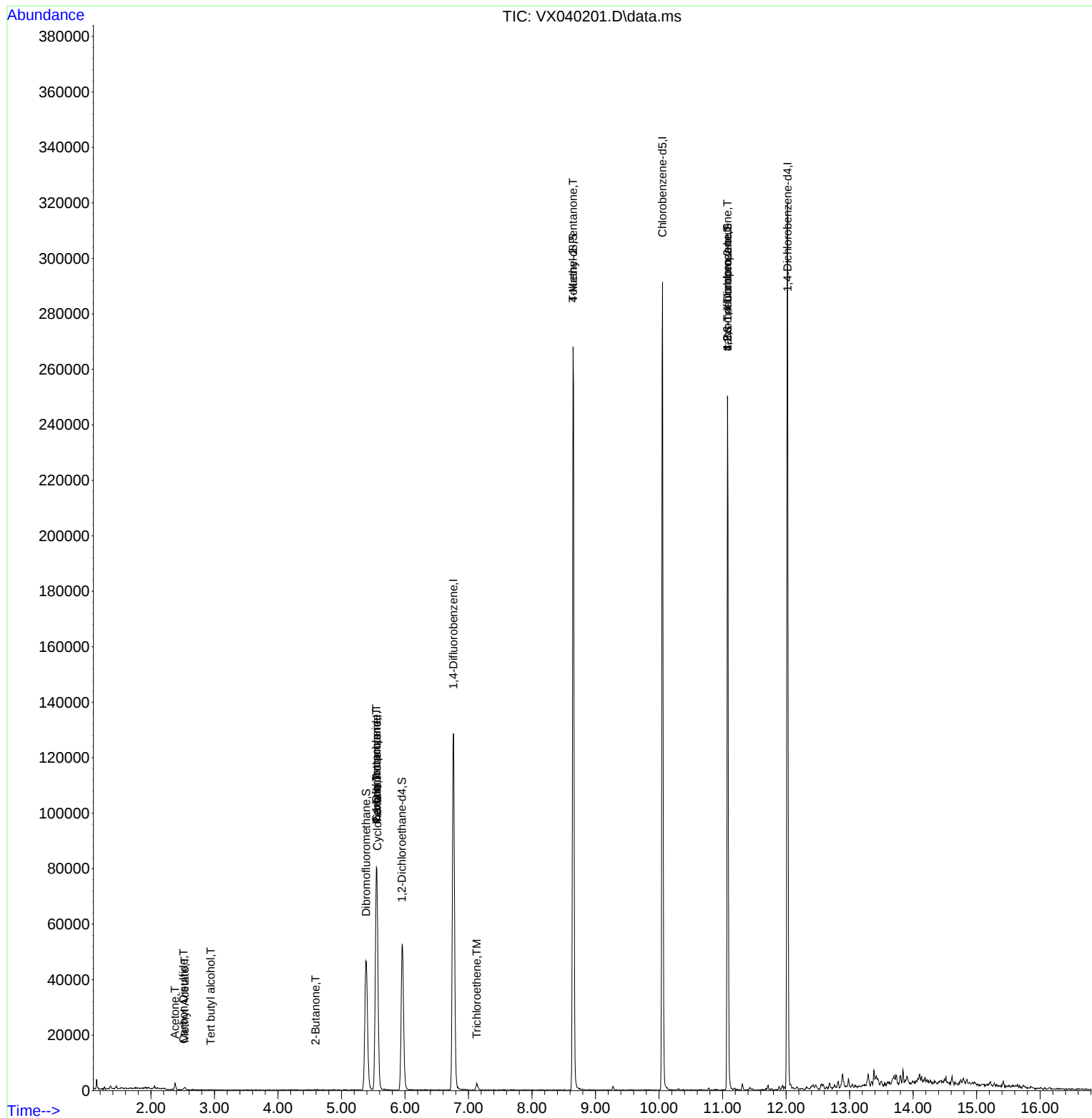
Internal Standards						
1) Pentafluorobenzene	5.556	168	77324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	131384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127271	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	66498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	51158	44.472	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.940%		
35) Dibromofluoromethane	5.385	113	41962	45.734	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.460%		
50) Toluene-d8	8.647	98	160768	46.842	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.680%		
62) 4-Bromofluorobenzene	11.079	95	65462	46.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.540%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.940	59	85	0.379	ug/l	# 78
16) Acetone	2.379	43	2489	5.268	ug/l	# 89
17) Carbon Disulfide	2.514	76	461	0.221	ug/l	# 76
18) Methyl Acetate	2.532	43	414	0.327	ug/l	# 53
20) Methylene Chloride	2.788	84	22	Below Cal		# 5
25) 2-Butanone	4.593	43	216	0.292	ug/l	# 51
31) Cyclohexane	5.562	56	1936	1.411	ug/l	# 34
36) 1,1-Dichloropropene	5.550	75	6189	4.815	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	7896	6.461	ug/l	# 15
44) Trichloroethene	7.129	130	949	0.957	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	734	0.482	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	33560	24.922	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	33560	68.565	ug/l	# 5

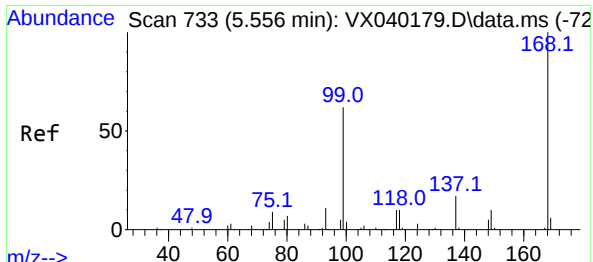
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
Data File : VX040201.D
Acq On : 12 Feb 2024 15:51
Operator : JC/MD
Sample : P1438-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720

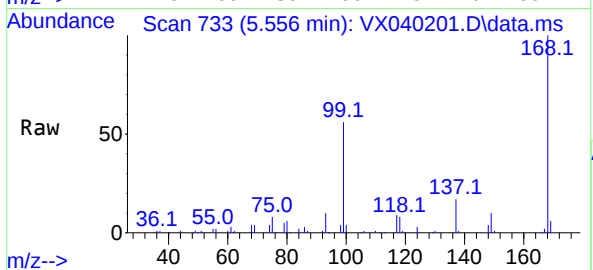
Quant Time: Feb 12 16:17:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration



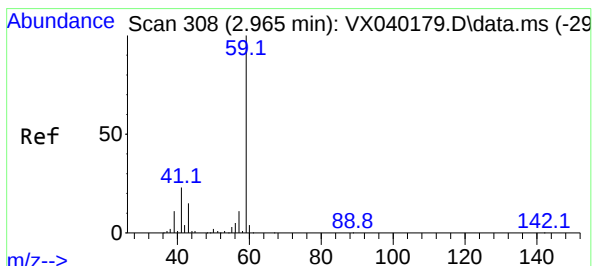
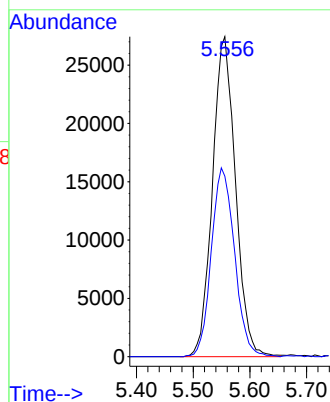
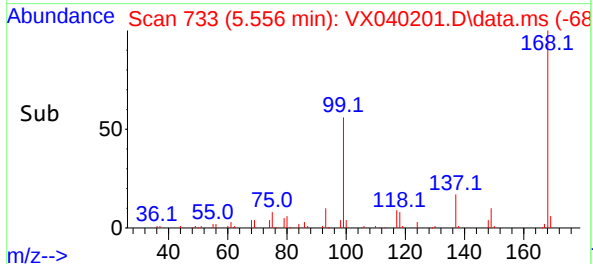


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720

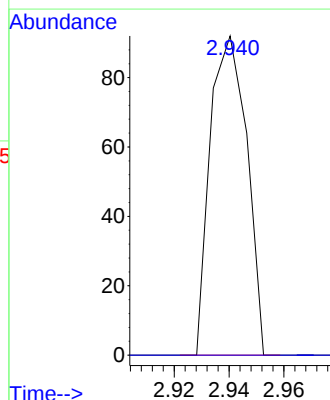
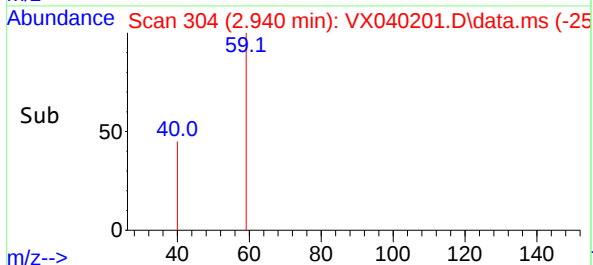
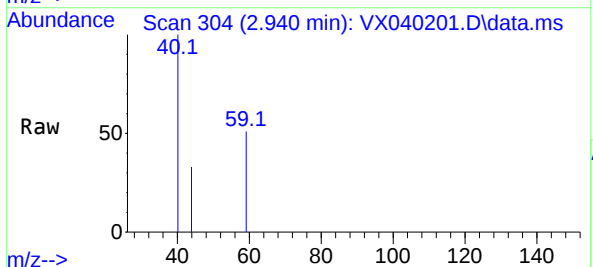


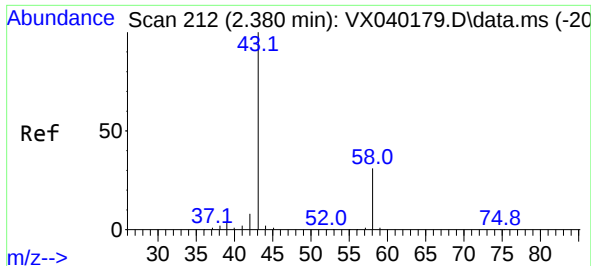
Tgt Ion:168 Resp: 77324
Ion Ratio Lower Upper
168 100
99 56.4 56.6 85.0#



#11
Tert butyl alcohol
Concen: 0.379 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Tgt Ion: 59 Resp: 85
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

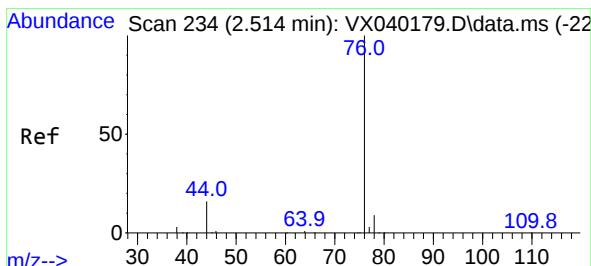
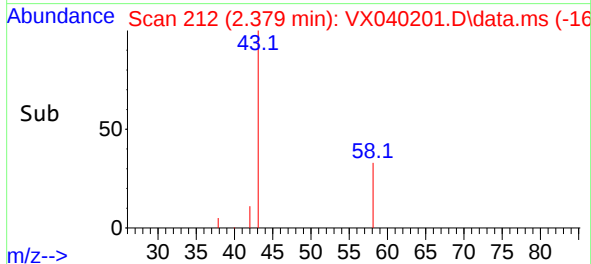
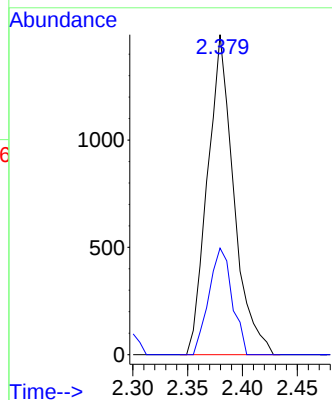
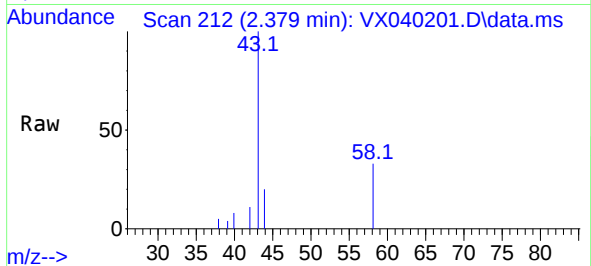




#16
Acetone
Concen: 5.268 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

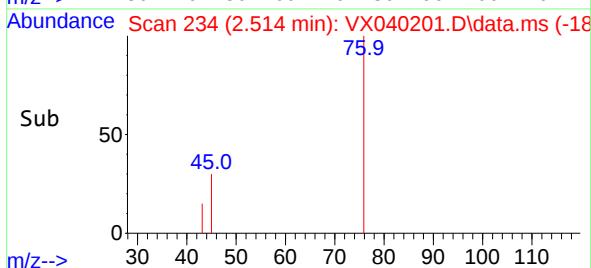
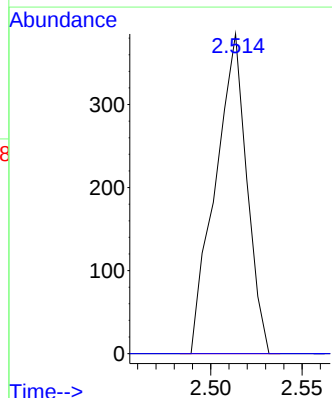
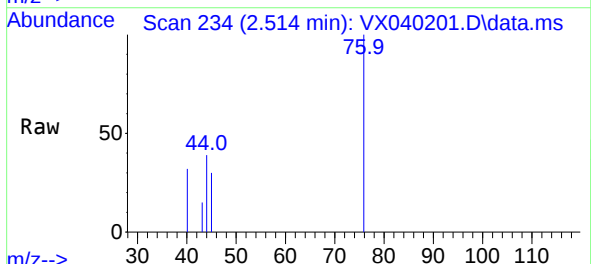
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720

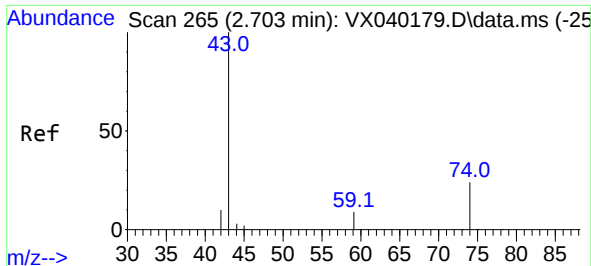
Tgt Ion: 43 Resp: 2489
Ion Ratio Lower Upper
43 100
58 33.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Tgt Ion: 76 Resp: 461
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

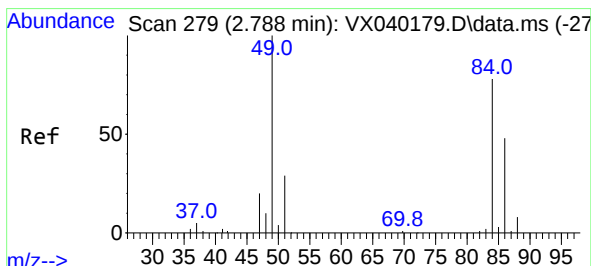
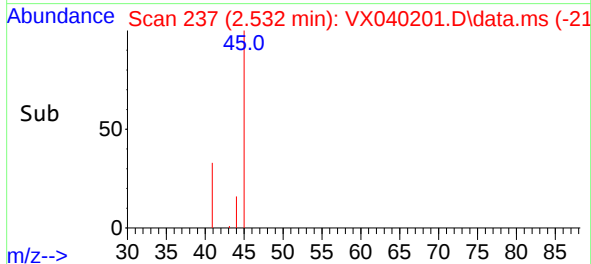
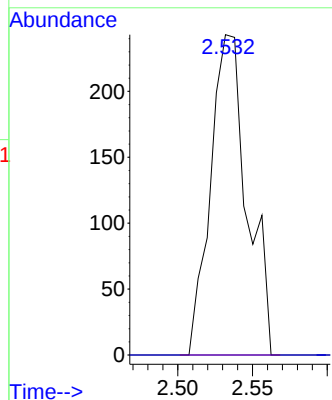
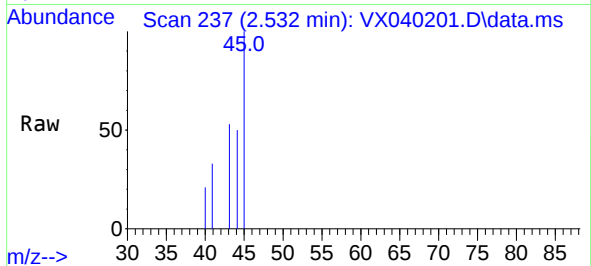




#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.171 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

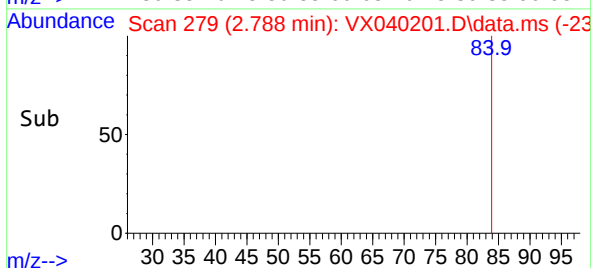
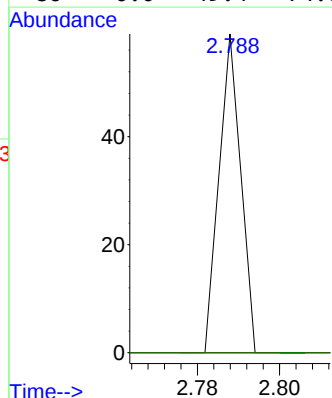
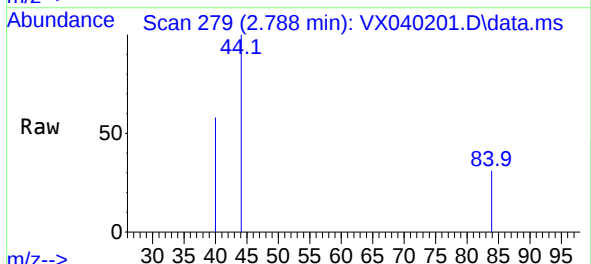
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720

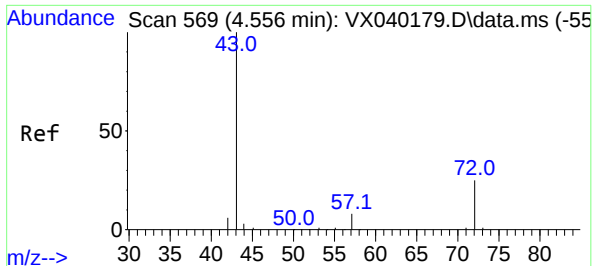
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Tgt Ion: 84 Resp: 22
Ion Ratio Lower Upper
84 100
49 0.0 103.6 155.4#
51 0.0 33.8 50.6#
86 0.0 49.4 74.0#

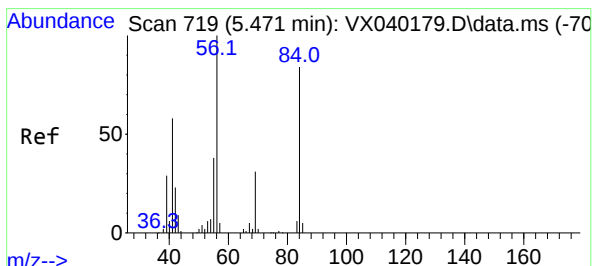
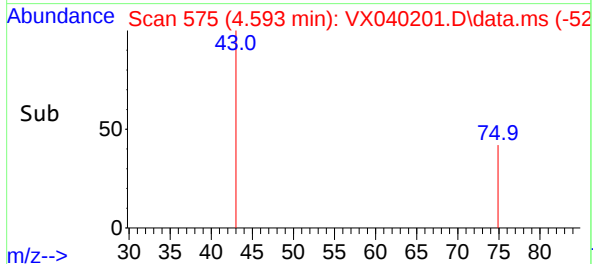
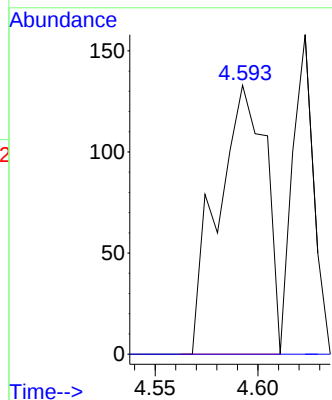
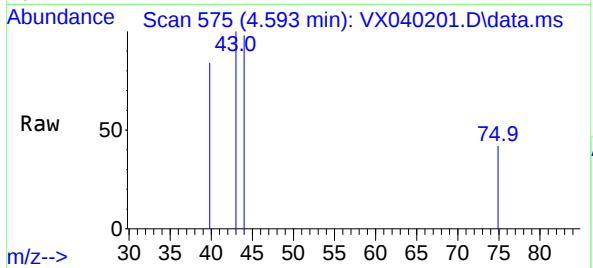




#25
2-Butanone
Concen: 0.292 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

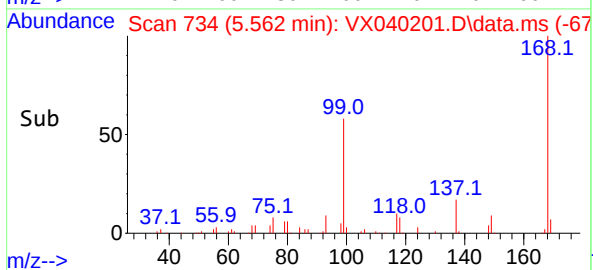
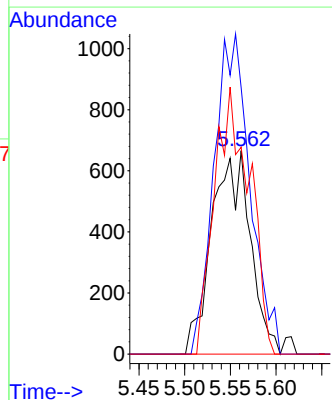
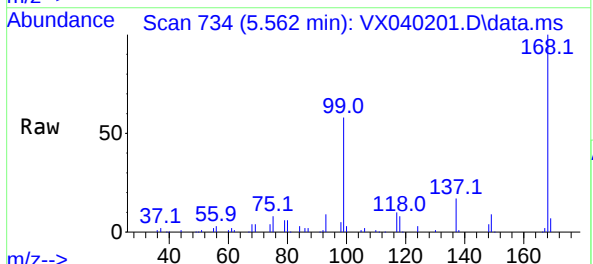
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720

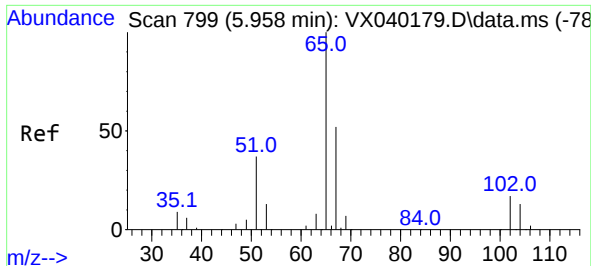
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.411 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Tgt Ion: 56 Resp: 1936
Ion Ratio Lower Upper
56 100
69 130.9 23.4 35.2#
84 101.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.472 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040201.D

Acq: 12 Feb 2024 15:51

Instrument :

MSVOA_X

ClientSampleId :

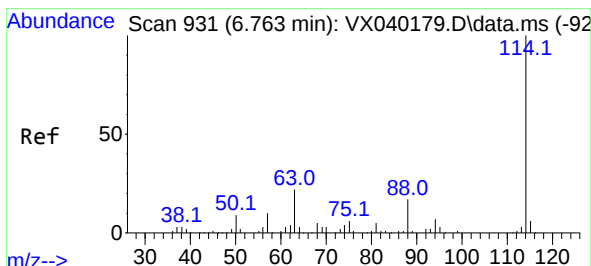
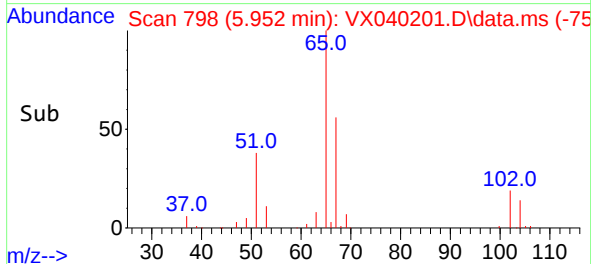
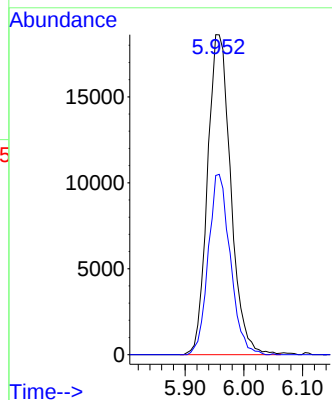
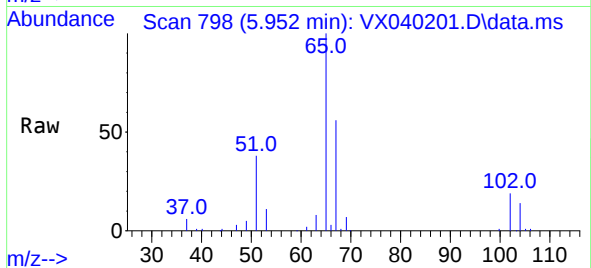
BP-VPB-191-GW-718-720

Tgt Ion: 65 Resp: 51158

Ion Ratio Lower Upper

65 100

67 53.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040201.D

Acq: 12 Feb 2024 15:51

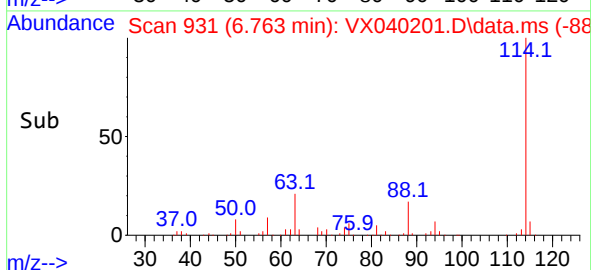
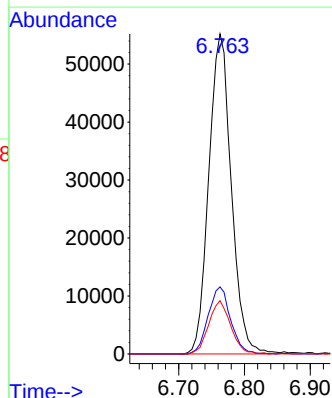
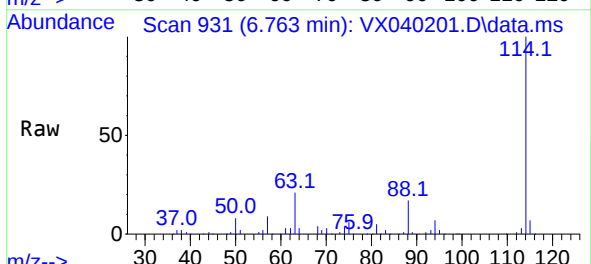
Tgt Ion:114 Resp: 131384

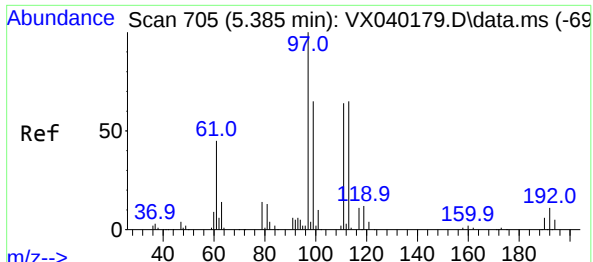
Ion Ratio Lower Upper

114 100

63 21.0 0.0 45.0

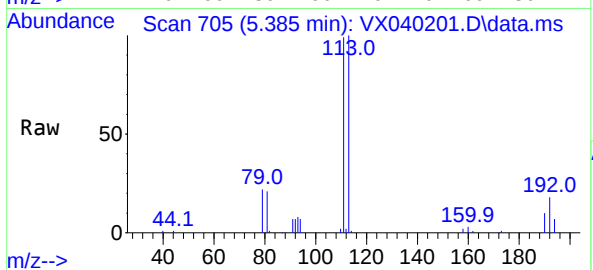
88 16.6 0.0 36.6





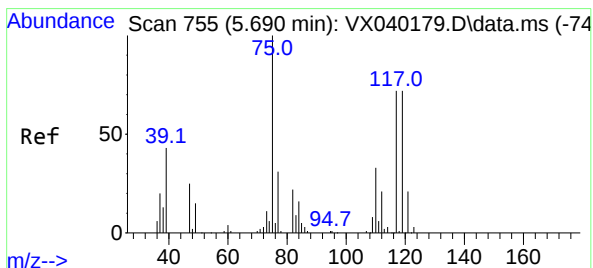
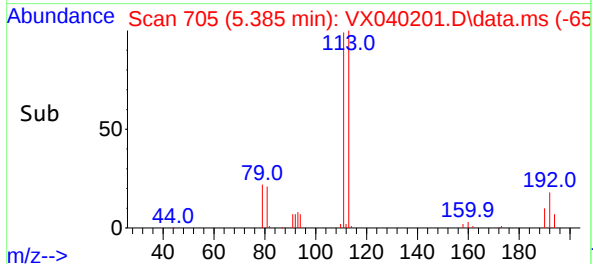
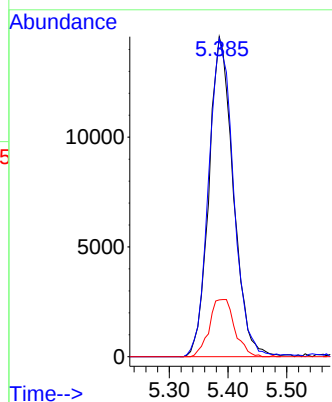
#35
Dibromofluoromethane
Concen: 45.734 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720



Tgt Ion:113 Resp: 41962

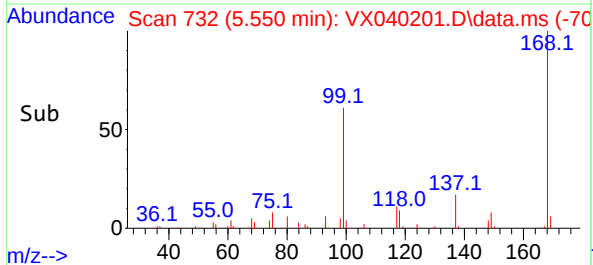
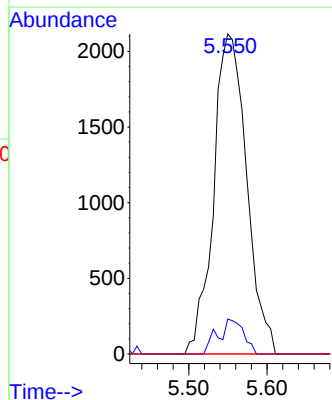
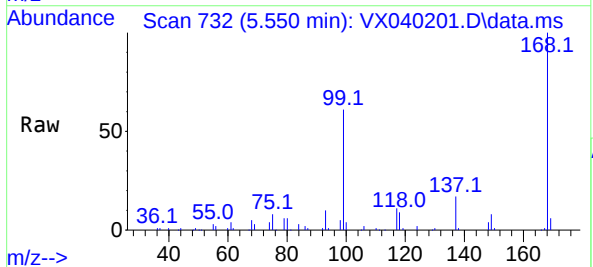
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	18.5	13.3	19.9

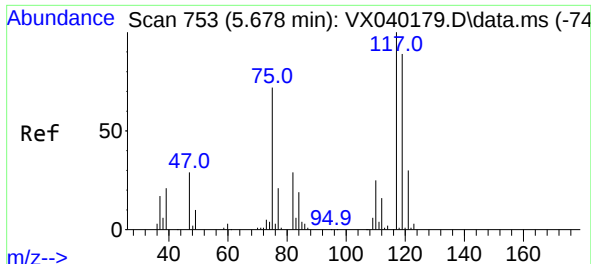


#36
1,1-Dichloropropene
Concen: 4.815 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Tgt Ion: 75 Resp: 6189

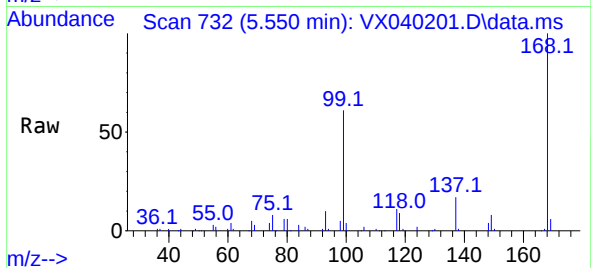
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.0	50.9#
77	0.0	24.7	37.1#



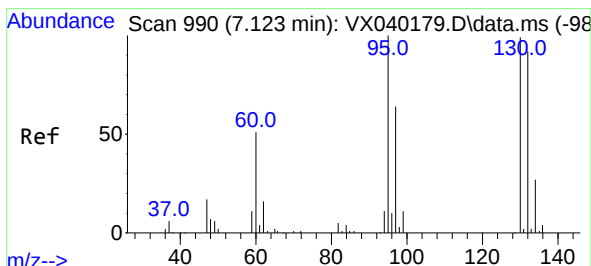
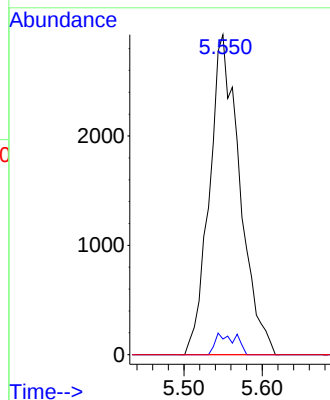
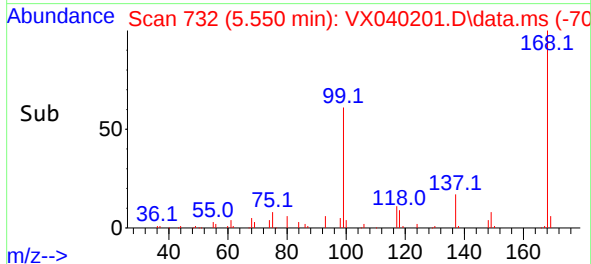


#38
Carbon Tetrachloride
Concen: 6.461 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

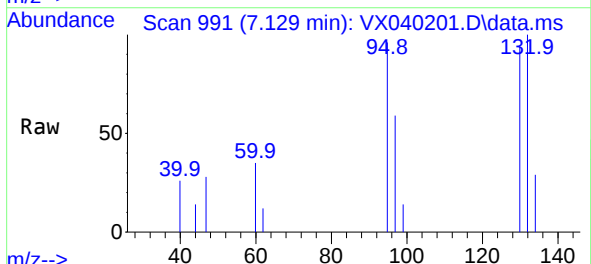
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720



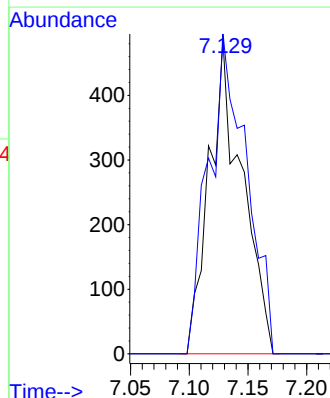
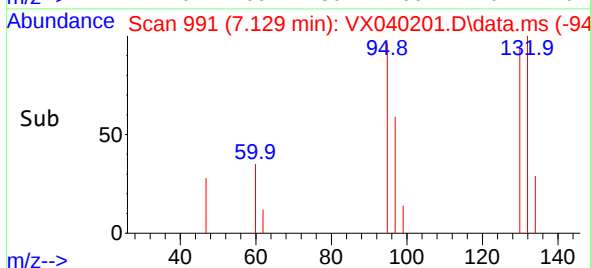
Tgt Ion:117 Resp: 7896
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#

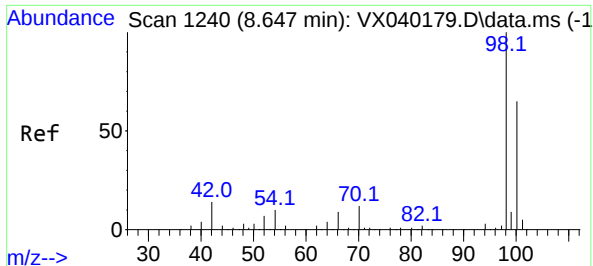


#44
Trichloroethene
Concen: 0.957 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51



Tgt Ion:130 Resp: 949
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.4





#50

Toluene-d8

Concen: 46.842 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX040201.D

Acq: 12 Feb 2024 15:51

Instrument :

MSVOA_X

ClientSampleId :

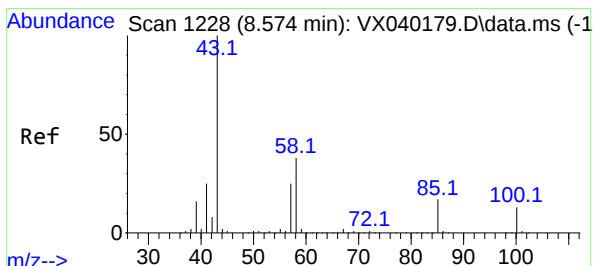
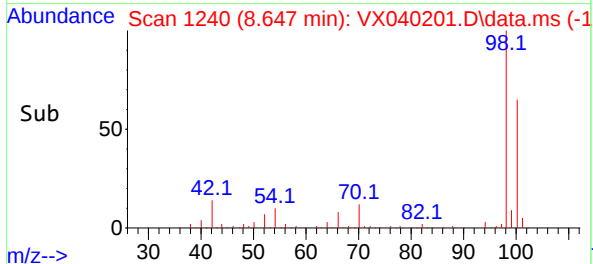
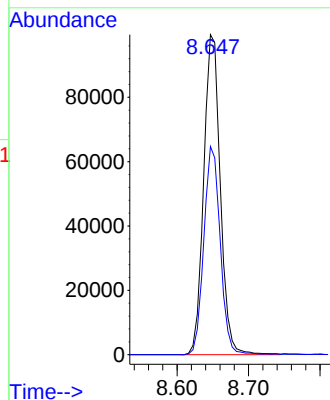
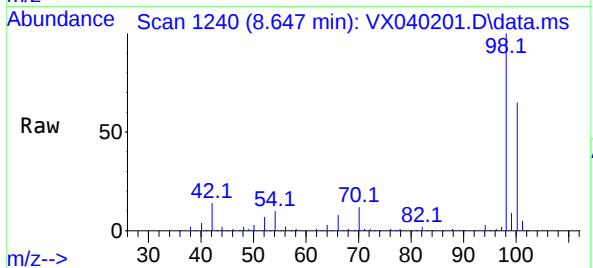
BP-VPB-191-GW-718-720

Tgt Ion: 98 Resp: 160768

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.482 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX040201.D

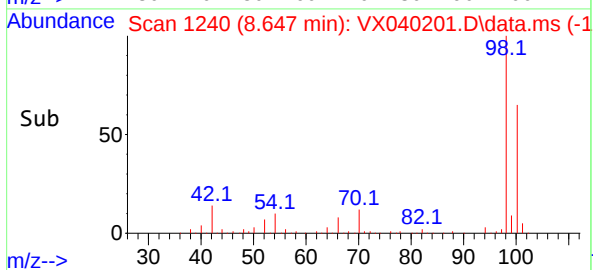
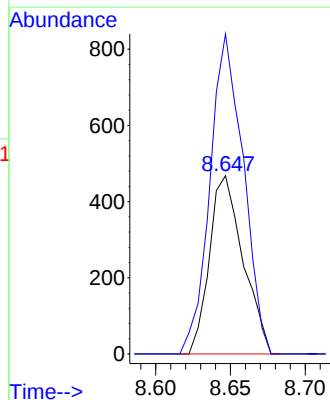
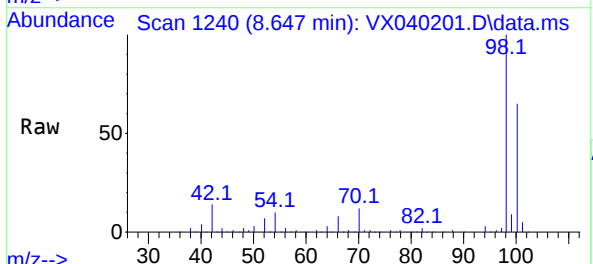
Acq: 12 Feb 2024 15:51

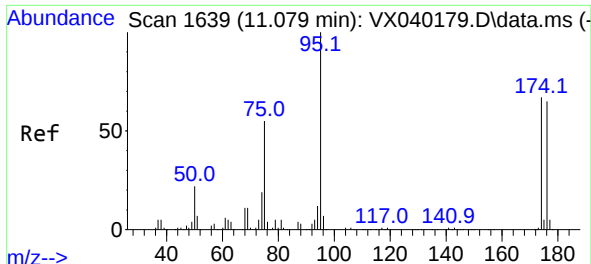
Tgt Ion: 43 Resp: 734

Ion Ratio Lower Upper

43 100

58 177.2 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 46.766 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040201.D

Acq: 12 Feb 2024 15:51

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-718-720

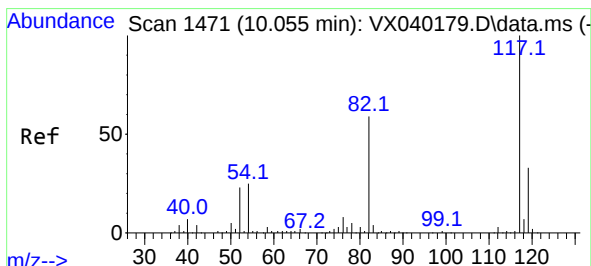
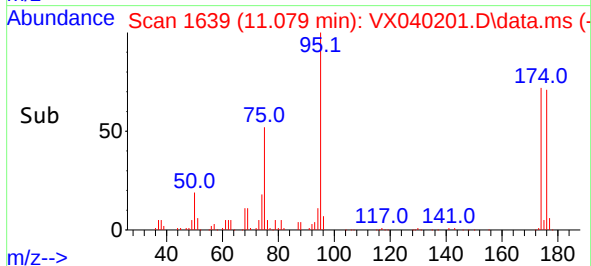
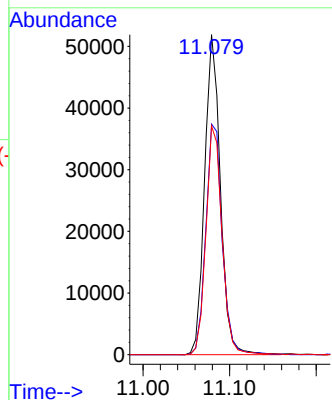
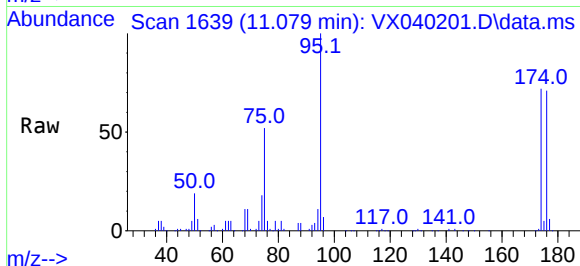
Tgt Ion: 95 Resp: 65462

Ion Ratio Lower Upper

95 100

174 75.3 0.0 135.6

176 73.1 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: VX040201.D

Acq: 12 Feb 2024 15:51

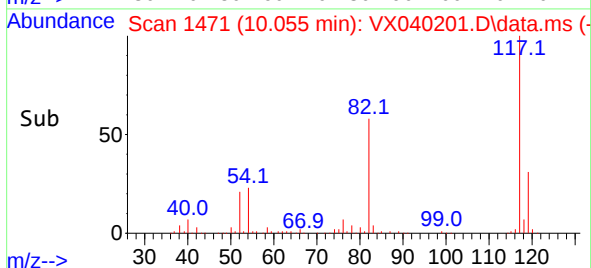
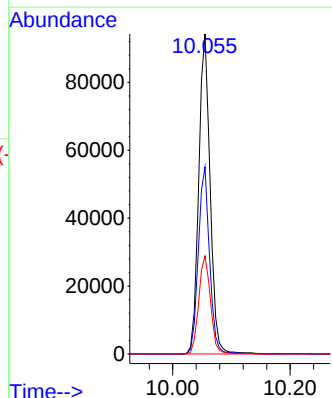
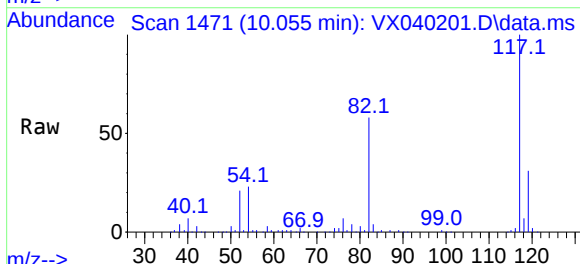
Tgt Ion: 117 Resp: 127271

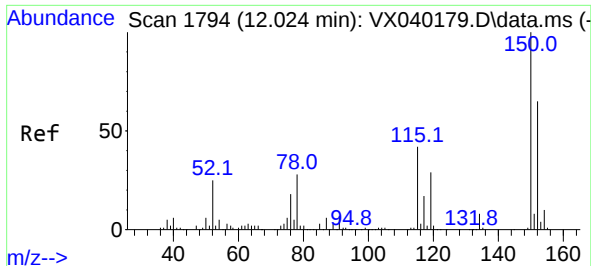
Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

119 30.6 25.5 38.3

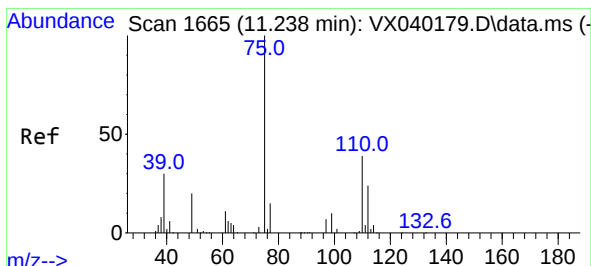
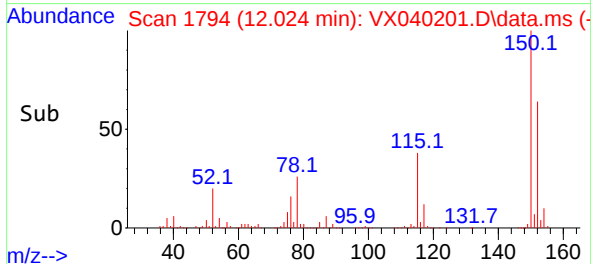
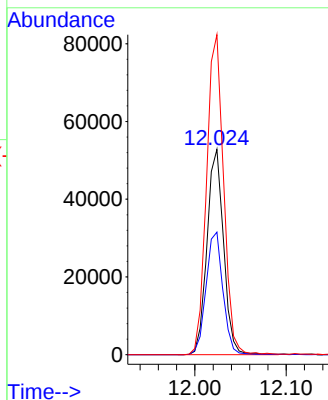
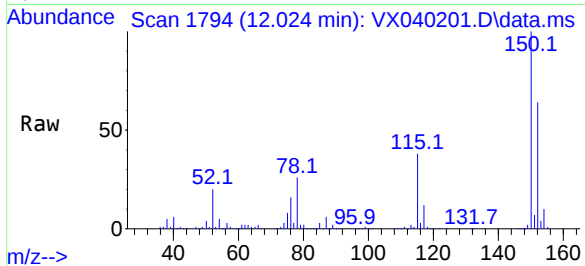




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

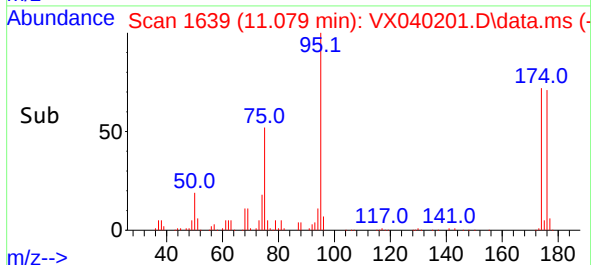
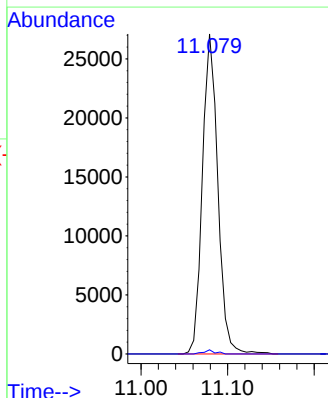
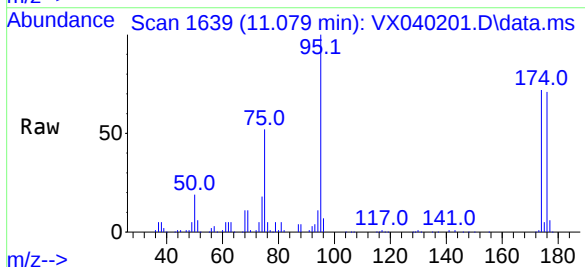
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720

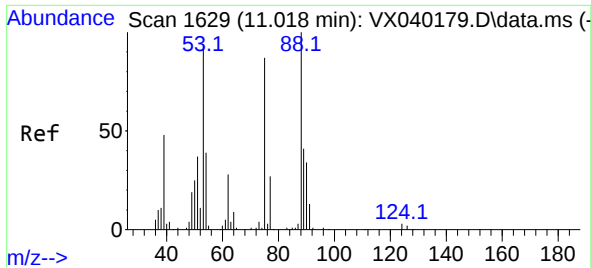
Tgt Ion:152 Resp: 66498
Ion Ratio Lower Upper
152 100
115 60.9 43.3 129.9
150 159.7 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 24.922 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Tgt Ion: 75 Resp: 33560
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 68.565 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040201.D
Acq: 12 Feb 2024 15:51

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-718-720

Tgt Ion: 75 Resp: 33560
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

