

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070524\
 Data File : VX042207.D
 Acq On : 05 Jul 2024 12:35
 Operator : JC/MD
 Sample : P3167-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-785-787

Quant Time: Jul 05 23:20:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

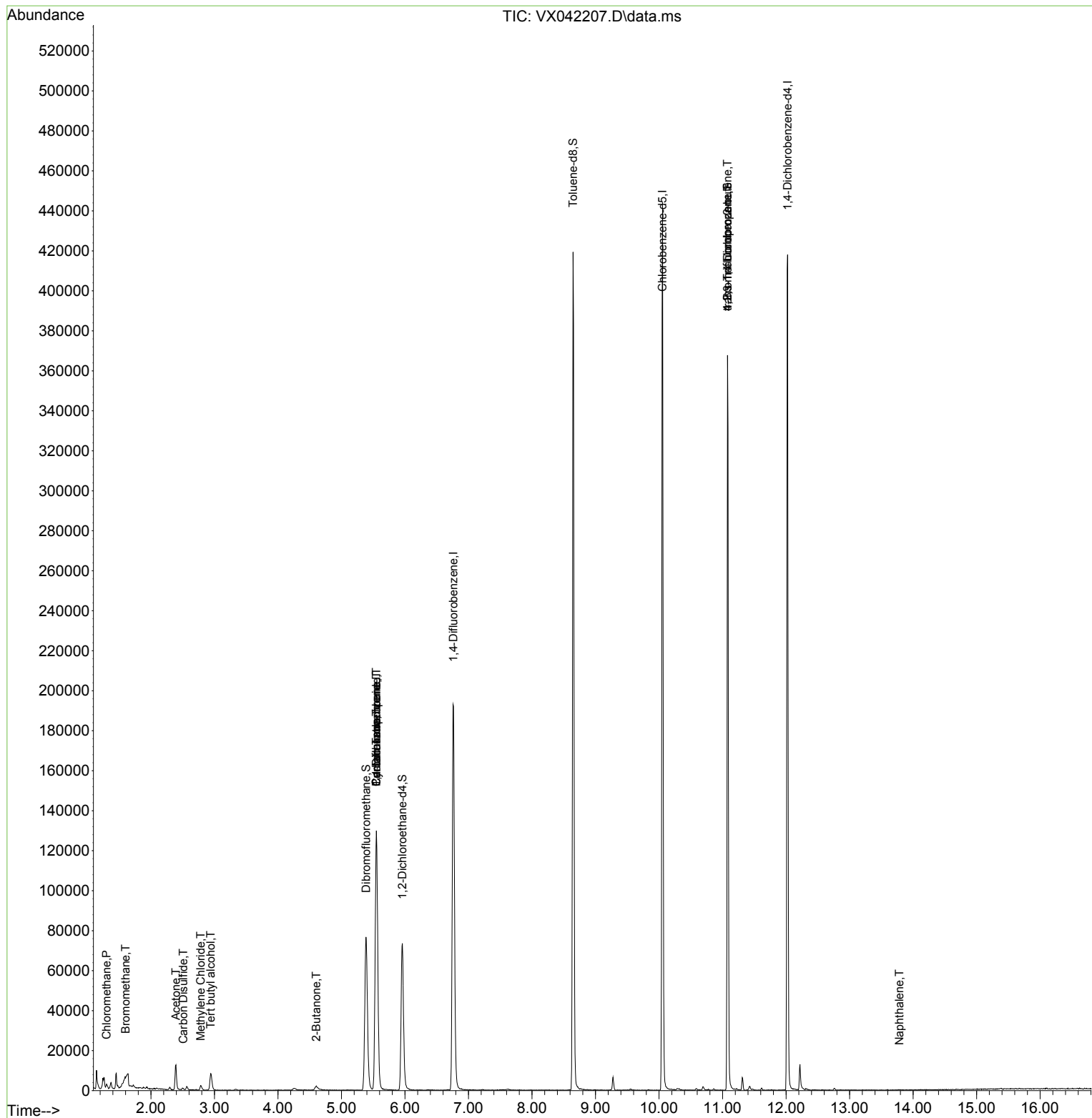
Internal Standards						
1) Pentafluorobenzene	5.550	168	144769	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	220890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70837	42.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.860%
35) Dibromofluoromethane	5.385	113	68435	43.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.320%
50) Toluene-d8	8.647	98	259607	47.149	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.300%
62) 4-Bromofluorobenzene	11.079	95	97677	48.124	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.240%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	2205	1.594	ug/l	96
5) Bromomethane	1.599	94	314	0.458	ug/l	# 67
6) Chloroethane	1.673	64	262	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	5178	16.344	ug/l	# 78
16) Acetone	2.392	43	13625	18.587	ug/l	# 84
17) Carbon Disulfide	2.508	76	1297	0.509	ug/l	# 76
20) Methylene Chloride	2.782	84	1334	0.831	ug/l	# 74
25) 2-Butanone	4.605	43	1976	1.733	ug/l	# 85
31) Cyclohexane	5.550	56	1912	0.979	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8312	4.994	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	12012	6.532	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	44868	23.574	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	44868	66.947	ug/l	# 5
95) Naphthalene	13.786	128	408	0.801	ug/l	# 69

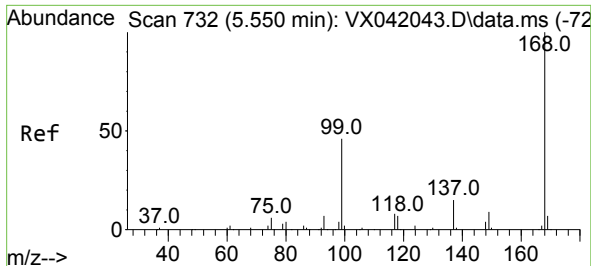
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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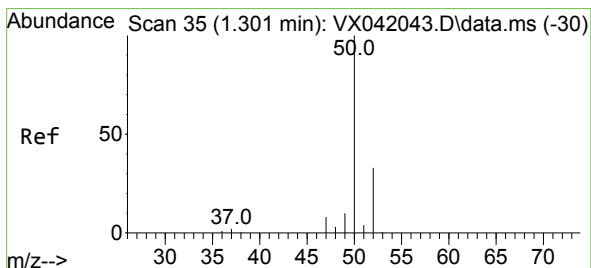
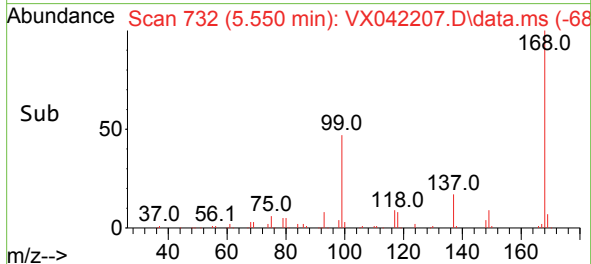
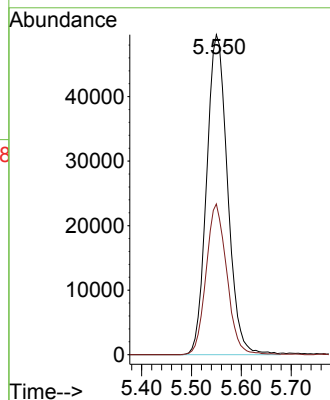
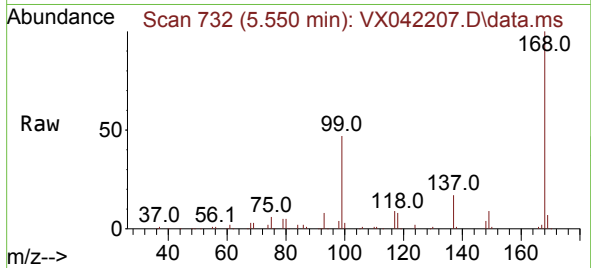




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

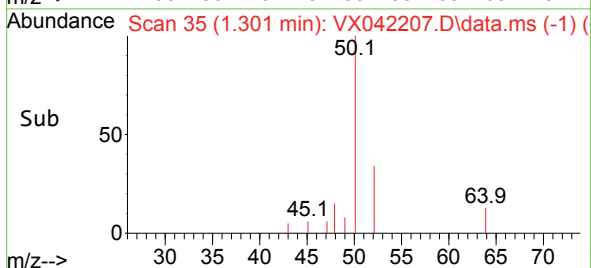
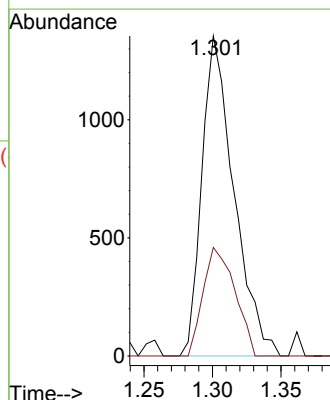
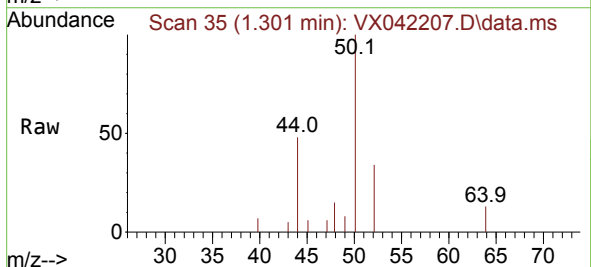
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-785-787

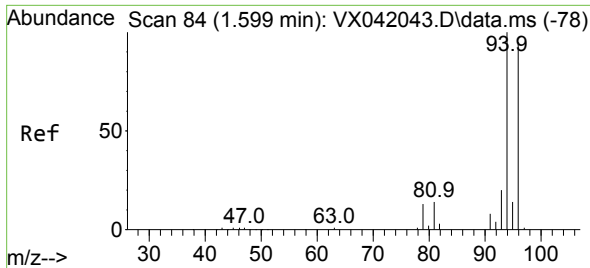
Tgt Ion:168 Resp: 144769
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#3
Chloromethane
Concen: 1.594 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 50 Resp: 2205
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3

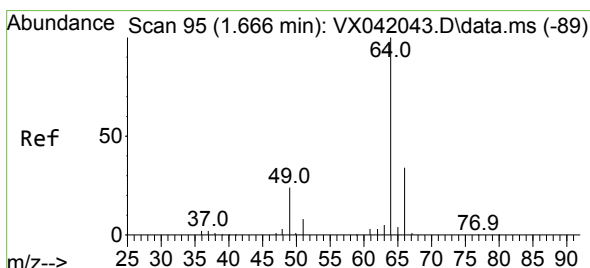
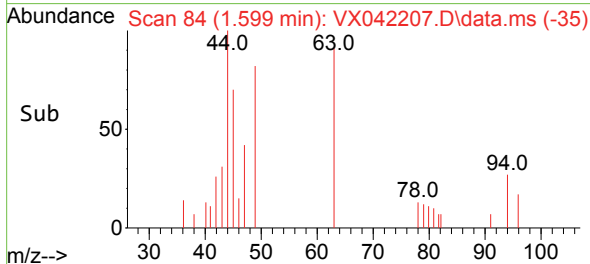
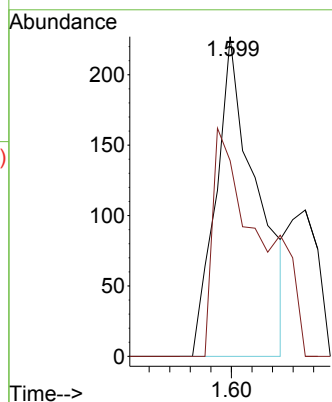
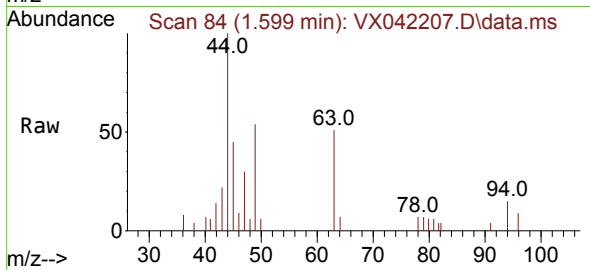




#5
Bromomethane
Concen: 0.458 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

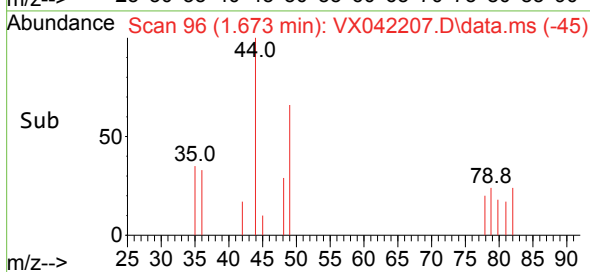
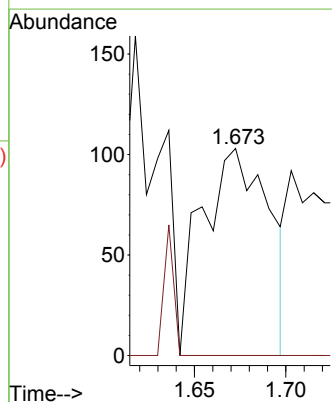
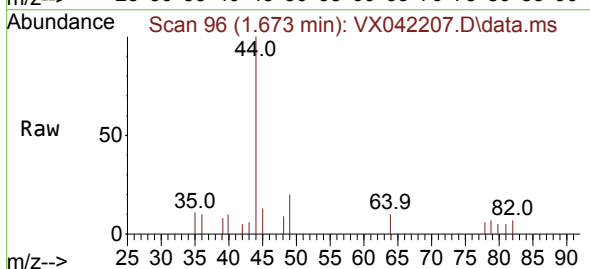
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-785-787

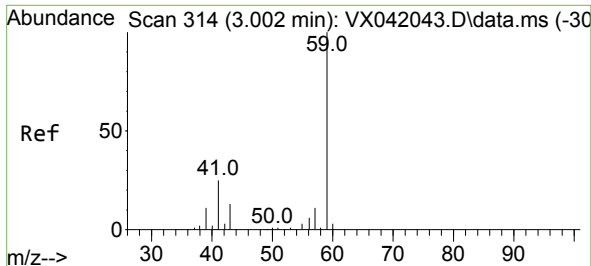
Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 61.2 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 96
Delta R.T. 0.013 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 64 Resp: 262
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

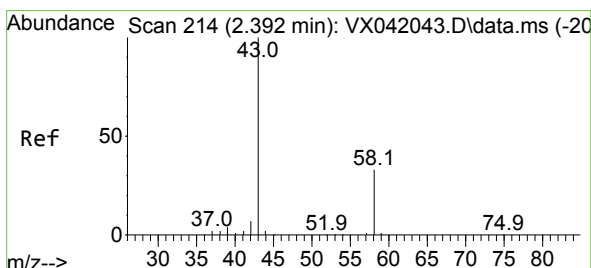
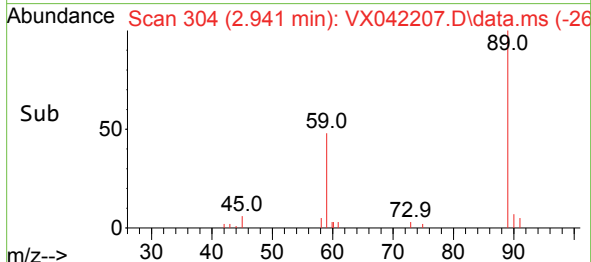
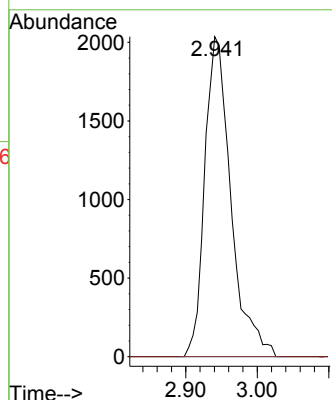
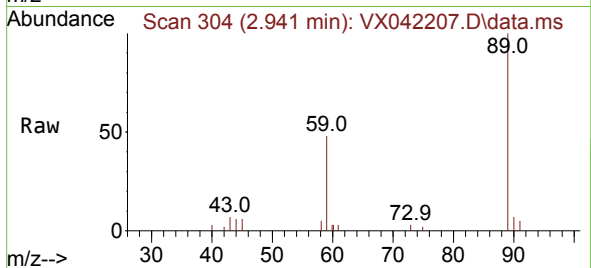




#11
Tert butyl alcohol
Concen: 16.344 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.067 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

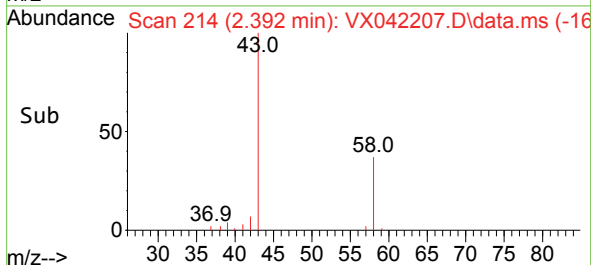
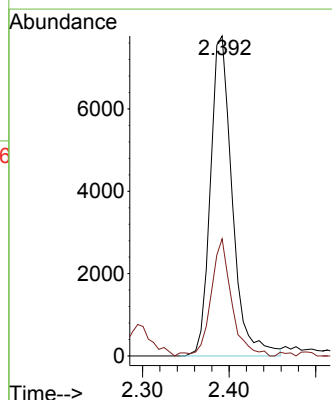
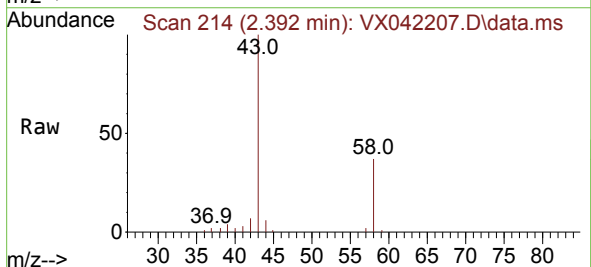
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-785-787

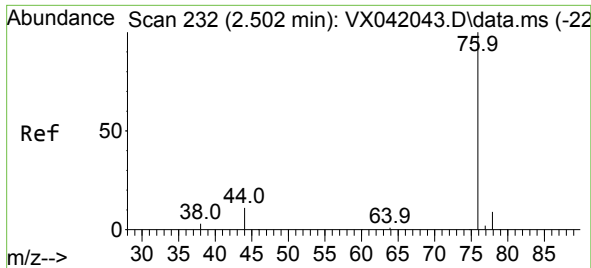
Tgt Ion: 59 Resp: 5178
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 18.587 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 43 Resp: 13625
Ion Ratio Lower Upper
43 100
58 35.7 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.509 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX042207.D

Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

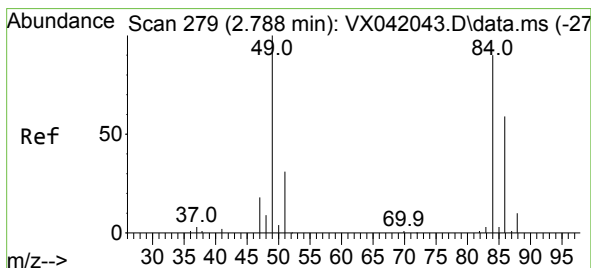
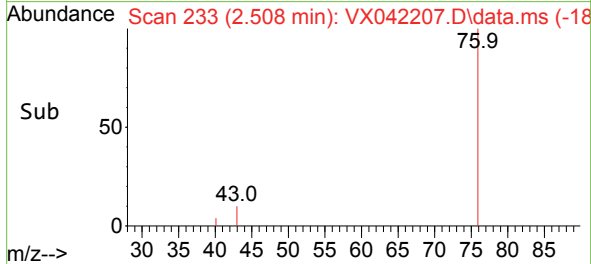
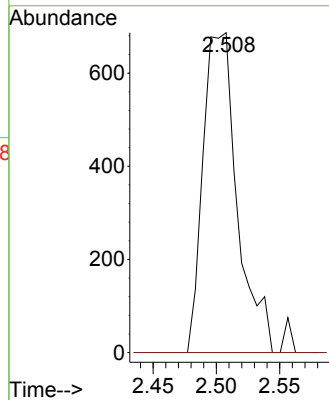
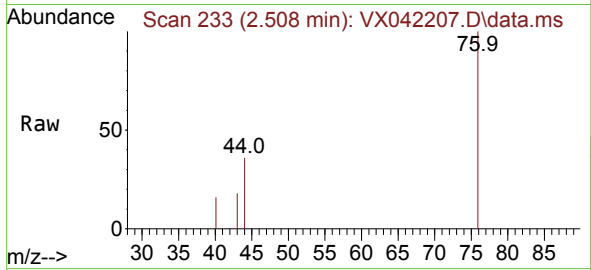
BP-VPB-196-GW-785-787

Tgt Ion: 76 Resp: 1297

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.831 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX042207.D

Acq: 05 Jul 2024 12:35

Tgt Ion: 84 Resp: 1334

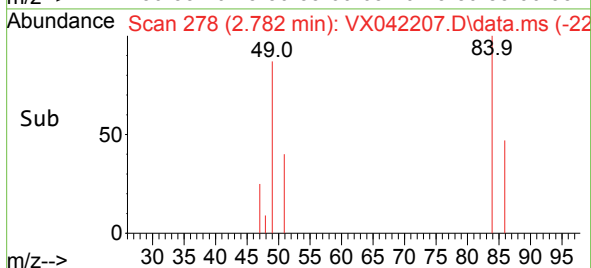
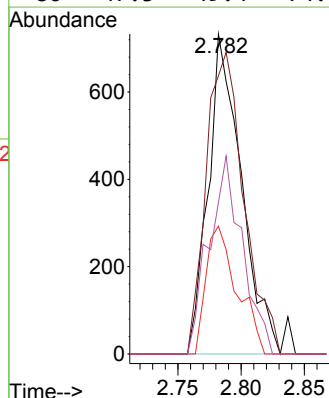
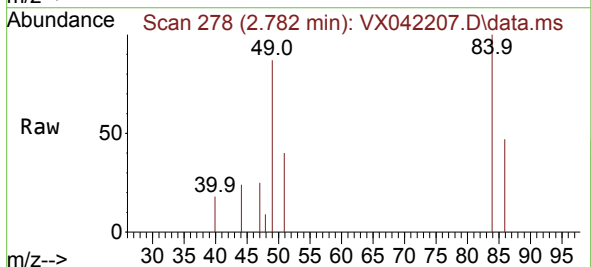
Ion Ratio Lower Upper

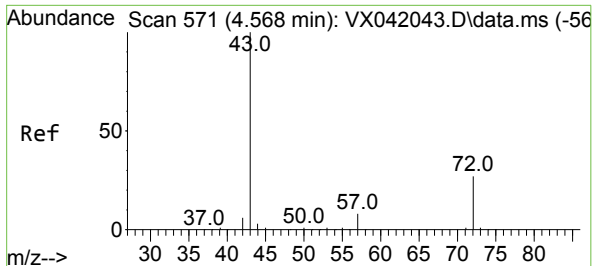
84 100

49 86.9 103.6 155.4#

51 40.0 33.8 50.6

86 47.3 49.4 74.0#

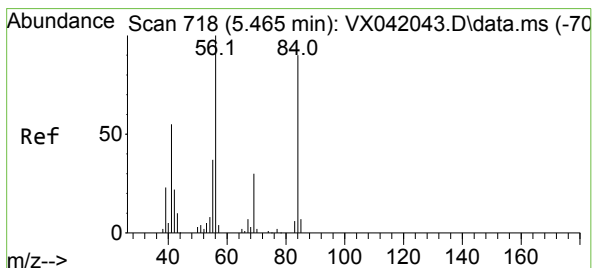
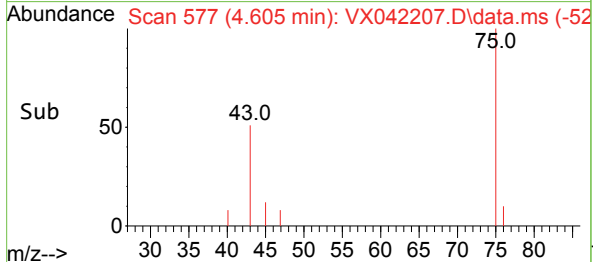
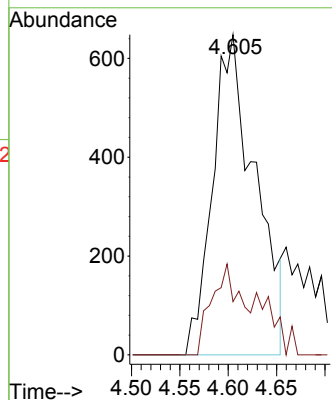
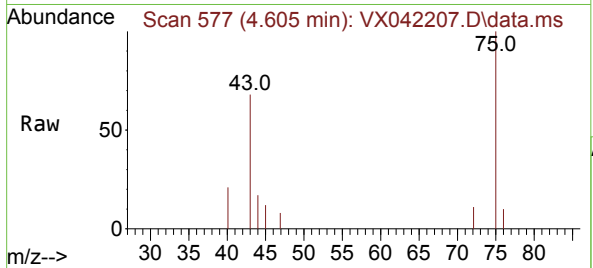




#25
2-Butanone
Concen: 1.733 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

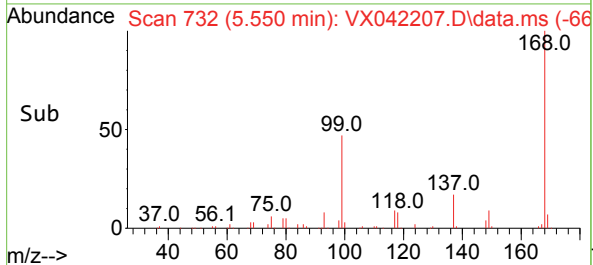
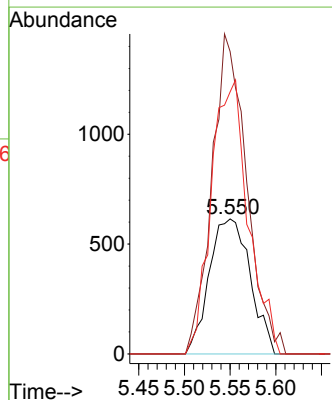
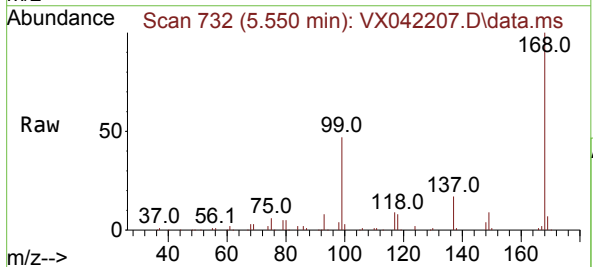
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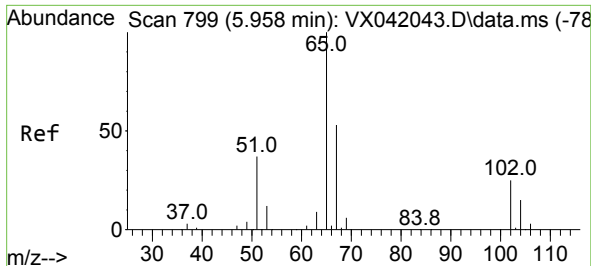
Tgt Ion: 43 Resp: 1976
Ion Ratio Lower Upper
43 100
72 16.7 19.4 29.2#



#31
Cyclohexane
Concen: 0.979 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 56 Resp: 1912
Ion Ratio Lower Upper
56 100
69 223.9 23.4 35.2#
84 194.0 65.9 98.9#

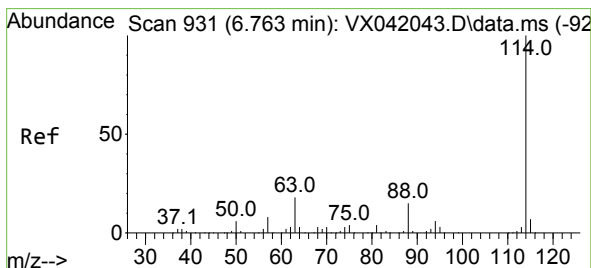
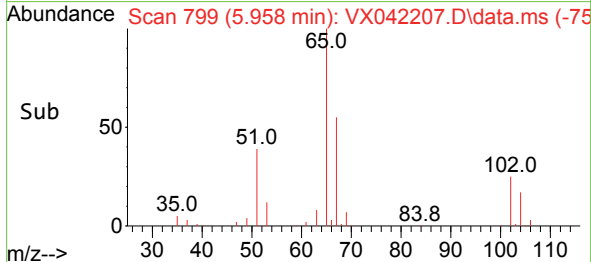
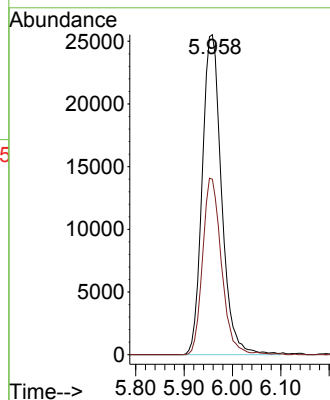
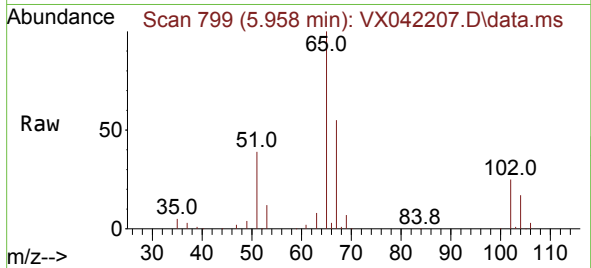




#33
1,2-Dichloroethane-d4
Concen: 42.433 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

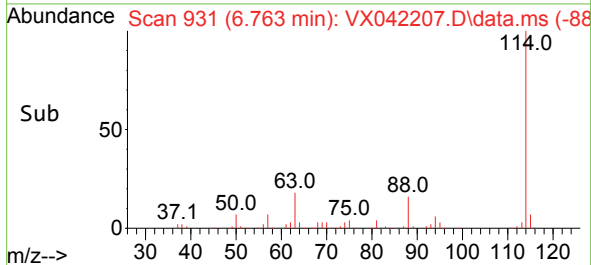
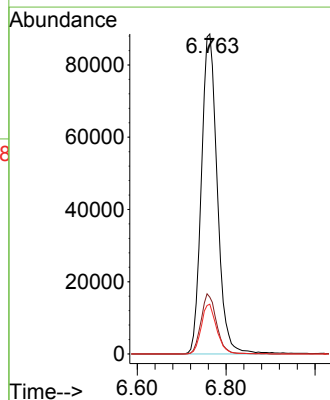
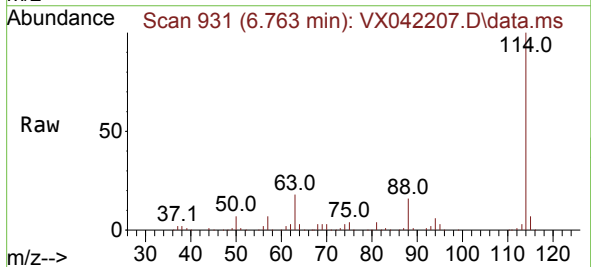
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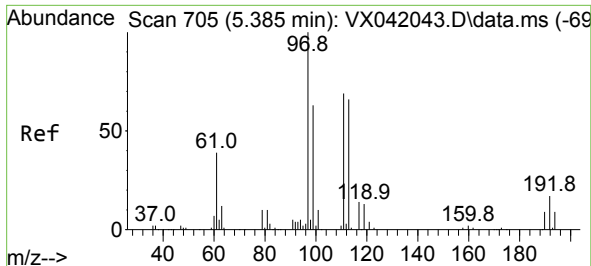
Tgt Ion: 65 Resp: 70837
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 114 Resp: 220890
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.6 0.0 36.6

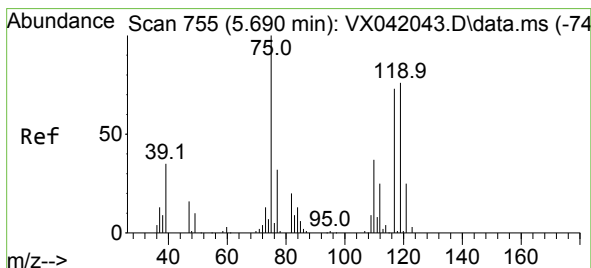
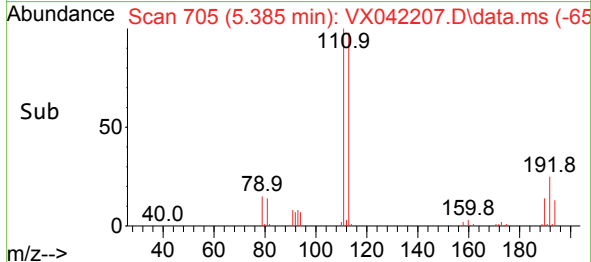
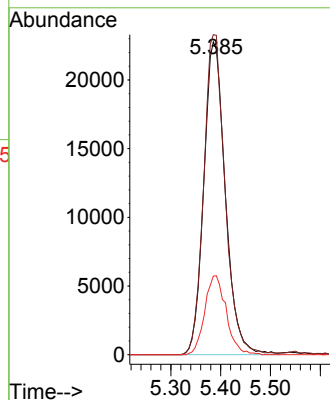
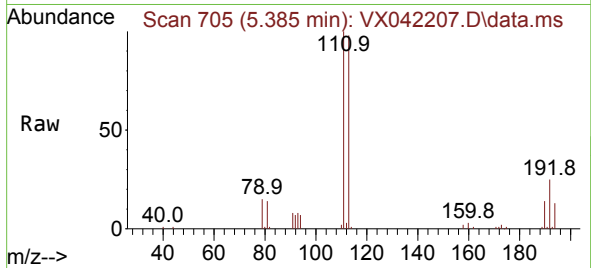




#35
Dibromofluoromethane
Concen: 43.663 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

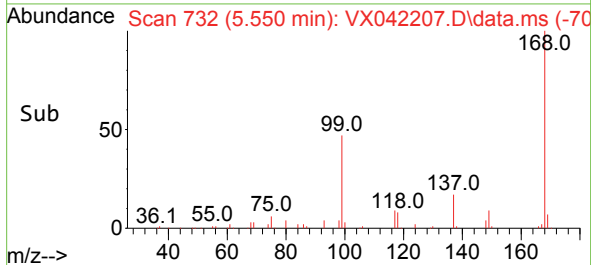
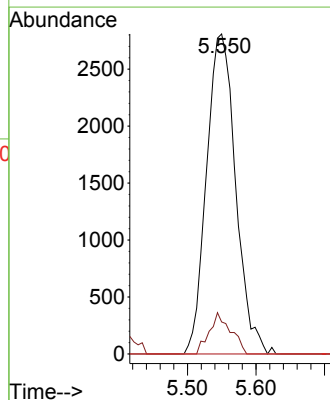
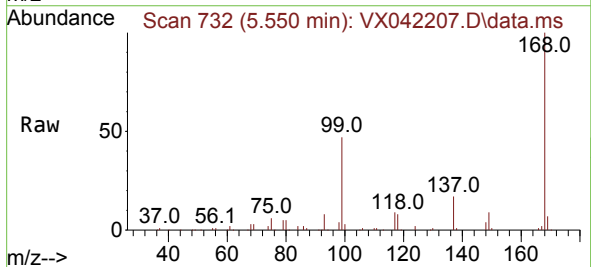
Instrument :
MSVOA_X
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BP-VPB-196-GW-785-787

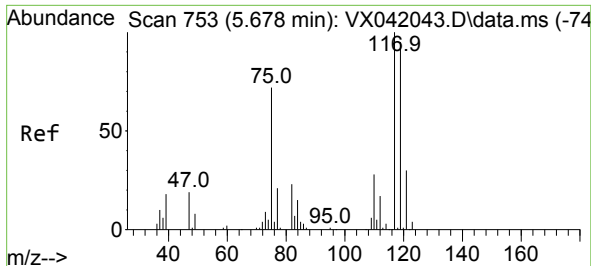
Tgt Ion:113 Resp: 68435
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.1 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

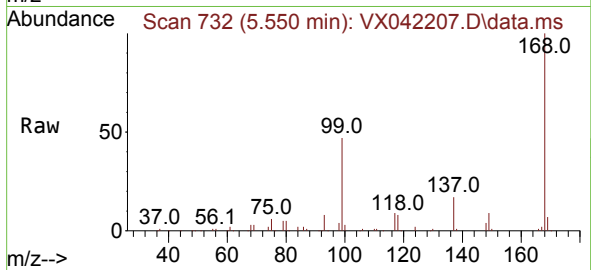
Tgt Ion: 75 Resp: 8312
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



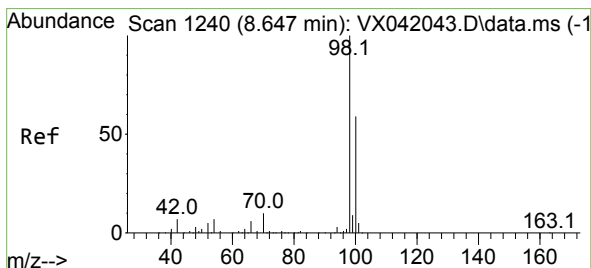
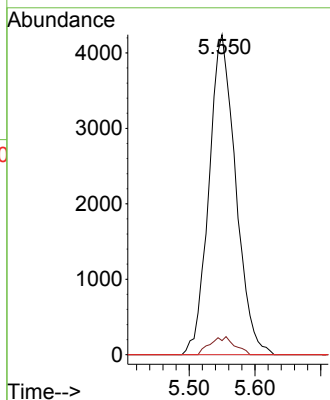
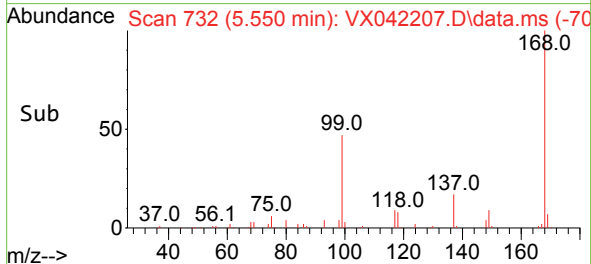


#38
Carbon Tetrachloride
Concen: 6.532 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-785-787

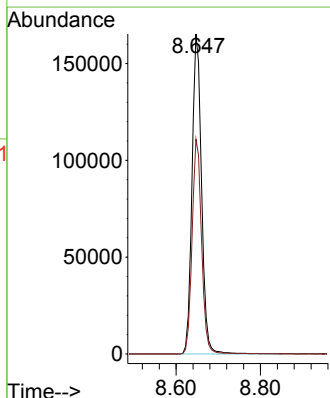
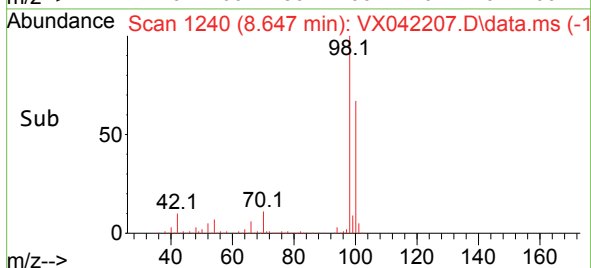
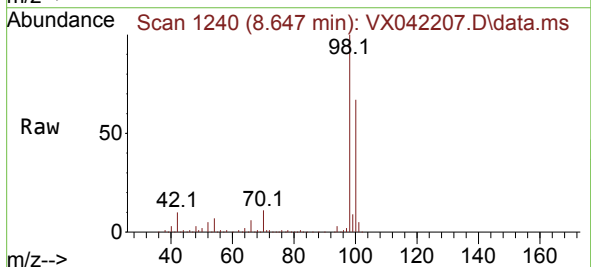


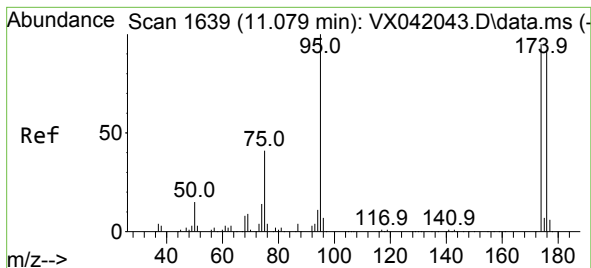
Tgt Ion:117 Resp: 12012
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.149 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 98 Resp: 259607
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.124 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042207.D

Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-785-787

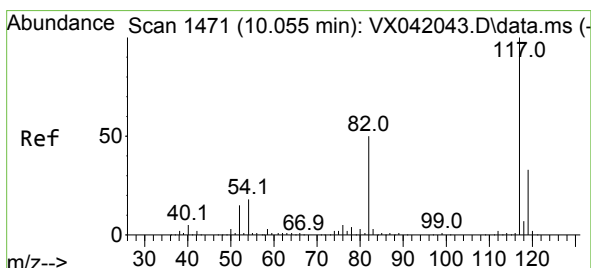
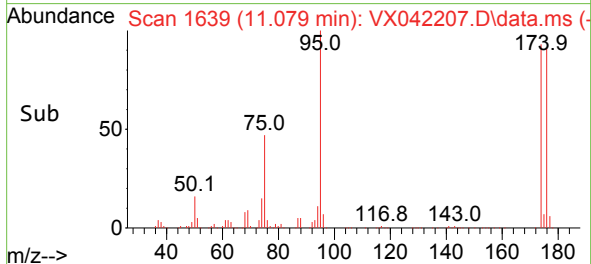
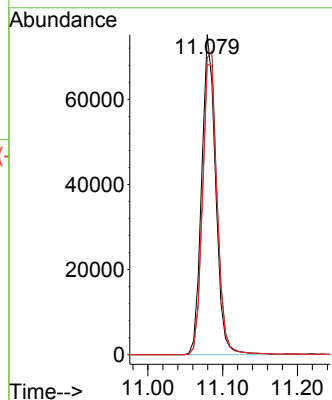
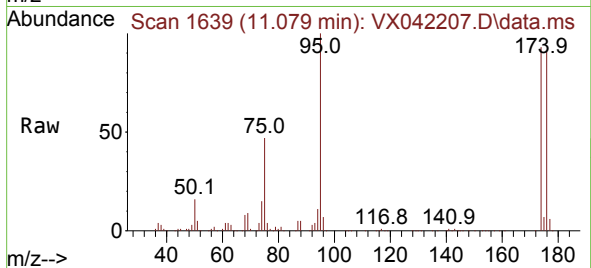
Tgt Ion: 95 Resp: 97677

Ion Ratio Lower Upper

95 100

174 98.4 0.0 135.6

176 95.5 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: VX042207.D

Acq: 05 Jul 2024 12:35

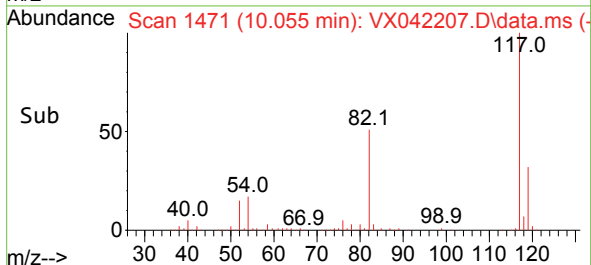
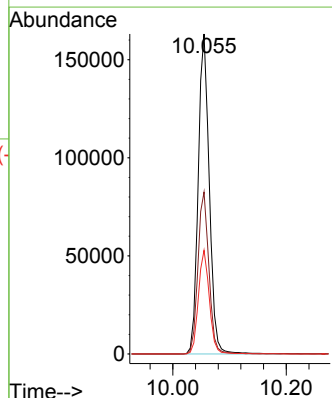
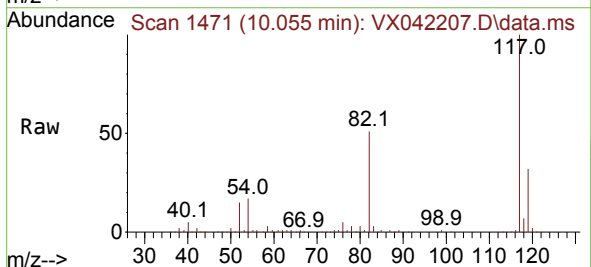
Tgt Ion: 117 Resp: 221186

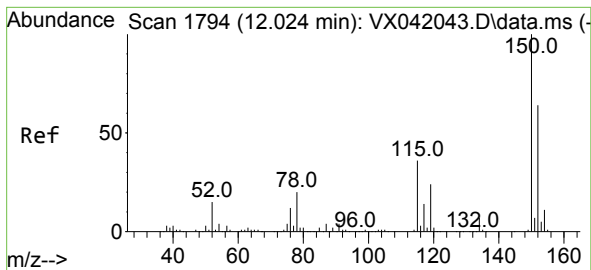
Ion Ratio Lower Upper

117 100

82 50.6 46.2 69.4

119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX042207.D

Acq: 05 Jul 2024 12:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-785-787

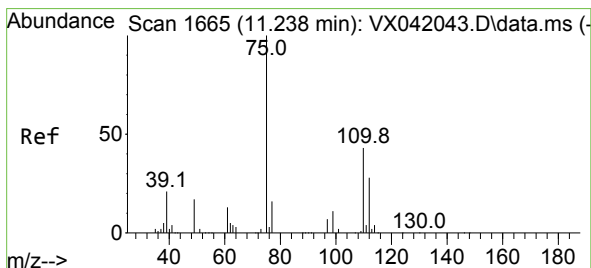
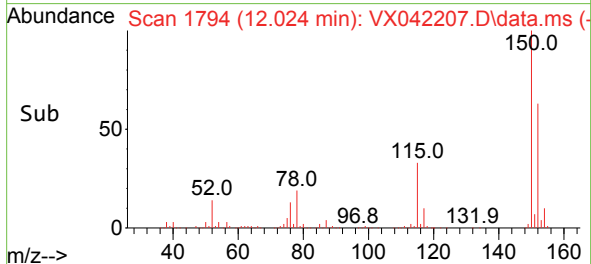
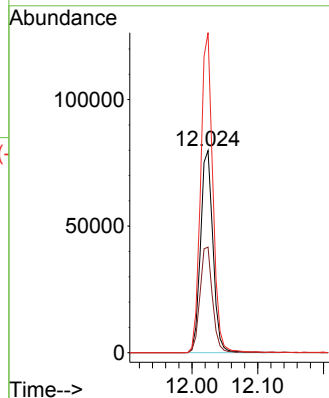
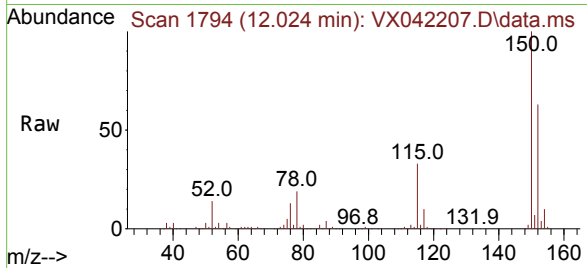
Tgt Ion:152 Resp: 104842

Ion Ratio Lower Upper

152 100

115 52.6 43.3 129.9

150 155.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.574 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042207.D

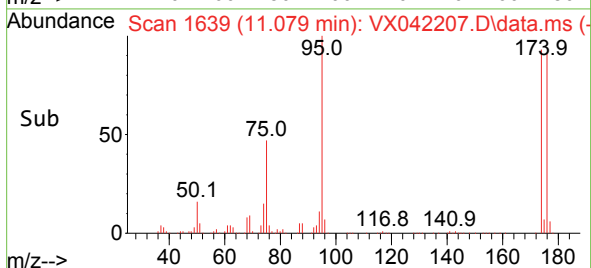
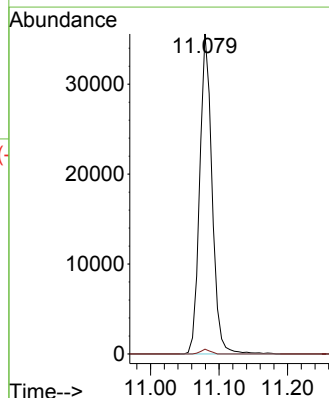
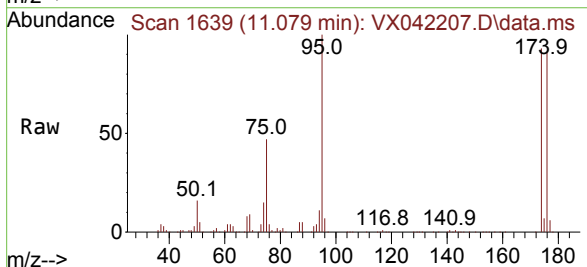
Acq: 05 Jul 2024 12:35

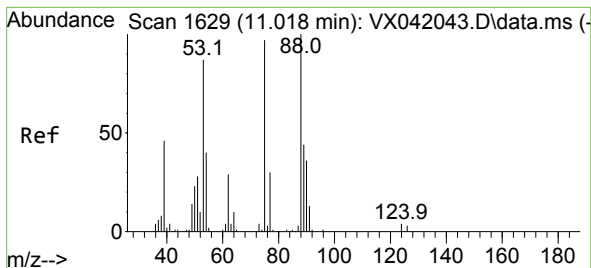
Tgt Ion: 75 Resp: 44868

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

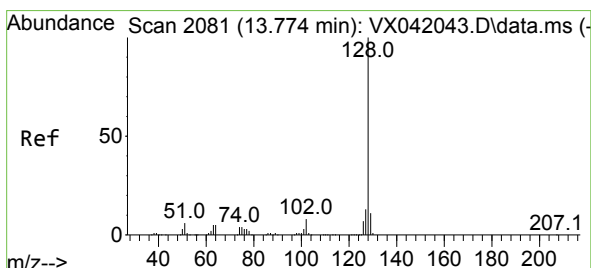
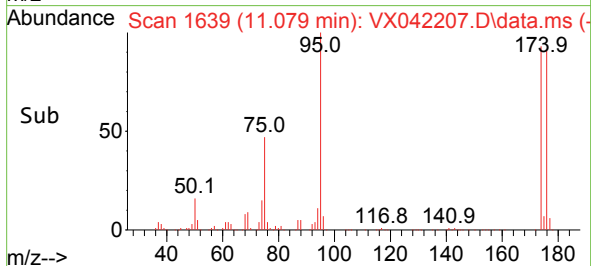
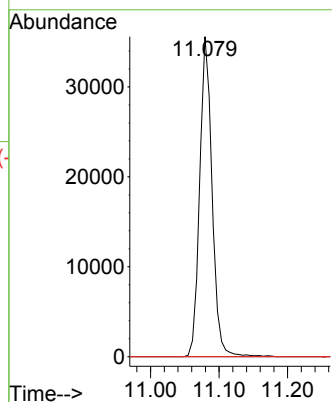
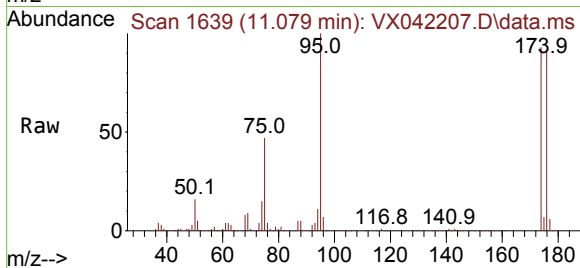




#81
trans-1,4-Dichloro-2-butene
Concen: 66.947 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-785-787

Tgt Ion: 75 Resp: 44868
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.801 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042207.D
Acq: 05 Jul 2024 12:35

Tgt Ion: 128 Resp: 408
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

