

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042136.D
 Acq On : 02 Jul 2024 13:48
 Operator : JC/MD
 Sample : P3143-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-698-700

Quant Time: Jul 03 03:33:25 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)

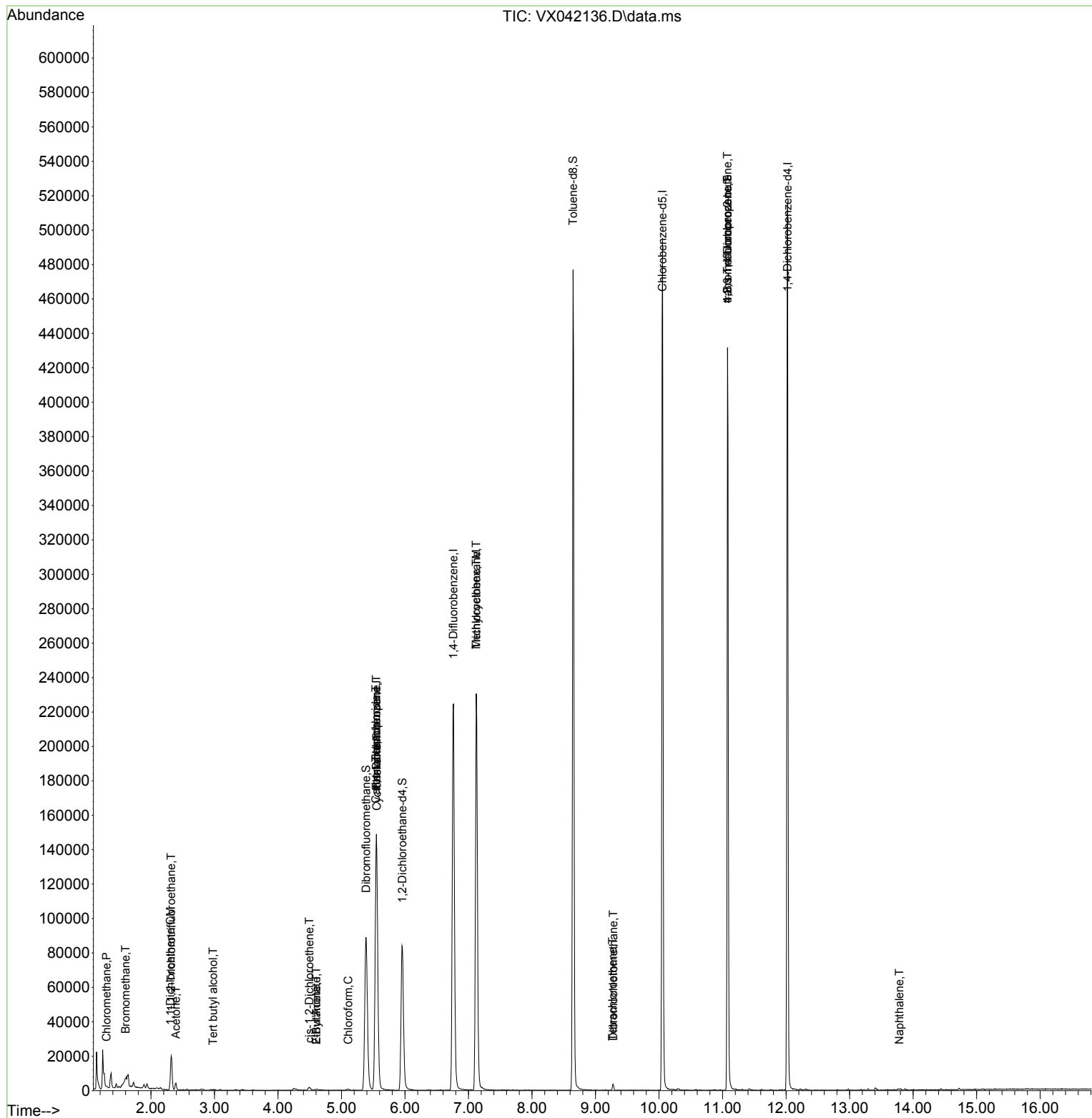
Internal Standards						
1) Pentafluorobenzene	5.550	168	163553	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	254130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81881	43.416	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.840%		
35) Dibromofluoromethane	5.385	113	79575	44.130	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.260%		
50) Toluene-d8	8.647	98	293718	46.367	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.740%		
62) 4-Bromofluorobenzene	11.079	95	112379	48.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.260%		
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	607	0.388	ug/l #	88
5) Bromomethane	1.599	94	389	0.503	ug/l #	74
6) Chloroethane	1.684	64	718	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.318	101	7290	5.155	ug/l	88
11) Tert butyl alcohol	2.977	59	807	2.255	ug/l #	78
12) 1,1-Dichloroethene	2.306	96	642	0.455	ug/l #	55
16) Acetone	2.392	43	4450	5.374	ug/l #	84
25) 2-Butanone	4.605	43	1746	1.355	ug/l #	84
27) cis-1,2-Dichloroethene	4.495	96	1302	0.726	ug/l	80
30) Chloroform	5.104	83	939	0.340	ug/l	86
31) Cyclohexane	5.556	56	2161	0.980	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9312	4.863	ug/l #	51
37) Ethyl Acetate	4.605	43	1746	0.700	ug/l #	69
38) Carbon Tetrachloride	5.543	117	13609	6.433	ug/l #	15
39) Methylcyclohexane	7.122	83	1055	0.436	ug/l #	1
44) Trichloroethene	7.122	130	101584	58.683	ug/l	85
60) Dibromochloromethane	9.281	129	773	0.415	ug/l #	11
64) Tetrachloroethene	9.268	164	824	0.456	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	51053	22.086	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51053	62.722	ug/l #	5
95) Naphthalene	13.786	128	698	0.823	ug/l #	77

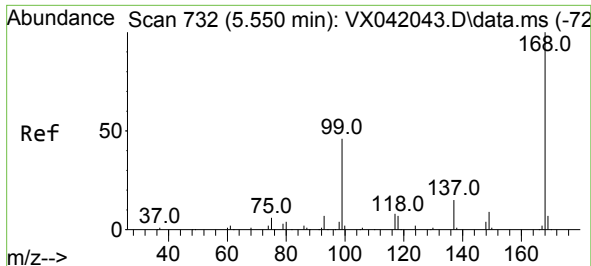
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

Quant Time: Jul 03 03:33:25 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

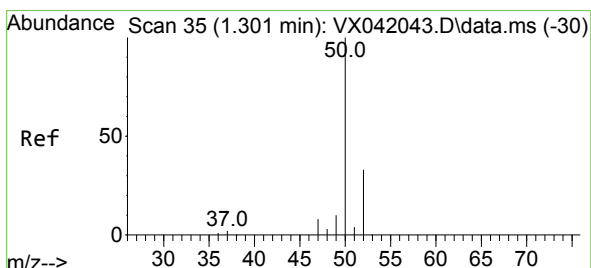
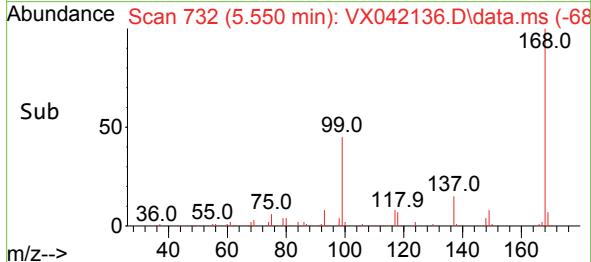
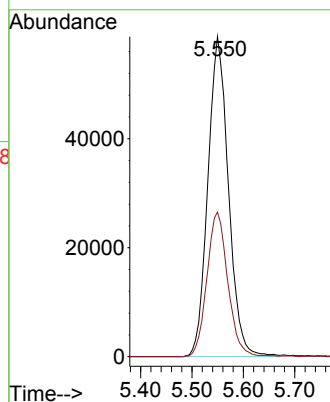
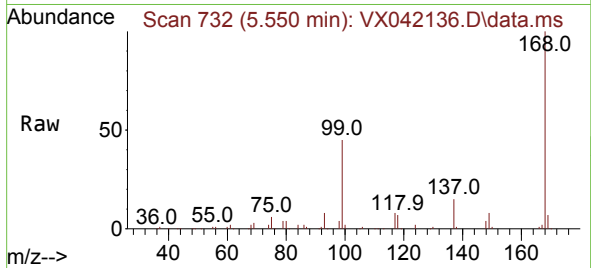




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

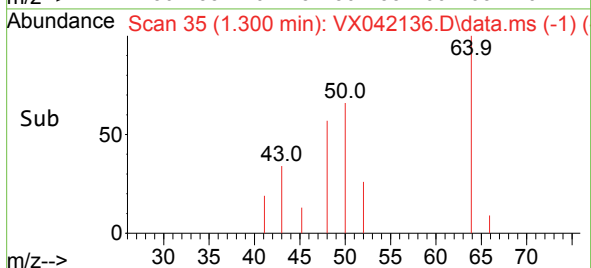
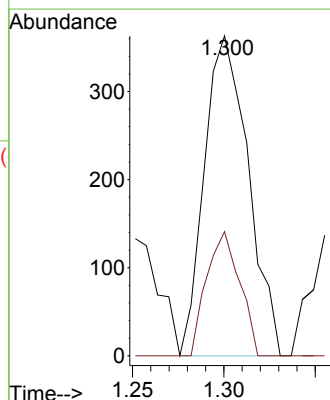
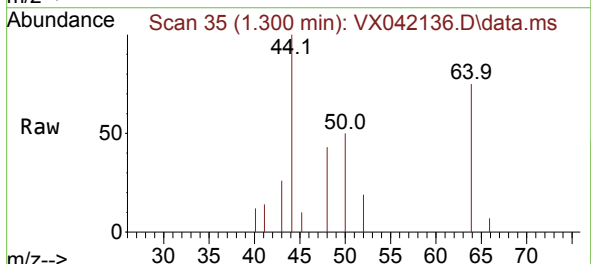
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

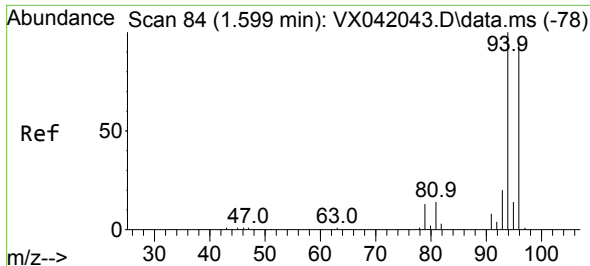
Tgt Ion:168 Resp: 163553
Ion Ratio Lower Upper
168 100
99 45.2 56.6 85.0#



#3
Chloromethane
Concen: 0.388 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 50 Resp: 607
Ion Ratio Lower Upper
50 100
52 38.8 25.5 38.3#

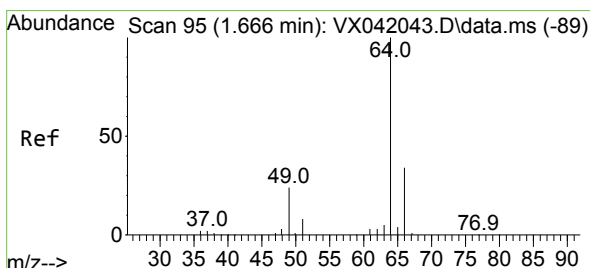
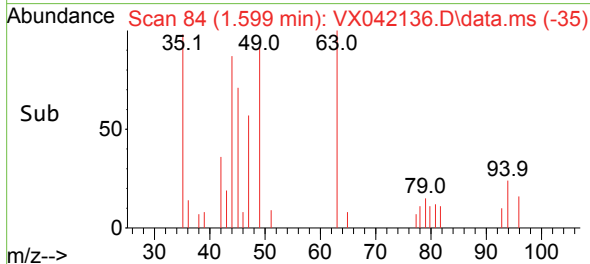
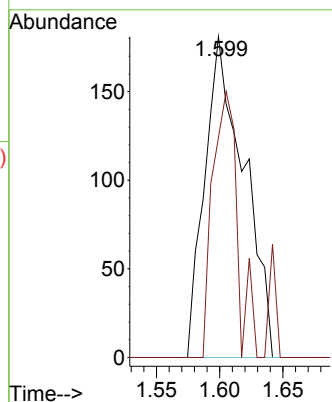
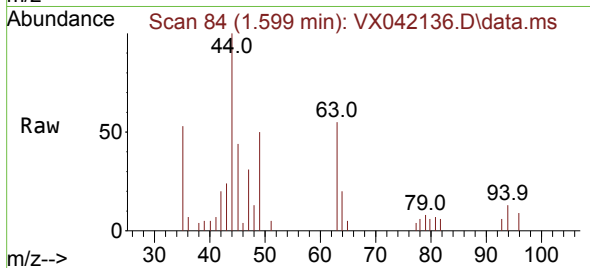




#5
Bromomethane
Concen: 0.503 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

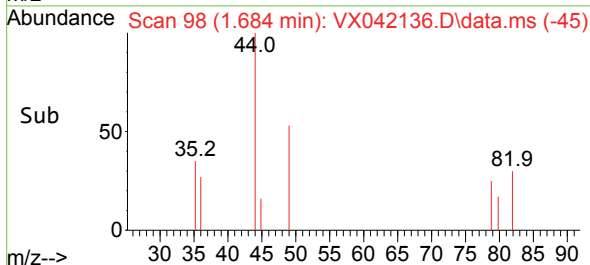
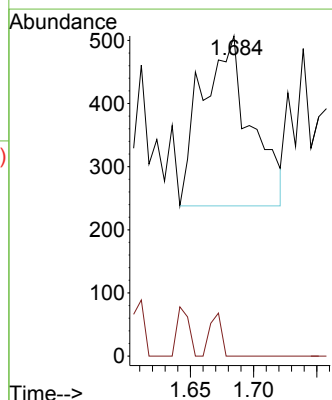
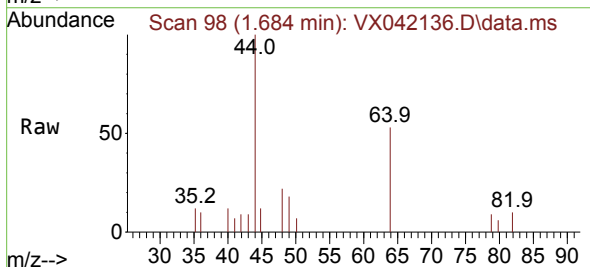
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

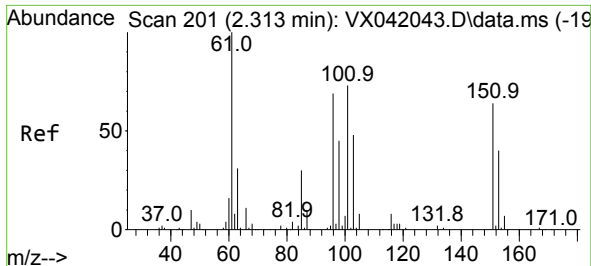
Tgt Ion: 94 Resp: 389
Ion Ratio Lower Upper
94 100
96 68.5 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 98
Delta R.T. 0.024 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 64 Resp: 718
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

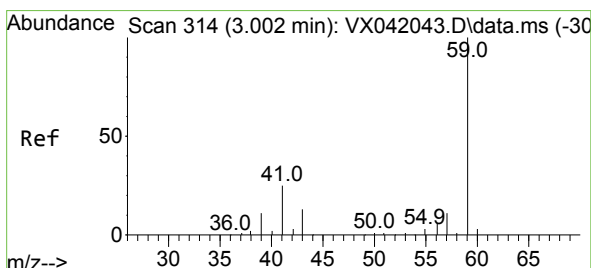
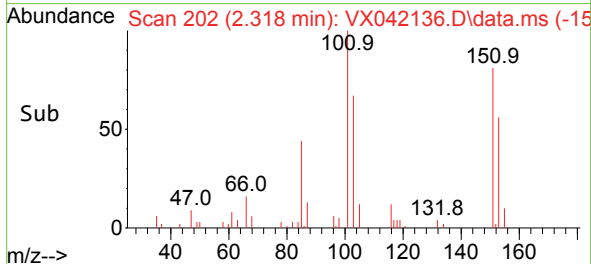
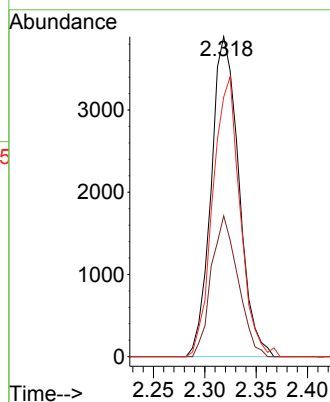
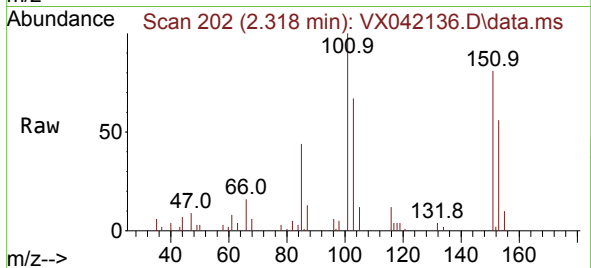




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.155 ug/l
RT: 2.318 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

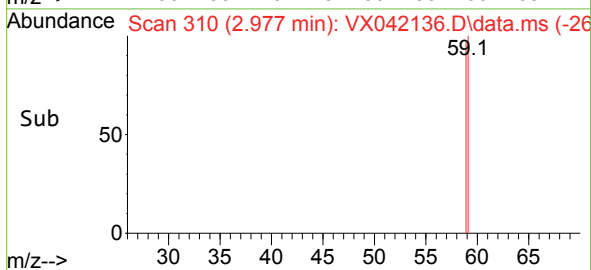
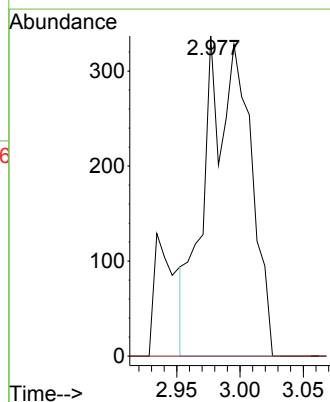
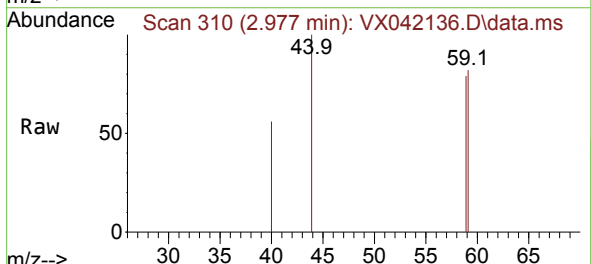
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

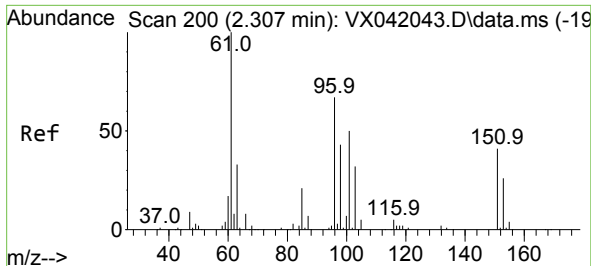
Tgt Ion:101 Resp: 7290
Ion Ratio Lower Upper
101 100
85 42.4 37.0 55.6
151 85.9 58.6 87.8



#11
Tert butyl alcohol
Concen: 2.255 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.031 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 59 Resp: 807
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

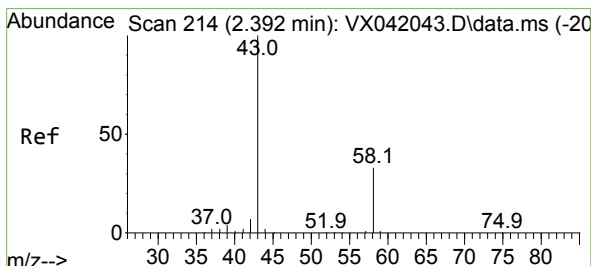
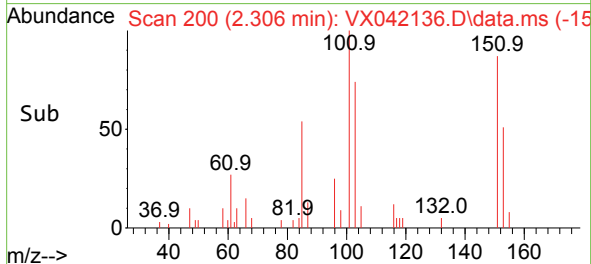
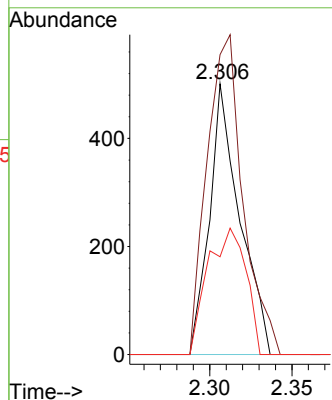
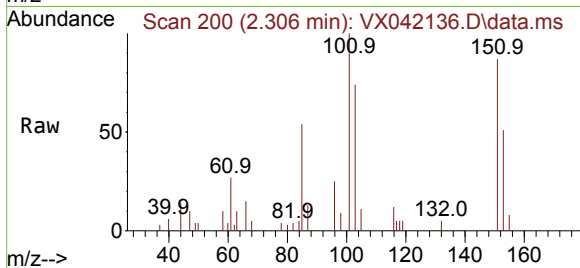




#12
1,1-Dichloroethene
Concen: 0.455 ug/l
RT: 2.306 min Scan# 200
Delta R.T. -0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

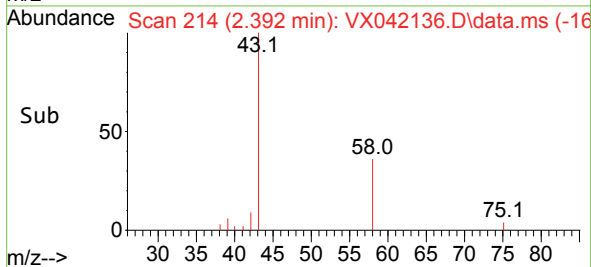
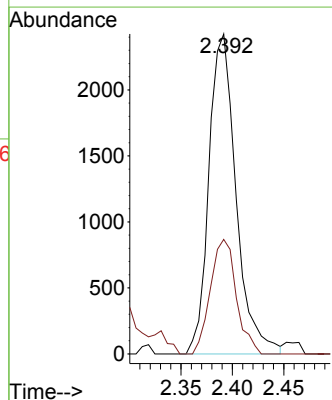
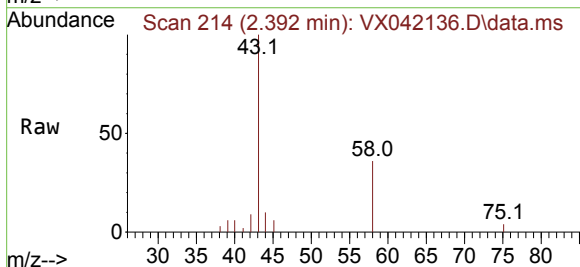
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

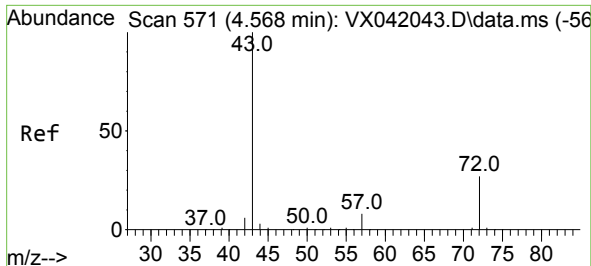
Tgt Ion: 96 Resp: 642
Ion Ratio Lower Upper
96 100
61 110.8 144.6 216.8#
98 36.1 50.4 75.6#



#16
Acetone
Concen: 5.374 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 43 Resp: 4450
Ion Ratio Lower Upper
43 100
58 35.8 21.9 32.9#

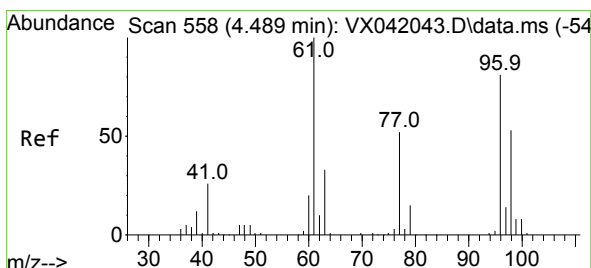
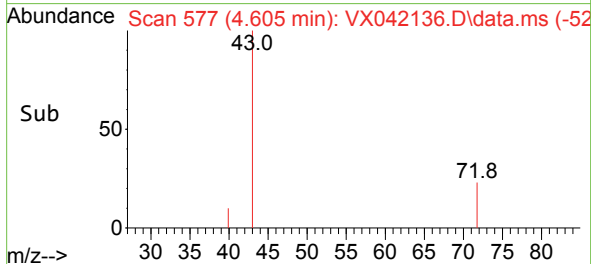
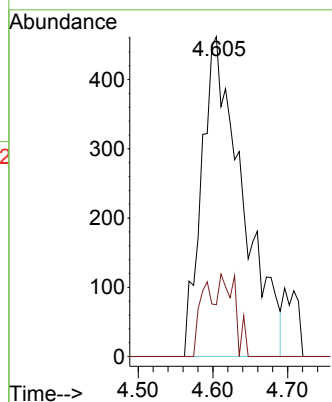
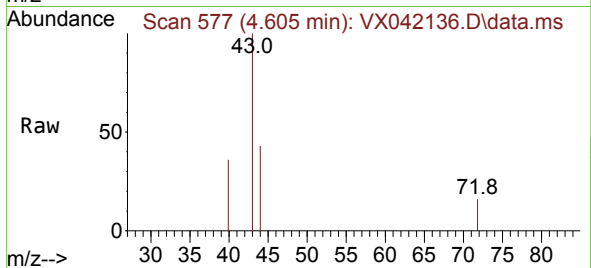




#25
2-Butanone
Concen: 1.355 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

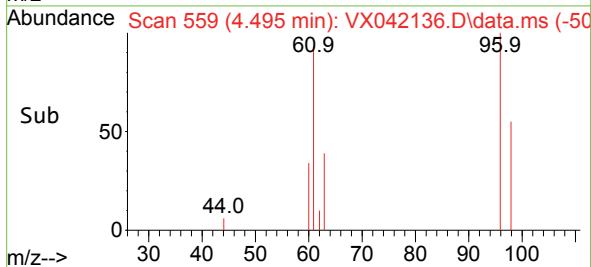
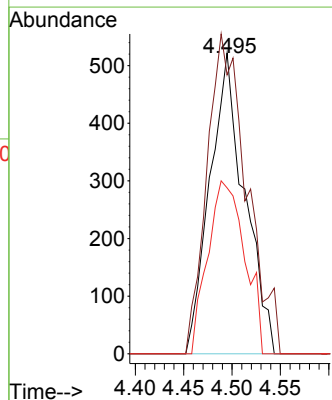
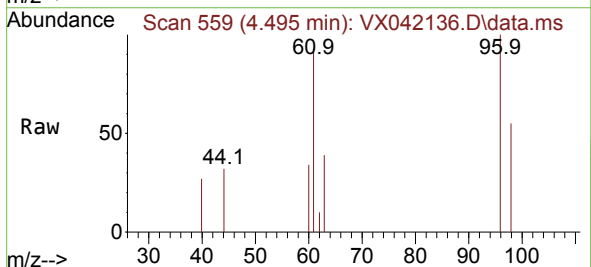
Instrument :
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ClientSampleId :
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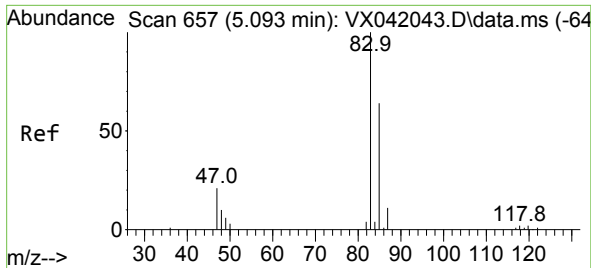
Tgt Ion: 43 Resp: 1746
Ion Ratio Lower Upper
43 100
72 16.2 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 0.726 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 96 Resp: 1302
Ion Ratio Lower Upper
96 100
61 121.6 0.0 312.2
98 61.2 0.0 129.0

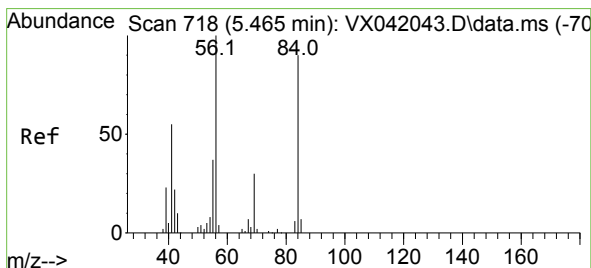
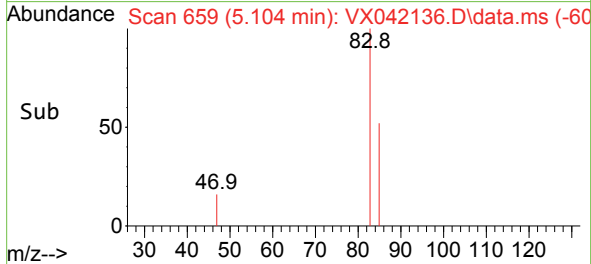
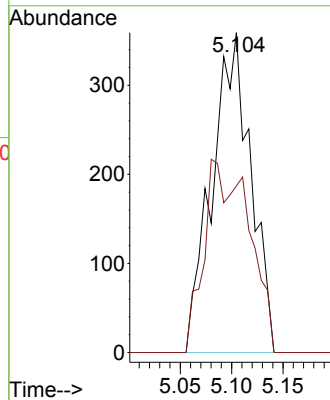
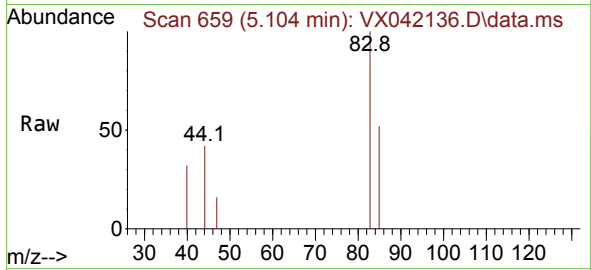




#30
Chloroform
Concen: 0.340 ug/l
RT: 5.104 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

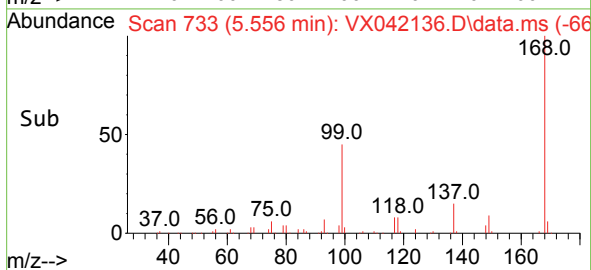
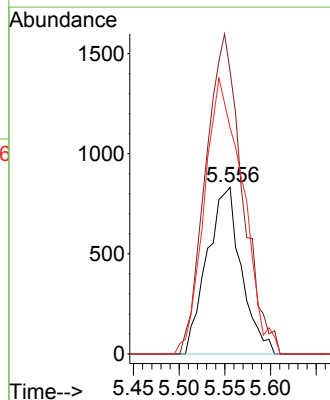
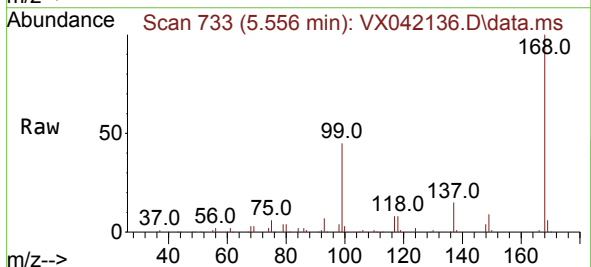
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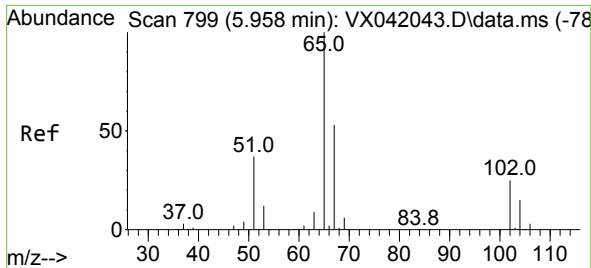
Tgt Ion: 83 Resp: 939
Ion Ratio Lower Upper
83 100
85 52.1 50.3 75.5



#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 56 Resp: 2161
Ion Ratio Lower Upper
56 100
69 169.6 23.4 35.2#
84 135.7 65.9 98.9#

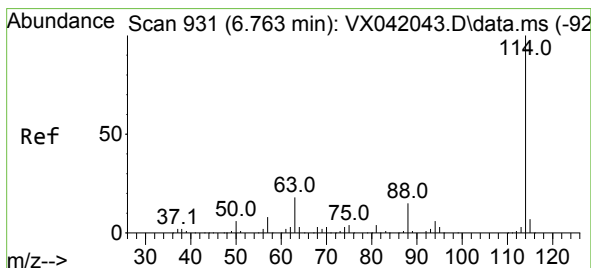
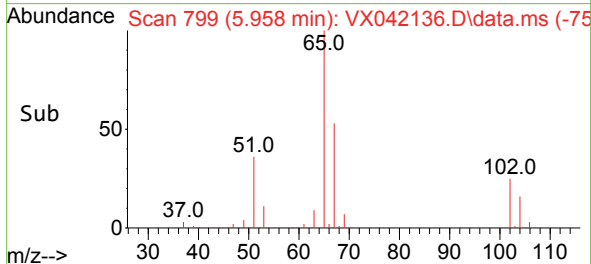
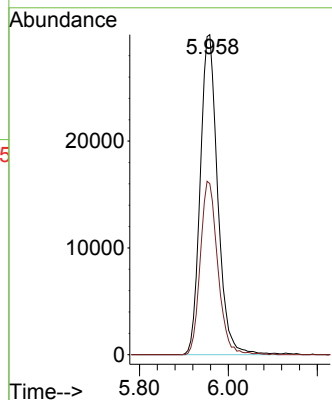
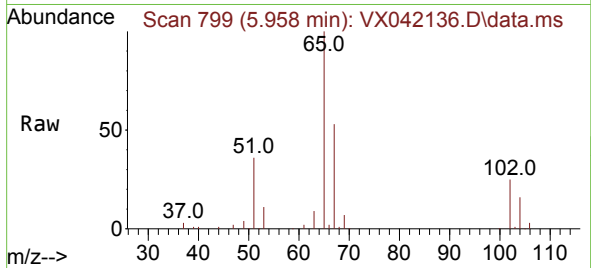




#33
1,2-Dichloroethane-d4
Concen: 43.416 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

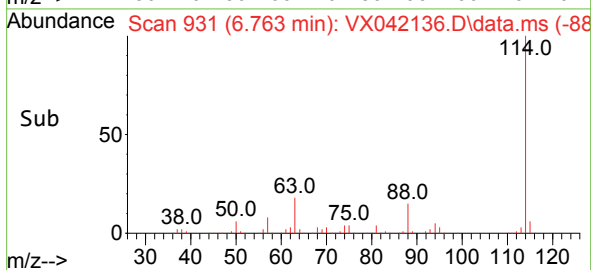
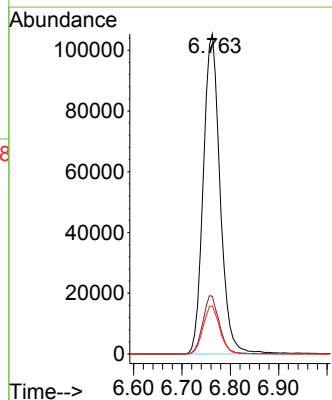
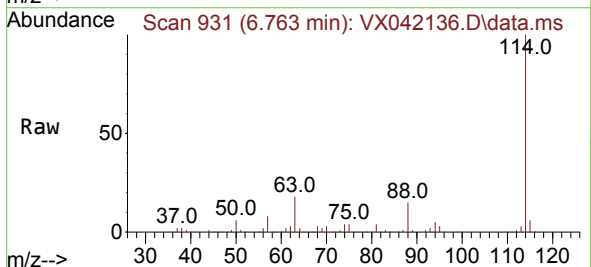
Instrument :
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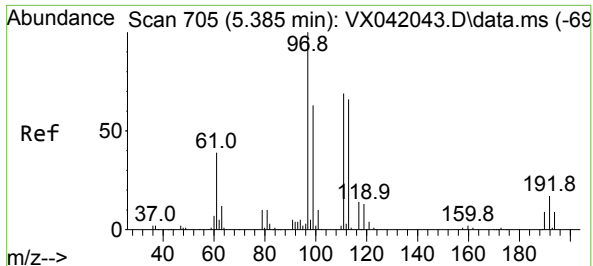
Tgt Ion: 65 Resp: 81881
Ion Ratio Lower Upper
65 100
67 54.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 114 Resp: 254130
Ion Ratio Lower Upper
114 100
63 18.1 0.0 45.0
88 15.0 0.0 36.6

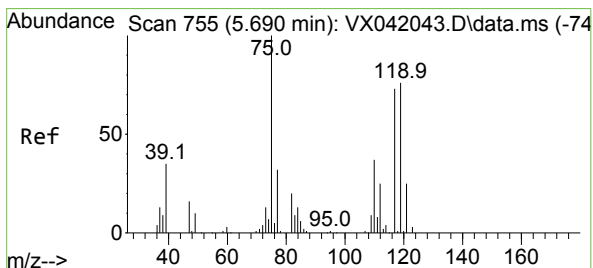
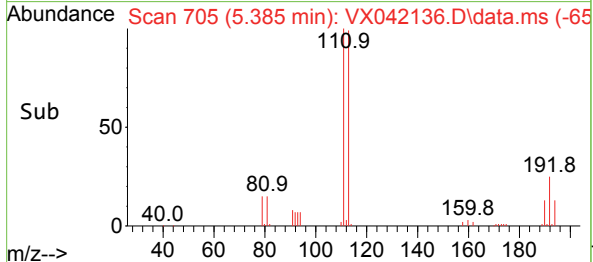
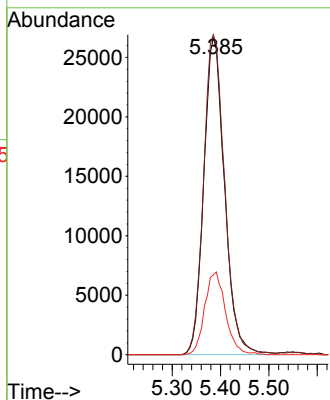
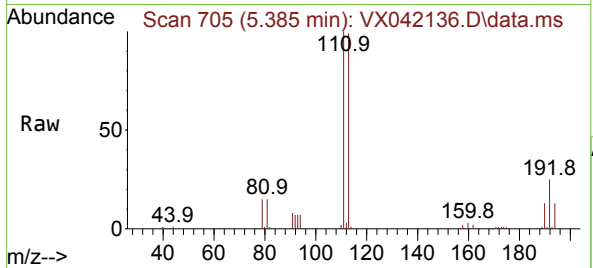




#35
Dibromofluoromethane
Concen: 44.130 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

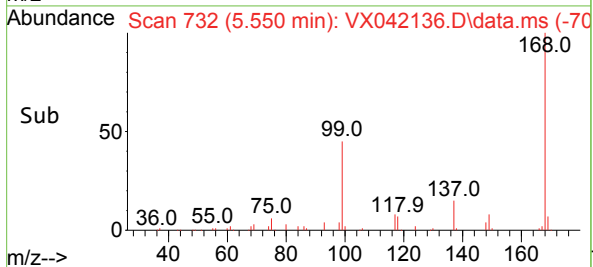
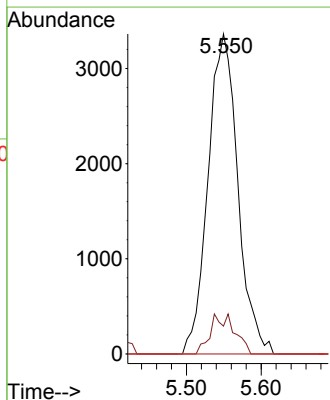
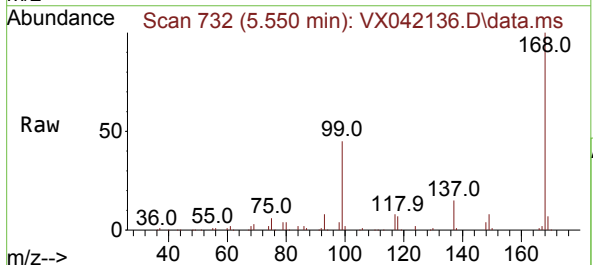
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

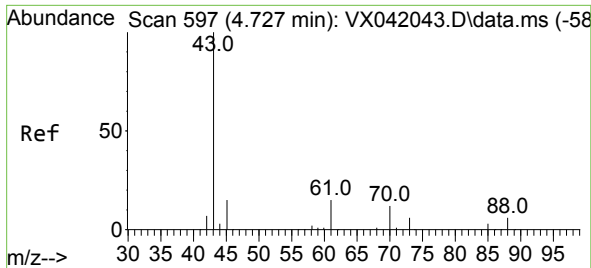
Tgt Ion:113 Resp: 79575
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 26.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.863 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 75 Resp: 9312
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.700 ug/l

RT: 4.605 min Scan# 51

Delta R.T. -0.122 min

Lab File: VX042136.D

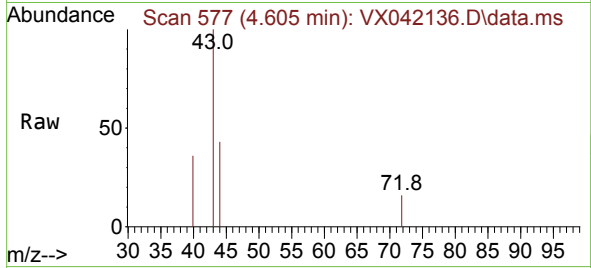
Acq: 02 Jul 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-698-700



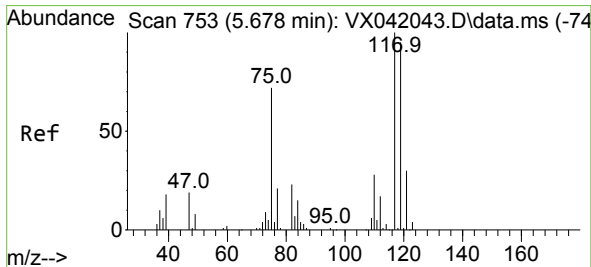
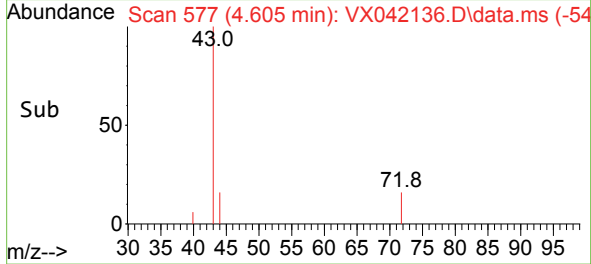
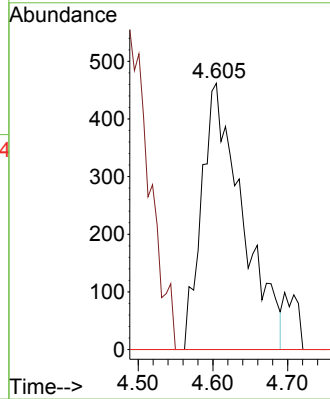
Tgt Ion: 43 Resp: 1746

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.134 min

Lab File: VX042136.D

Acq: 02 Jul 2024 13:48

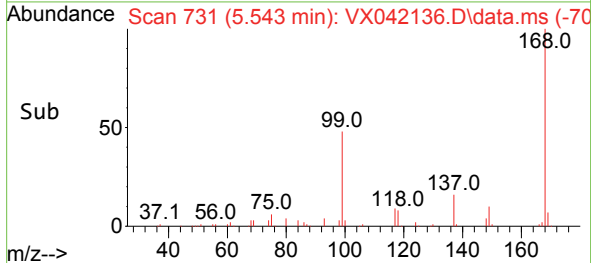
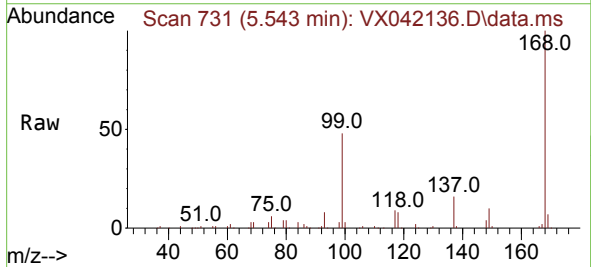
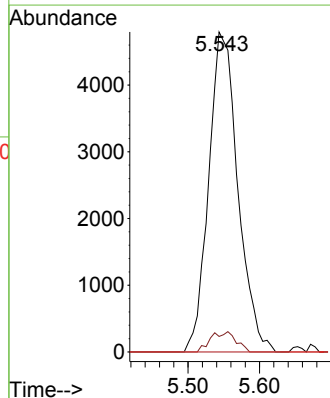
Tgt Ion: 117 Resp: 13609

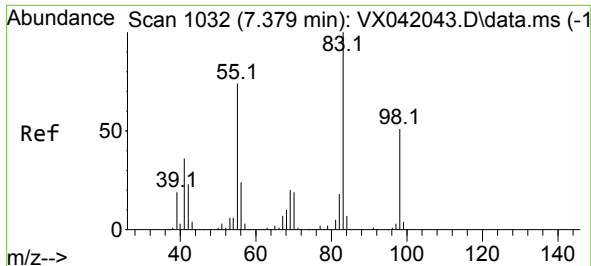
Ion Ratio Lower Upper

117 100

119 4.9 78.2 117.2#

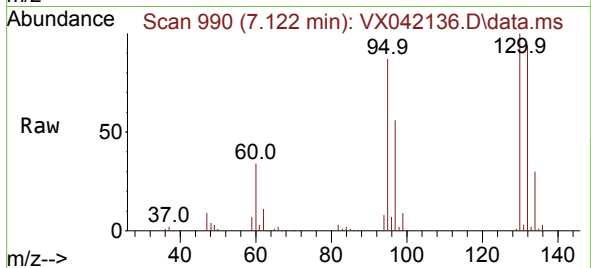
121 0.0 24.4 36.6#



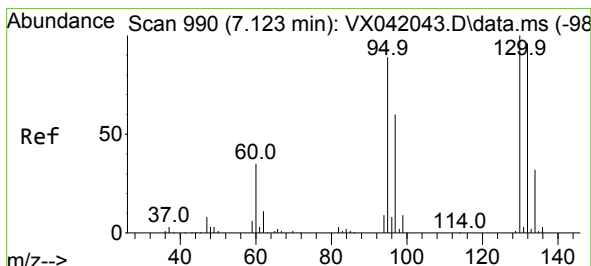
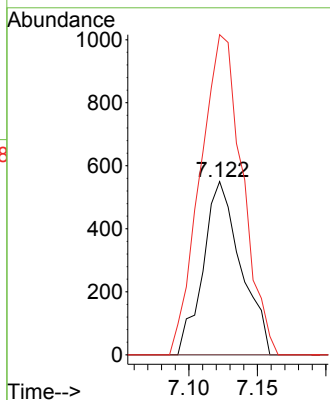
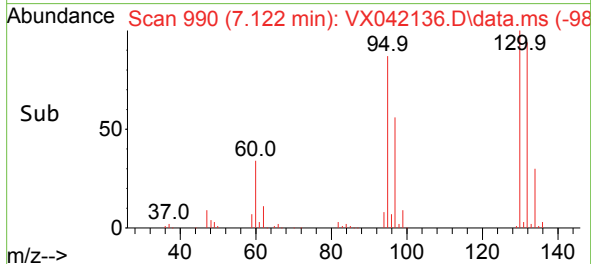


#39
Methylcyclohexane
Concen: 0.436 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

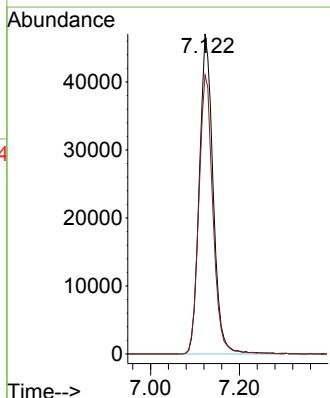
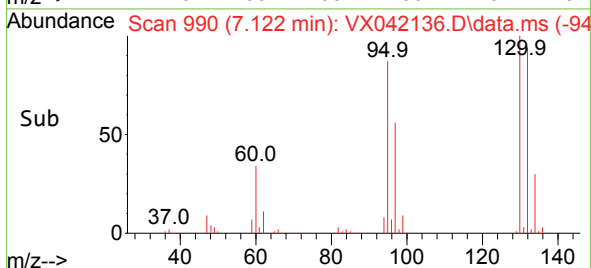
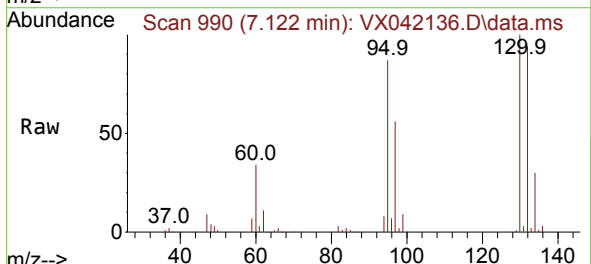


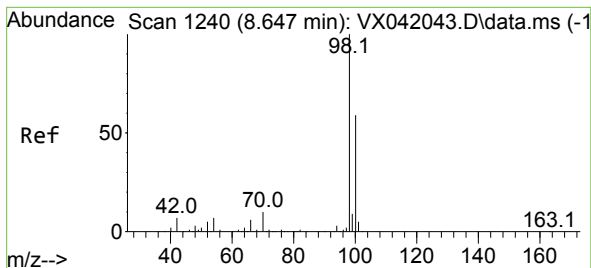
Tgt Ion: 83 Resp: 1055
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 184.7 36.7 55.1#



#44
Trichloroethene
Concen: 58.683 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion:130 Resp: 101584
Ion Ratio Lower Upper
130 100
95 87.2 0.0 204.4





#50

Toluene-d8

Concen: 46.367 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX042136.D

Acq: 02 Jul 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

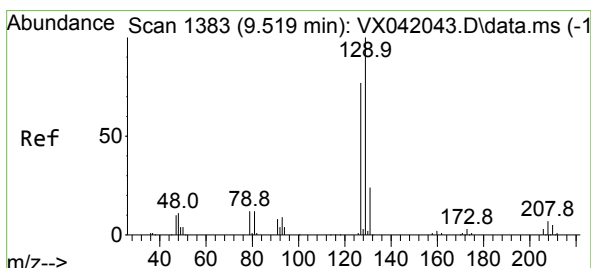
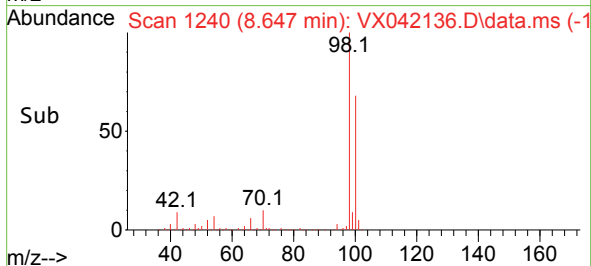
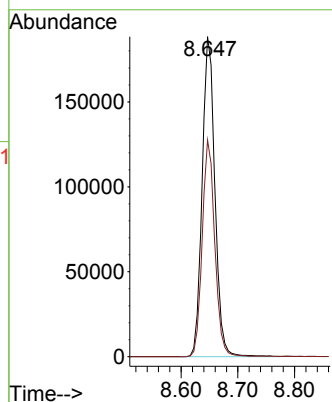
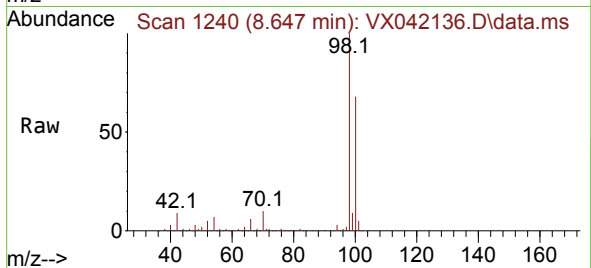
BP-VPB-189-GW-698-700

Tgt Ion: 98 Resp: 293718

Ion Ratio Lower Upper

98 100

100 67.0 53.1 79.7



#60

Dibromochloromethane

Concen: 0.415 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX042136.D

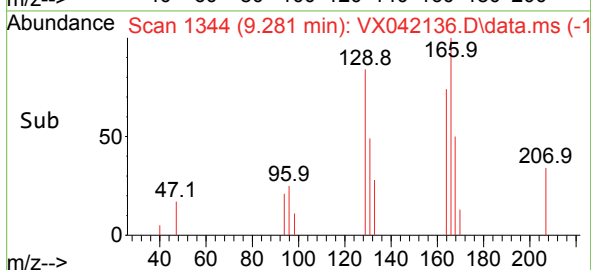
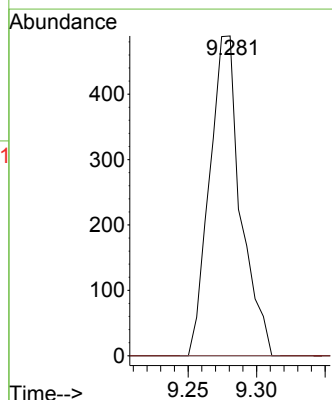
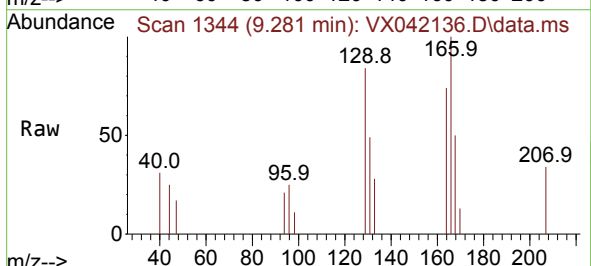
Acq: 02 Jul 2024 13:48

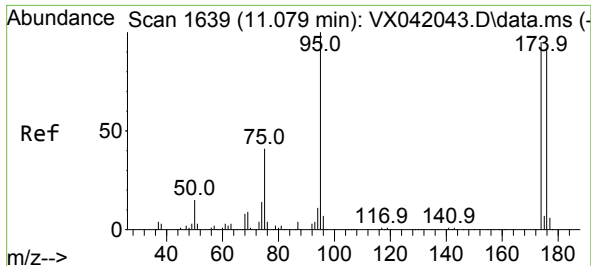
Tgt Ion: 129 Resp: 773

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#

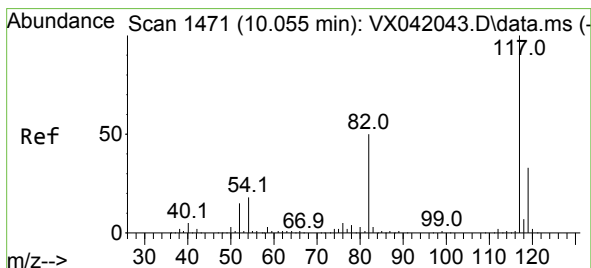
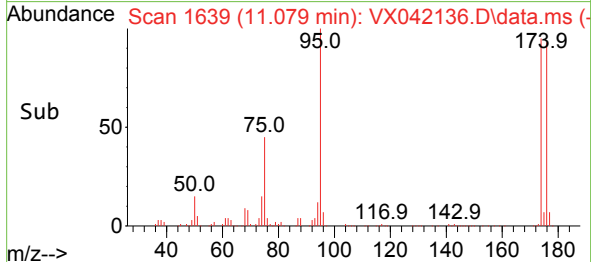
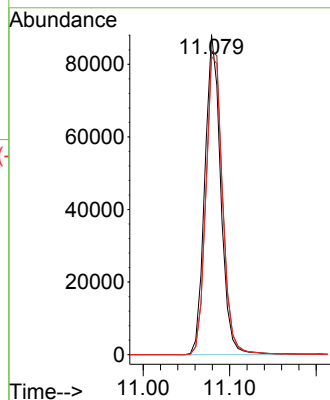
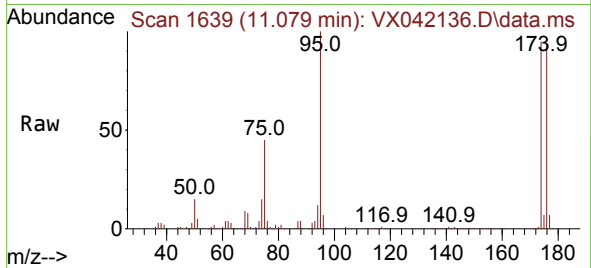




#62
4-Bromofluorobenzene
Concen: 48.126 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

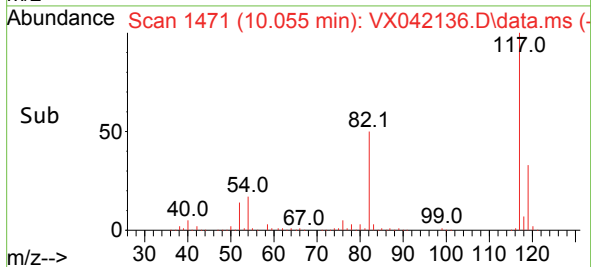
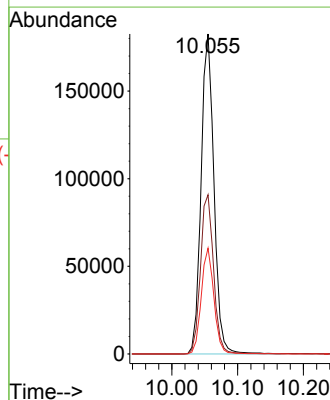
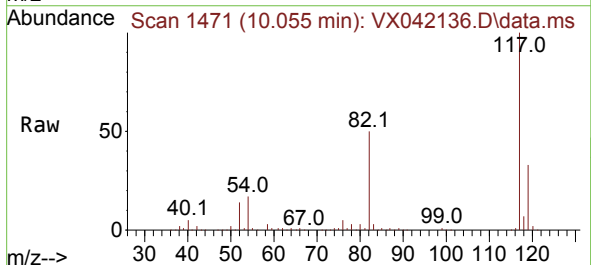
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

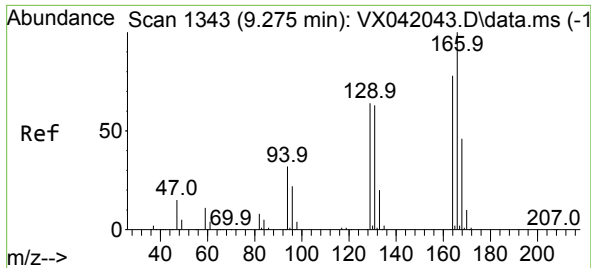
Tgt Ion: 95 Resp: 112379
Ion Ratio Lower Upper
95 100
174 100.2 0.0 135.6
176 97.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion: 117 Resp: 248169
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 33.1 25.5 38.3

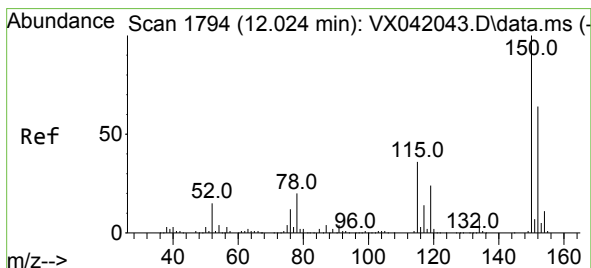
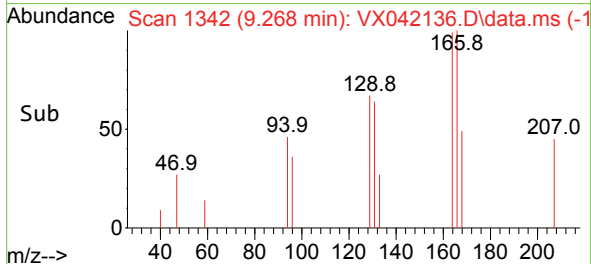
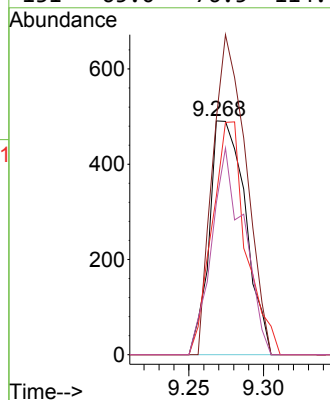
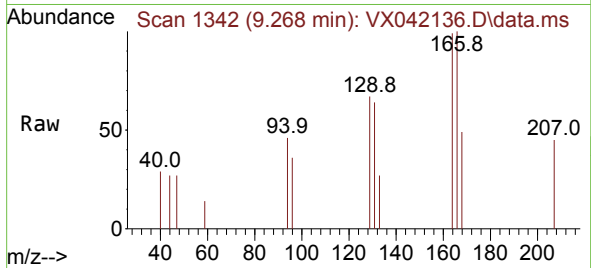




#64
Tetrachloroethene
Concen: 0.456 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

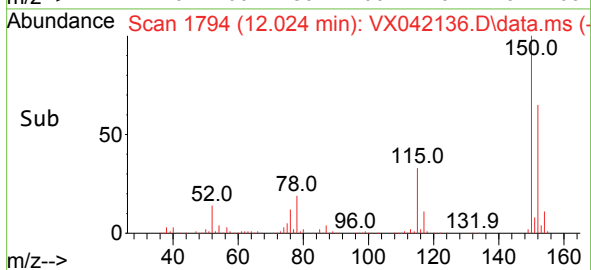
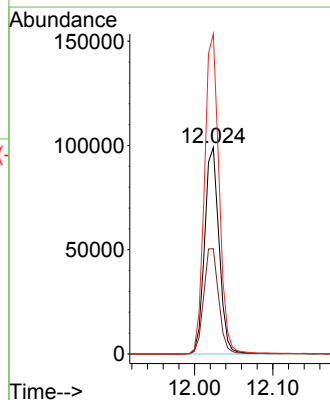
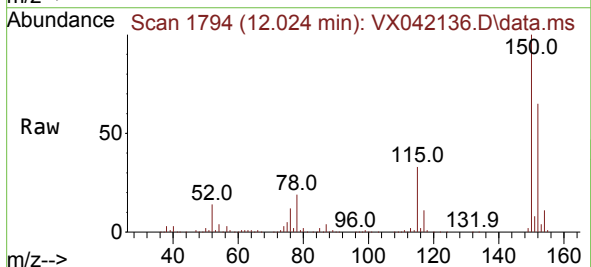
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-698-700

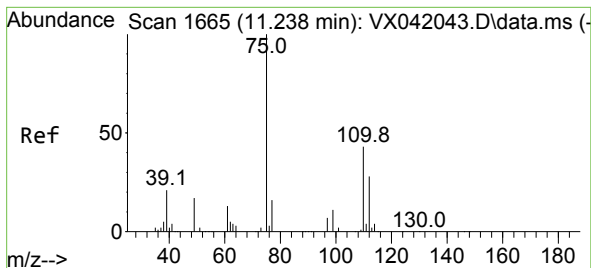
Tgt Ion:164 Resp: 824
Ion Ratio Lower Upper
164 100
166 101.0 102.7 154.1#
129 67.8 80.4 120.6#
131 65.0 76.5 114.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX042136.D
Acq: 02 Jul 2024 13:48

Tgt Ion:152 Resp: 127331
Ion Ratio Lower Upper
152 100
115 52.9 43.3 129.9
150 156.6 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.086 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042136.D

Acq: 02 Jul 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

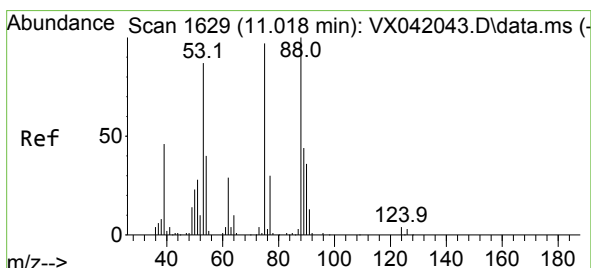
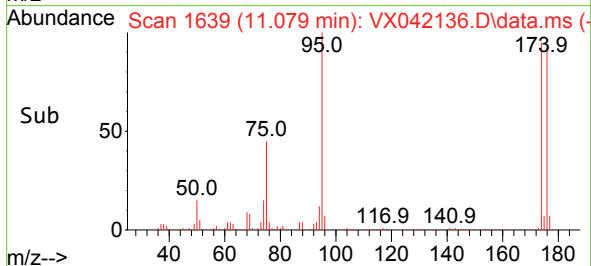
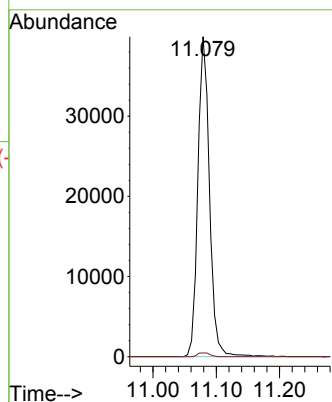
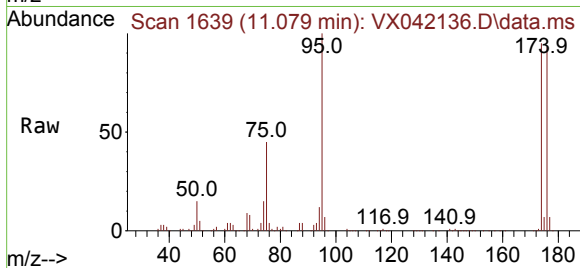
BP-VPB-189-GW-698-700

Tgt Ion: 75 Resp: 51053

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.722 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042136.D

Acq: 02 Jul 2024 13:48

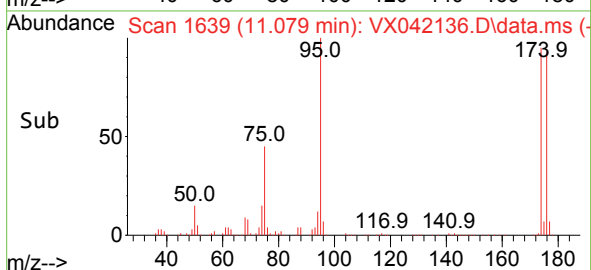
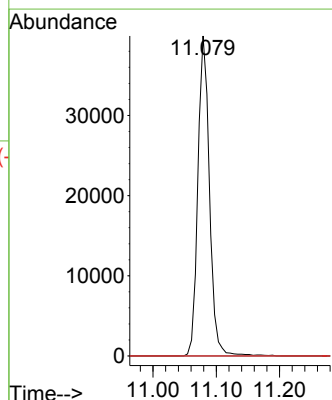
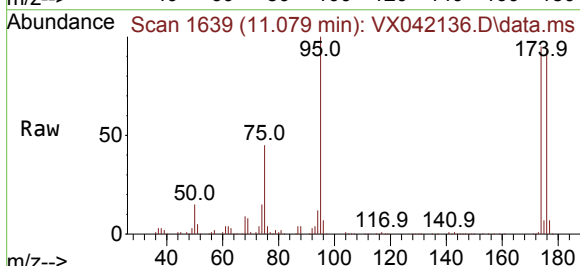
Tgt Ion: 75 Resp: 51053

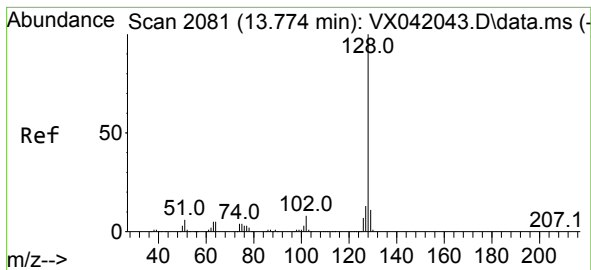
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.823 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX042136.D

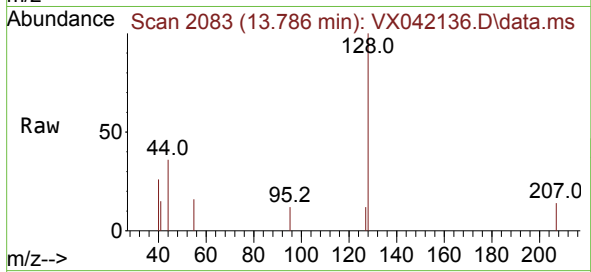
Acq: 02 Jul 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-698-700



Tgt Ion:128 Resp: 698

Ion Ratio Lower Upper

128 100

127 5.7 10.3 15.5#

129 0.0 8.8 13.2#

