

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062124\
 Data File : VX041980.D
 Acq On : 21 Jun 2024 14:47
 Operator : JC/MD
 Sample : P3002-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-TB-20240618

Quant Time: Jun 22 04:42:15 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)

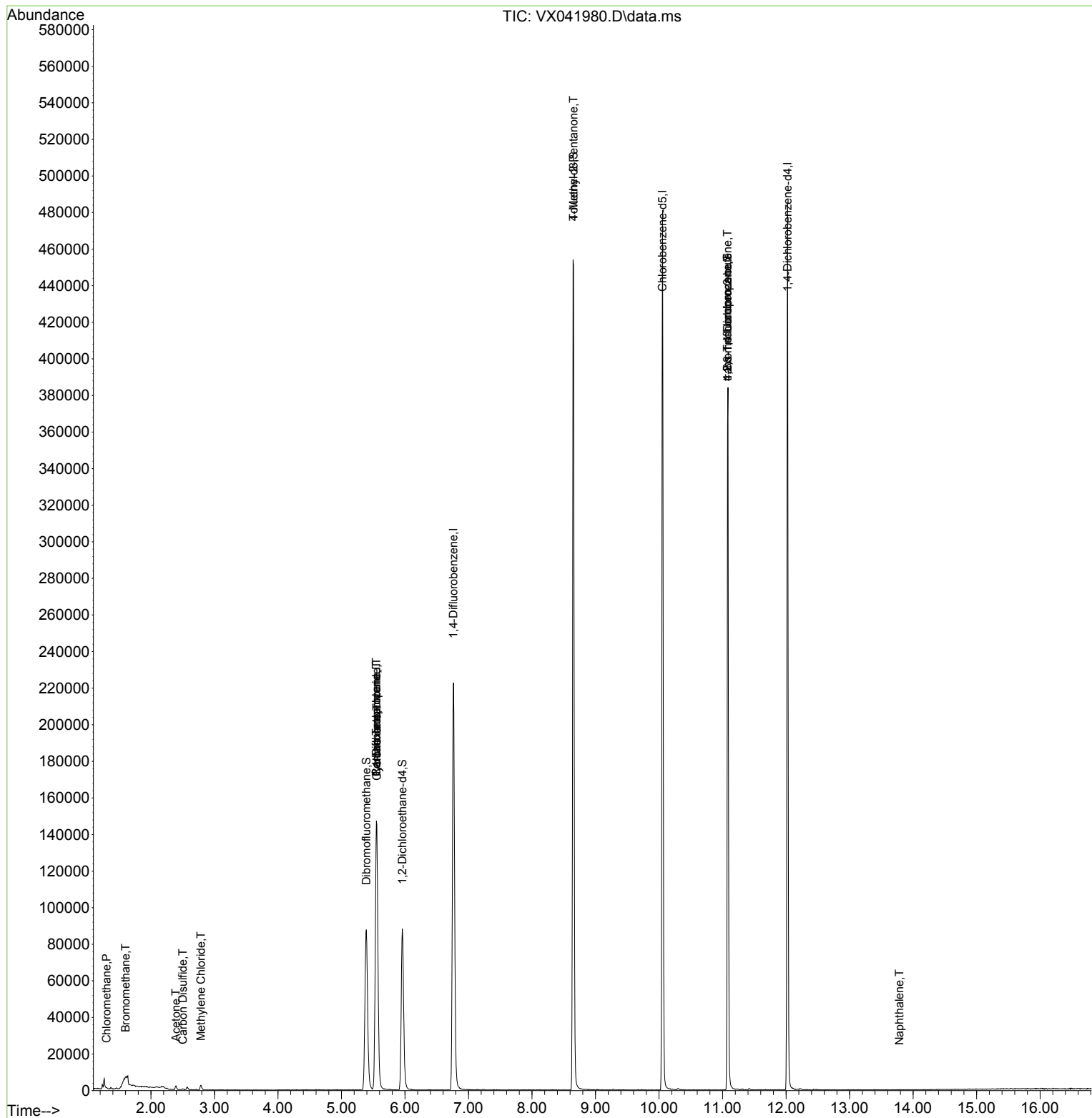
Internal Standards						
1) Pentafluorobenzene	5.549	168	161469	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	246305	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84035	45.133	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.260%		
35) Dibromofluoromethane	5.391	113	79639	45.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.140%		
50) Toluene-d8	8.653	98	286838	46.719	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.440%		
62) 4-Bromofluorobenzene	11.079	95	101255	44.739	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.480%		
Target Compounds			Qvalue			
3) Chloromethane	1.300	50	543	0.352	ug/l	93
5) Bromomethane	1.599	94	344	0.450	ug/l	# 73
6) Chloroethane	1.666	64	109	Below Cal	#	43
16) Acetone	2.392	43	2171	2.655	ug/l	94
17) Carbon Disulfide	2.501	76	962	0.339	ug/l	# 76
20) Methylene Chloride	2.788	84	1421	0.794	ug/l	# 92
31) Cyclohexane	5.556	56	2321	1.066	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	9685	5.219	ug/l	# 51
38) Carbon Tetrachloride	5.549	117	13786	6.723	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	1091	0.427	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	46524	22.584	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	46524	64.137	ug/l	# 5
95) Naphthalene	13.786	128	92	0.759	ug/l	# 69

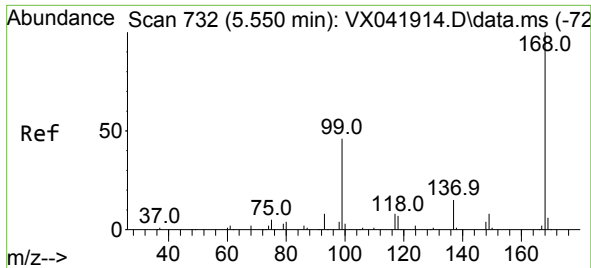
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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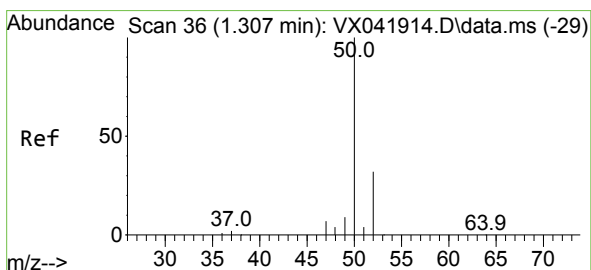
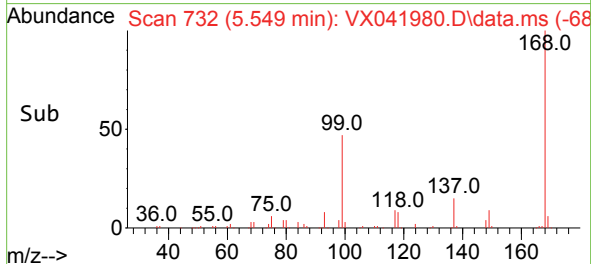
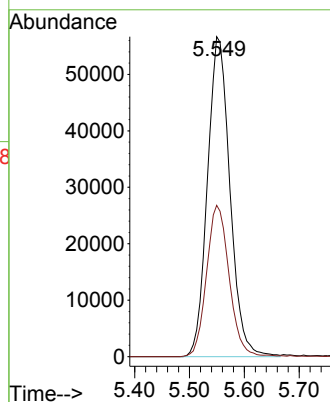
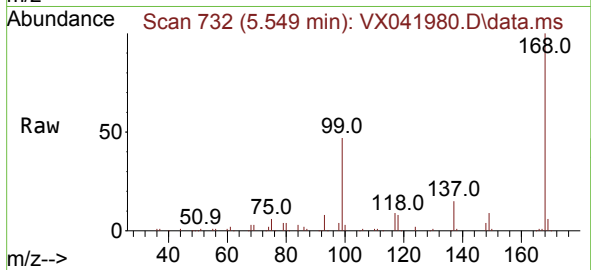




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

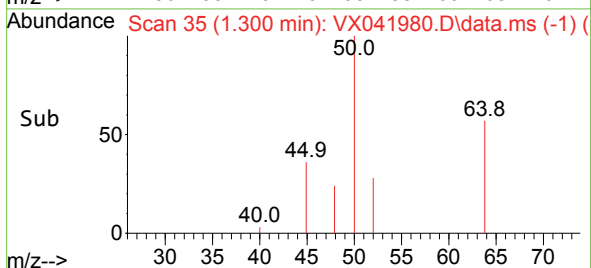
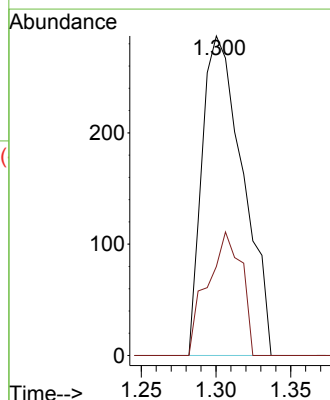
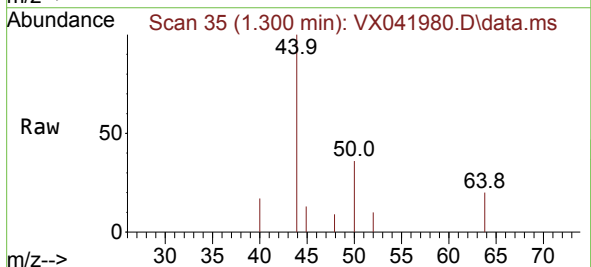
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240618

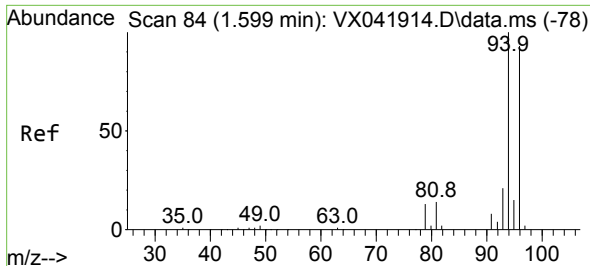
Tgt Ion:168 Resp: 161469
Ion Ratio Lower Upper
168 100
99 47.3 56.6 85.0#



#3
Chloromethane
Concen: 0.352 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion: 50 Resp: 543
Ion Ratio Lower Upper
50 100
52 27.9 25.5 38.3

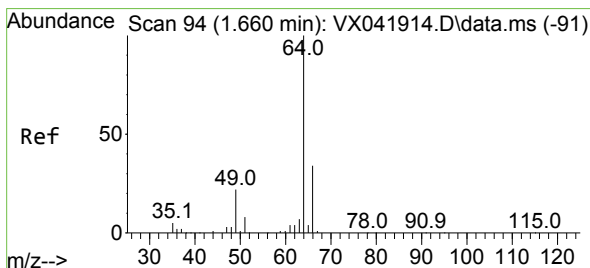
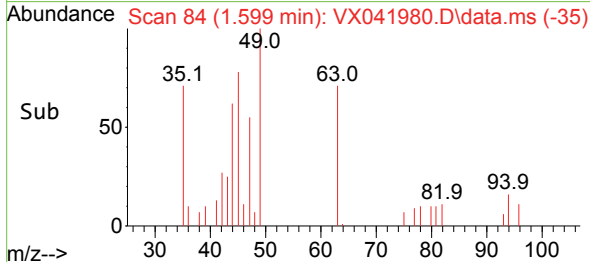
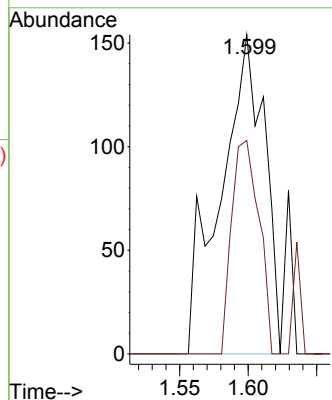
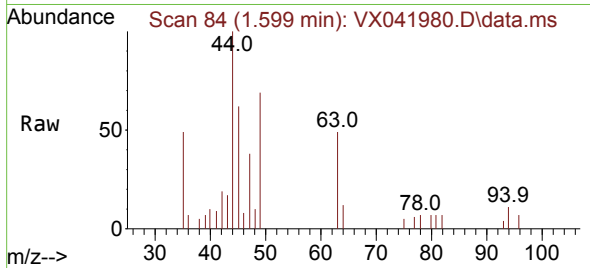




#5
Bromomethane
Concen: 0.450 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

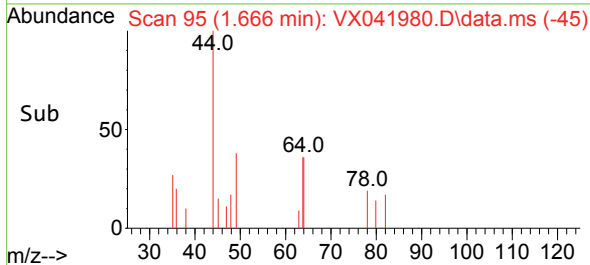
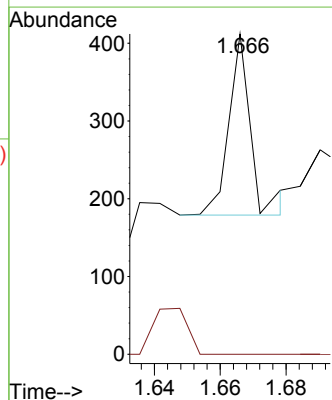
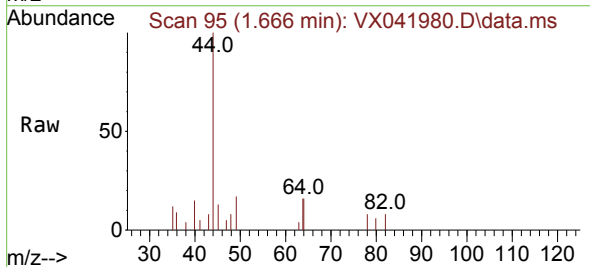
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240618

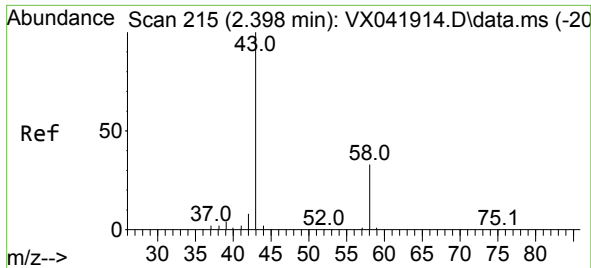
Tgt Ion: 94 Resp: 344
Ion Ratio Lower Upper
94 100
96 66.9 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion: 64 Resp: 109
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

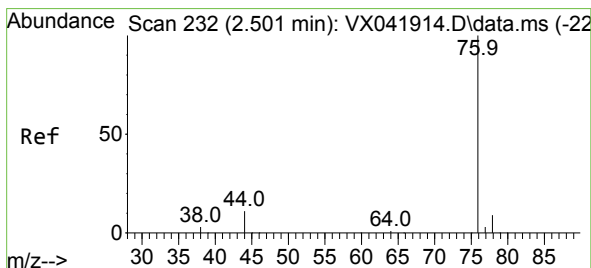
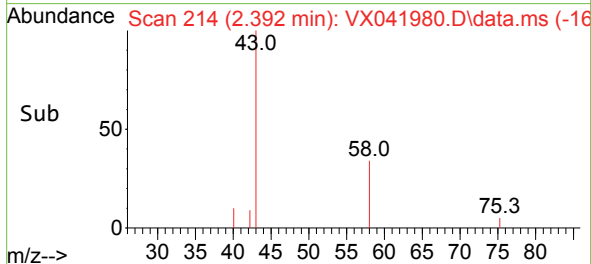
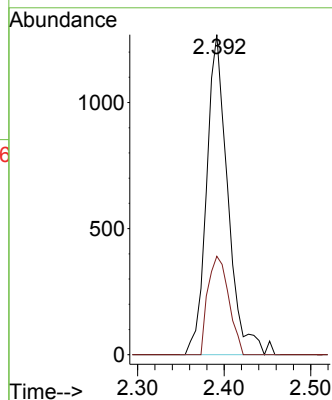
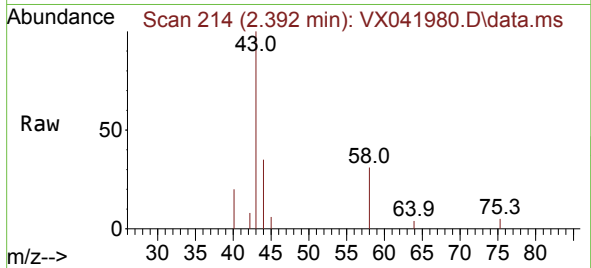




#16
Acetone
Concen: 2.655 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

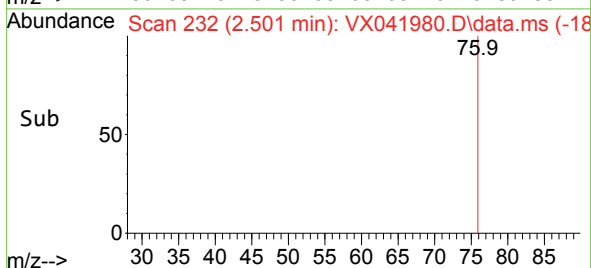
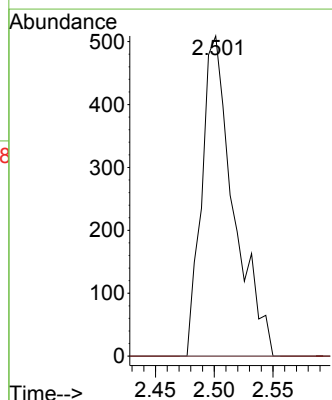
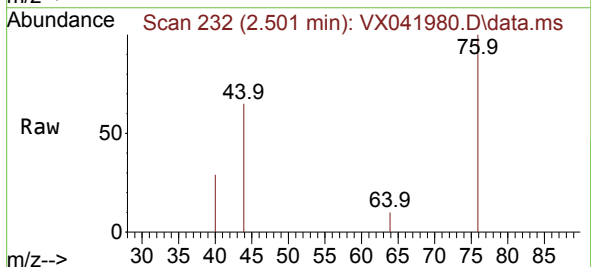
Instrument : MSVOA_X
ClientSampleId : BP-VPB-196-TB-20240618

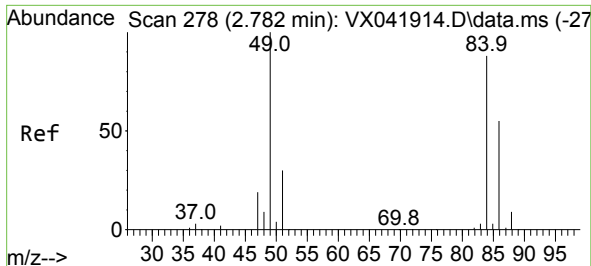
Tgt Ion: 43 Resp: 2171
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.339 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

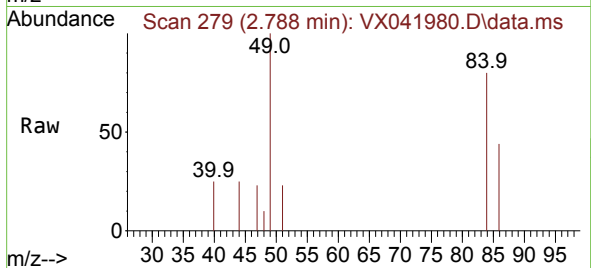
Tgt Ion: 76 Resp: 962
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



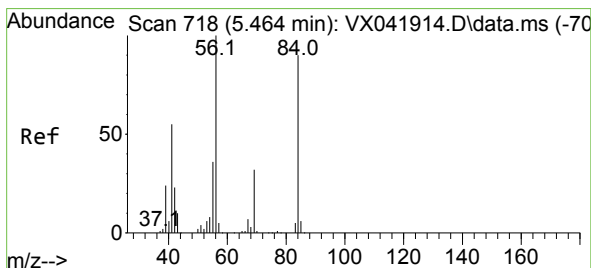
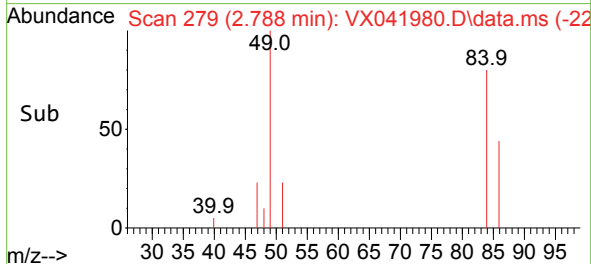
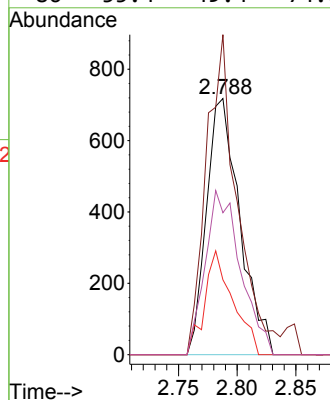


#20
Methylene Chloride
Concen: 0.794 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240618

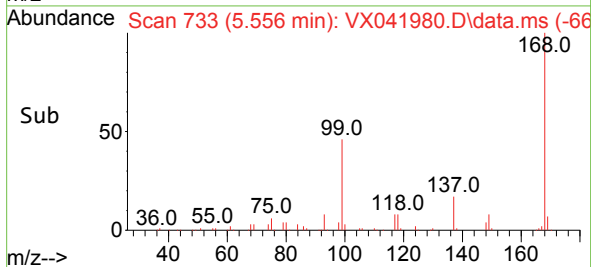
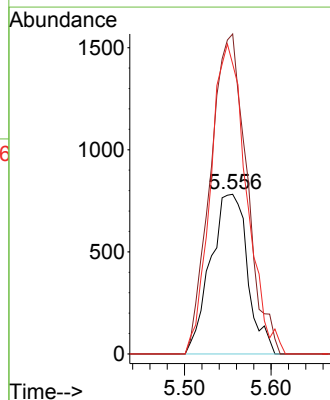
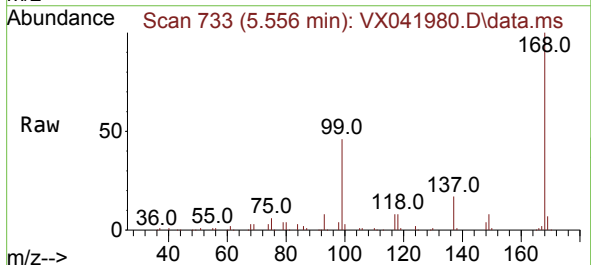


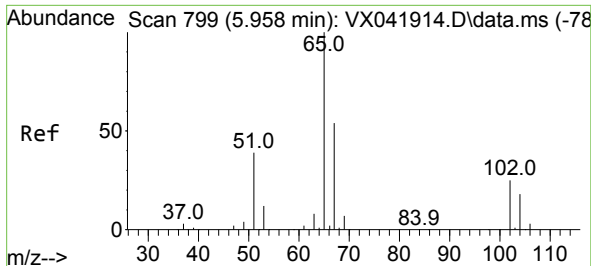
Tgt Ion:	84	Resp:	1421
Ion	Ratio	Lower	Upper
84	100		
49	124.9	103.6	155.4
51	29.2	33.8	50.6#
86	55.4	49.4	74.0



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.091 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion:	56	Resp:	2321
Ion	Ratio	Lower	Upper
56	100		
69	200.4	23.4	35.2#
84	181.6	65.9	98.9#

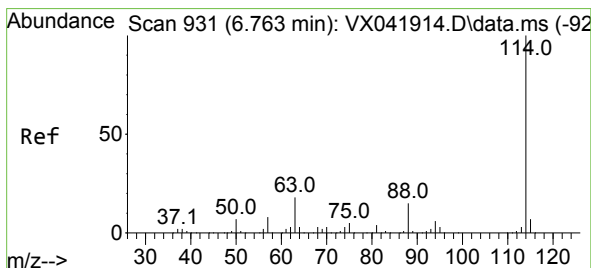
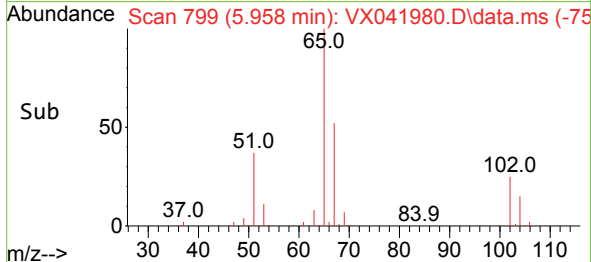
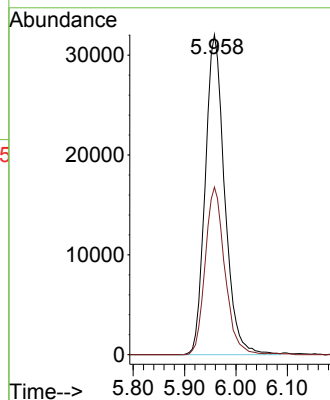
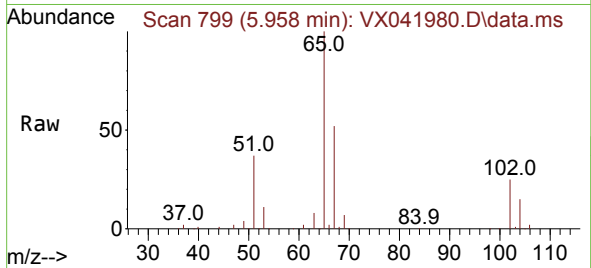




#33
1,2-Dichloroethane-d4
Concen: 45.133 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

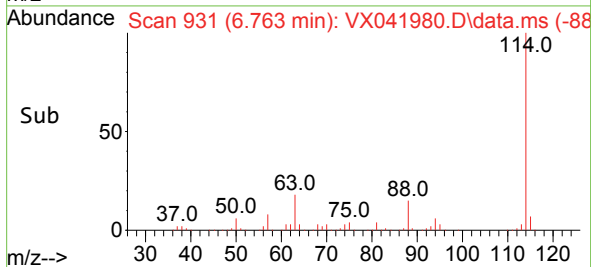
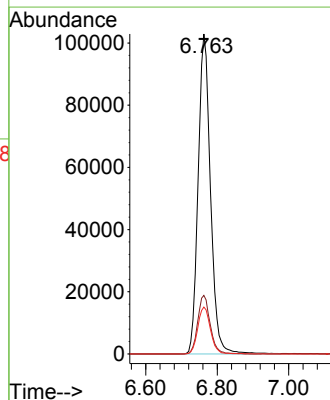
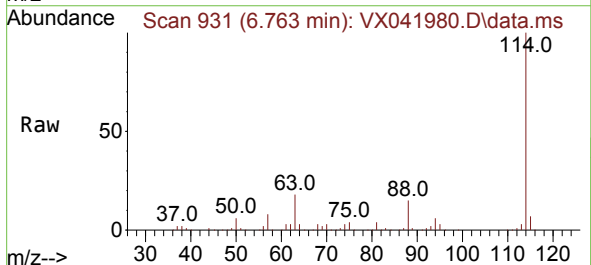
Instrument :
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ClientSampleId :
BP-VPB-196-TB-20240618

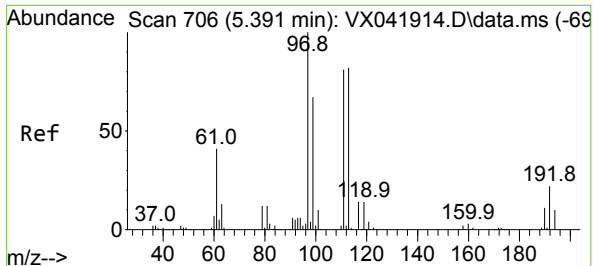
Tgt Ion: 65 Resp: 84035
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion: 114 Resp: 246305
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 14.6 0.0 36.6

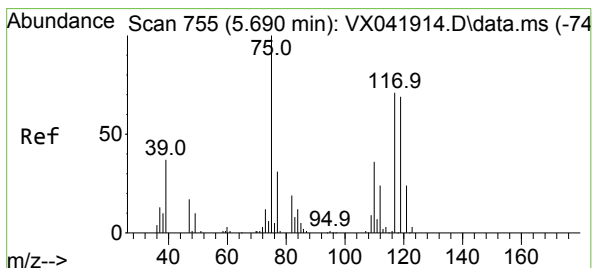
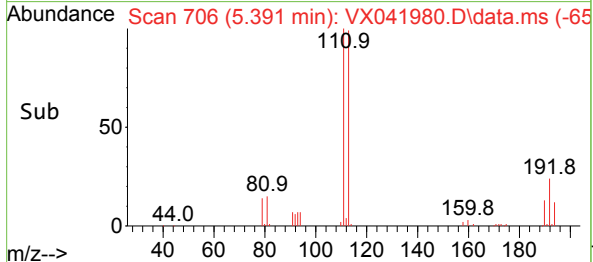
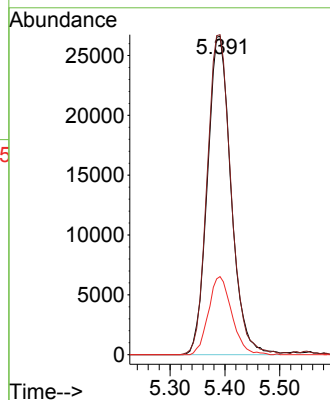
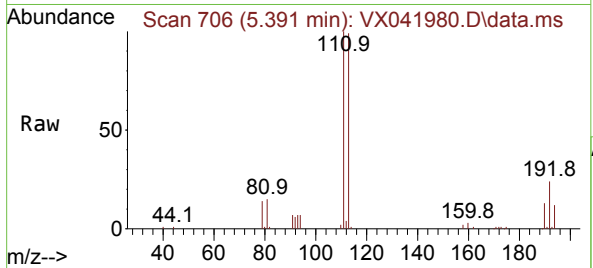




#35
Dibromofluoromethane
Concen: 45.569 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

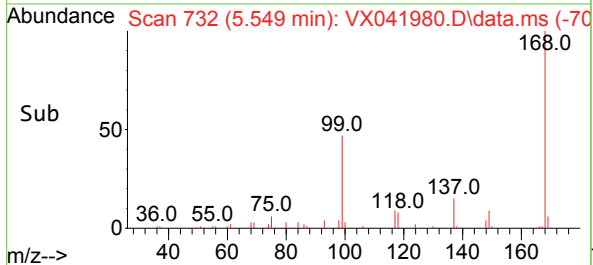
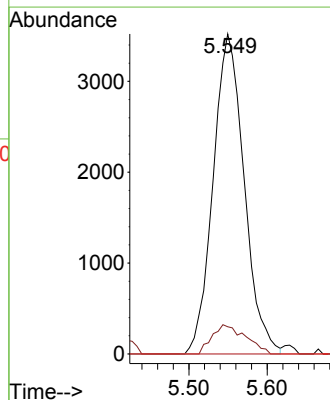
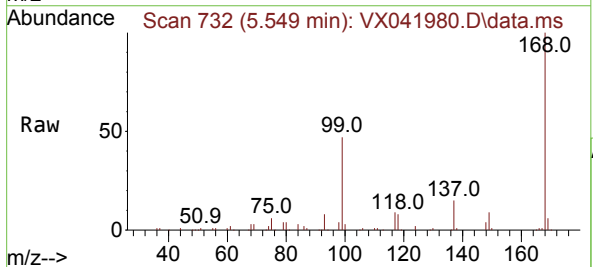
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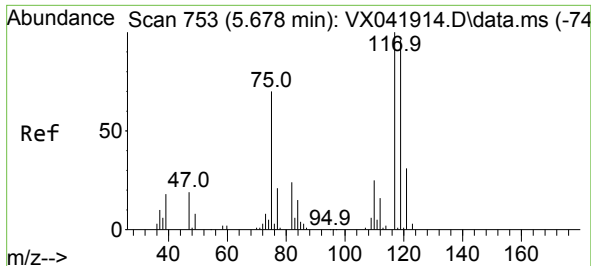
Tgt Ion:113 Resp: 79639
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 24.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

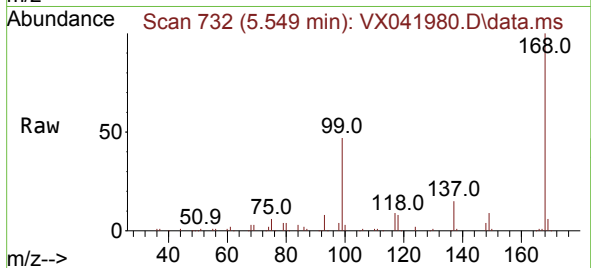
Tgt Ion: 75 Resp: 9685
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



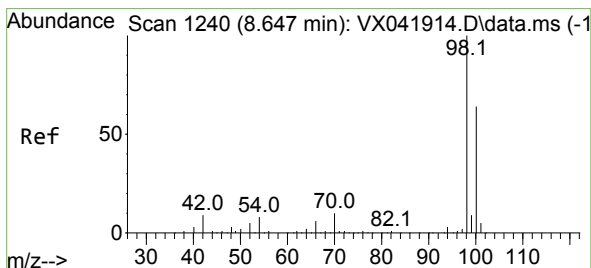
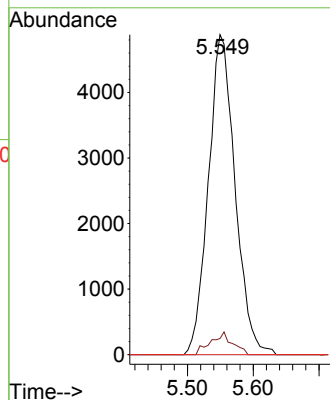
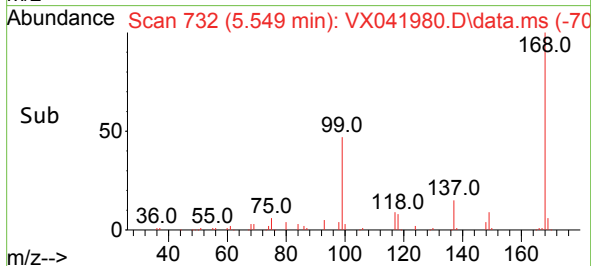


#38
Carbon Tetrachloride
Concen: 6.723 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240618

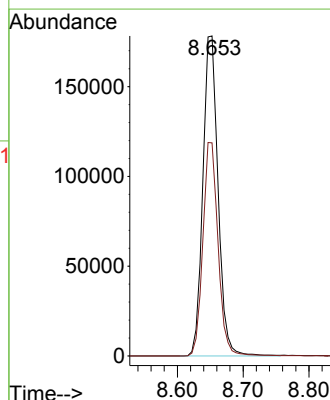
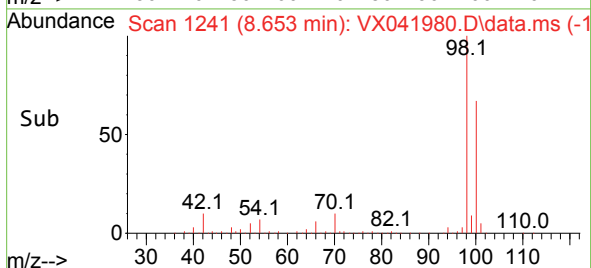
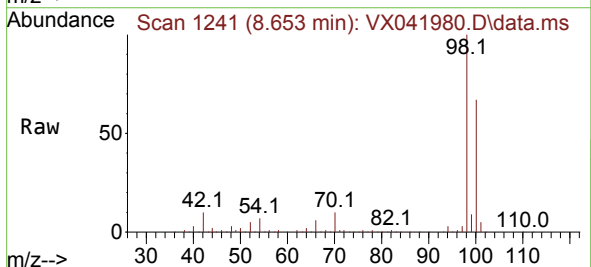


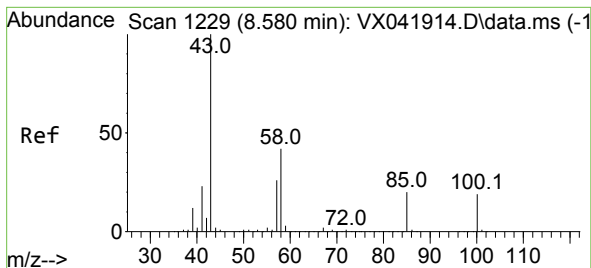
Tgt Ion:117 Resp: 13786
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.719 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion: 98 Resp: 286838
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

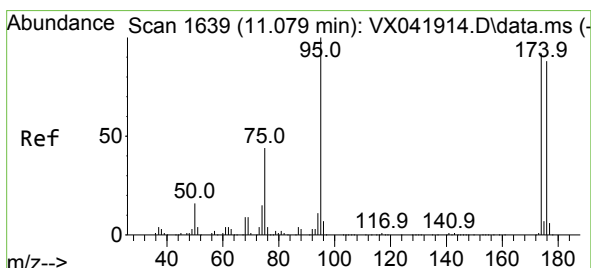
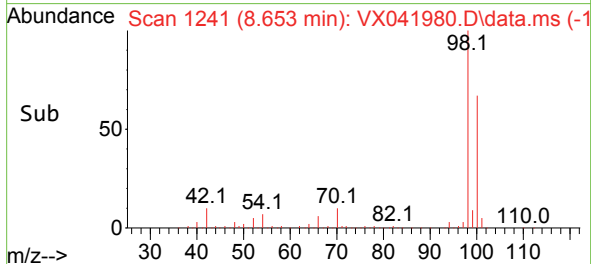
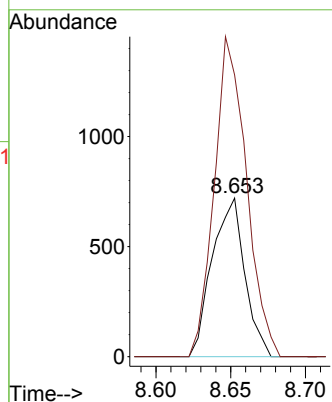
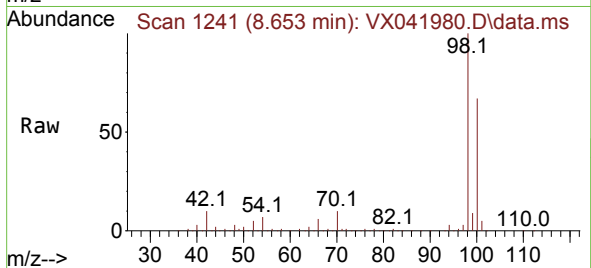




#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

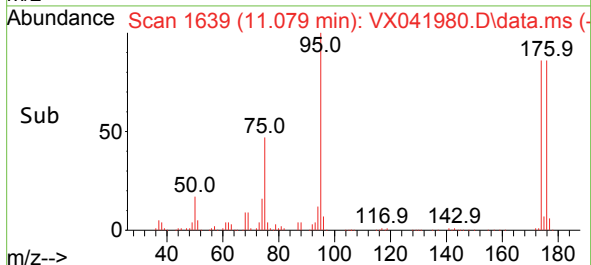
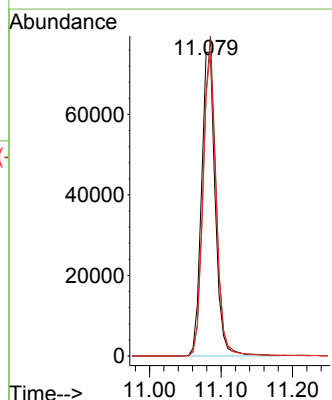
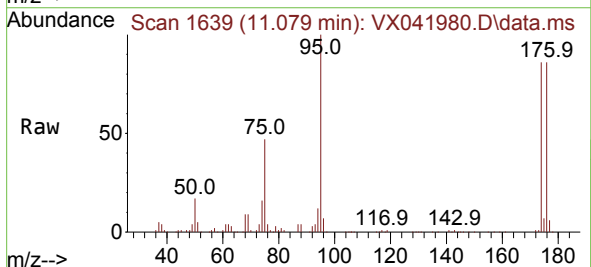
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240618

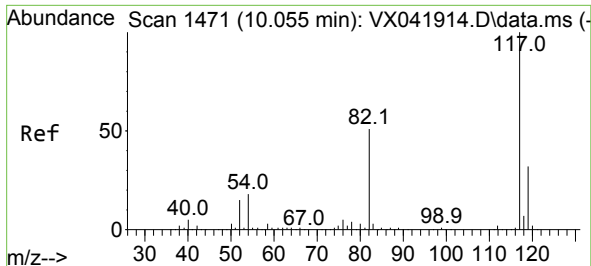
Tgt Ion: 43 Resp: 1091
Ion Ratio Lower Upper
43 100
58 199.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.739 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion: 95 Resp: 101255
Ion Ratio Lower Upper
95 100
174 98.4 0.0 135.6
176 94.9 0.0 131.0

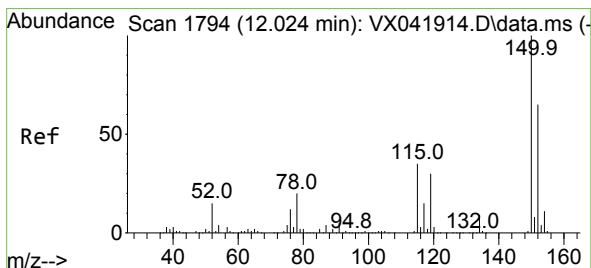
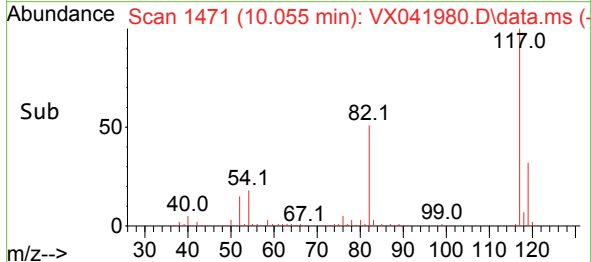
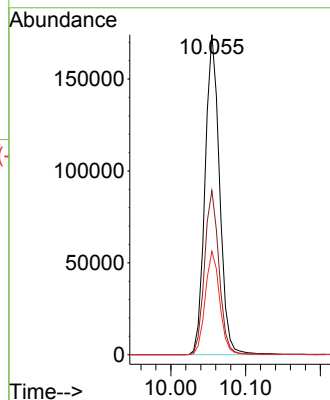
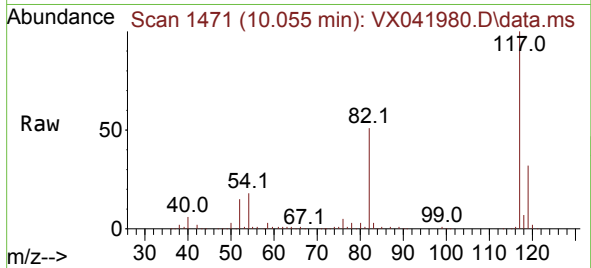




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

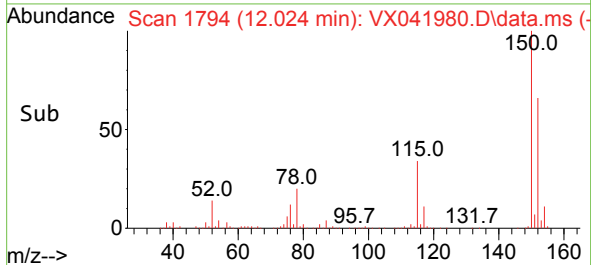
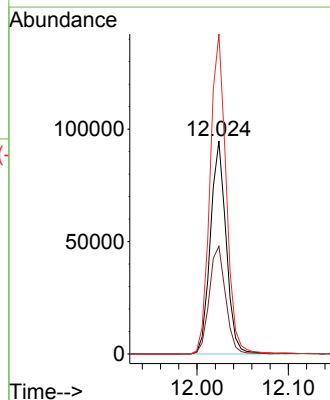
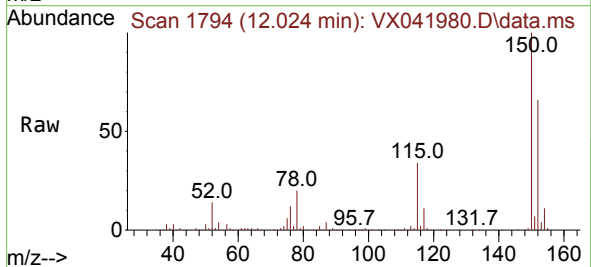
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240618

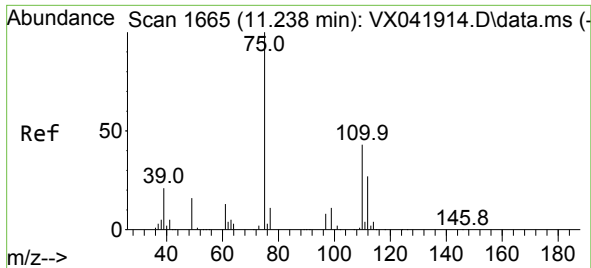
Tgt Ion:117 Resp: 235228
Ion Ratio Lower Upper
117 100
82 51.3 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion:152 Resp: 113475
Ion Ratio Lower Upper
152 100
115 52.5 43.3 129.9
150 153.9 0.0 345.0

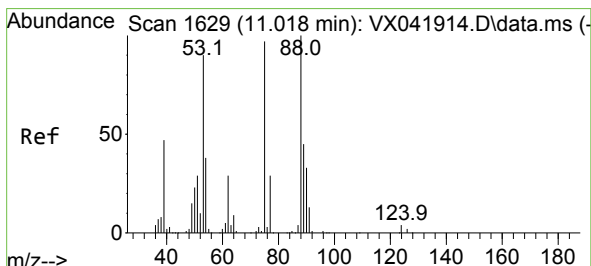
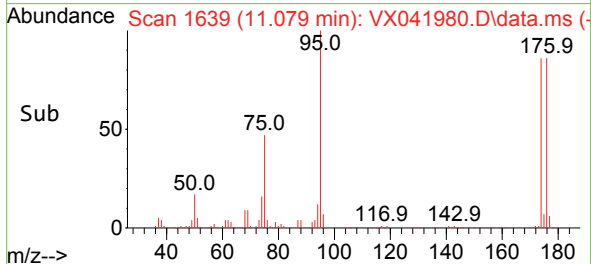
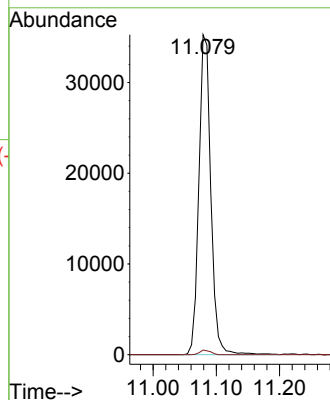
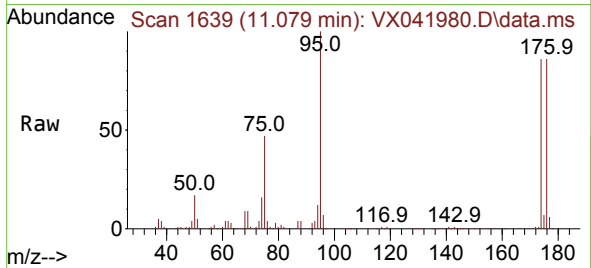




#76
1,2,3-Trichloropropane
Concen: 22.584 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

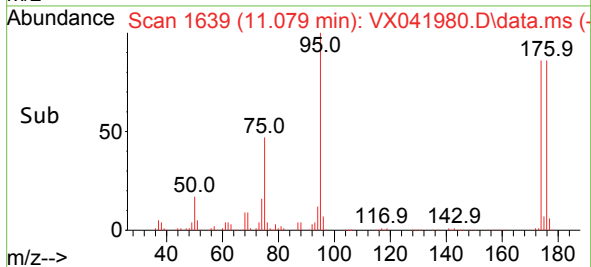
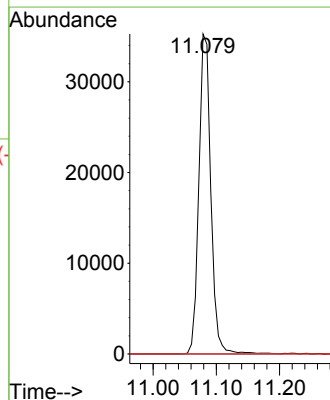
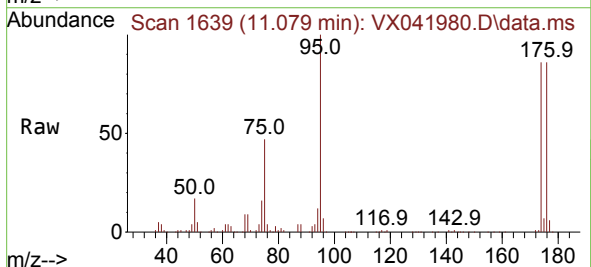
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240618

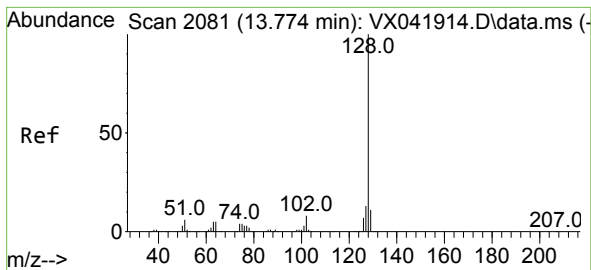
Tgt Ion: 75 Resp: 46524
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041980.D
Acq: 21 Jun 2024 14:47

Tgt Ion: 75 Resp: 46524
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.759 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

Lab File: VX041980.D

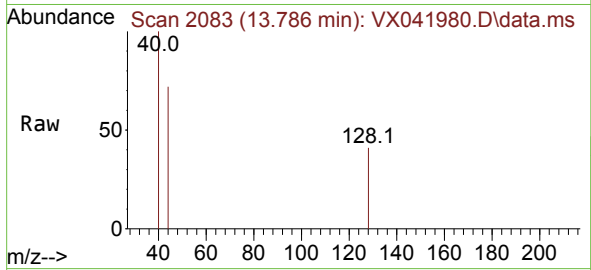
Acq: 21 Jun 2024 14:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240618



Tgt Ion:128 Resp: 92

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

