

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039885.D
 Acq On : 22 Jan 2024 15:45
 Operator : JC/MD
 Sample : P1186-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-278-280

Quant Time: Jan 23 00:18:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

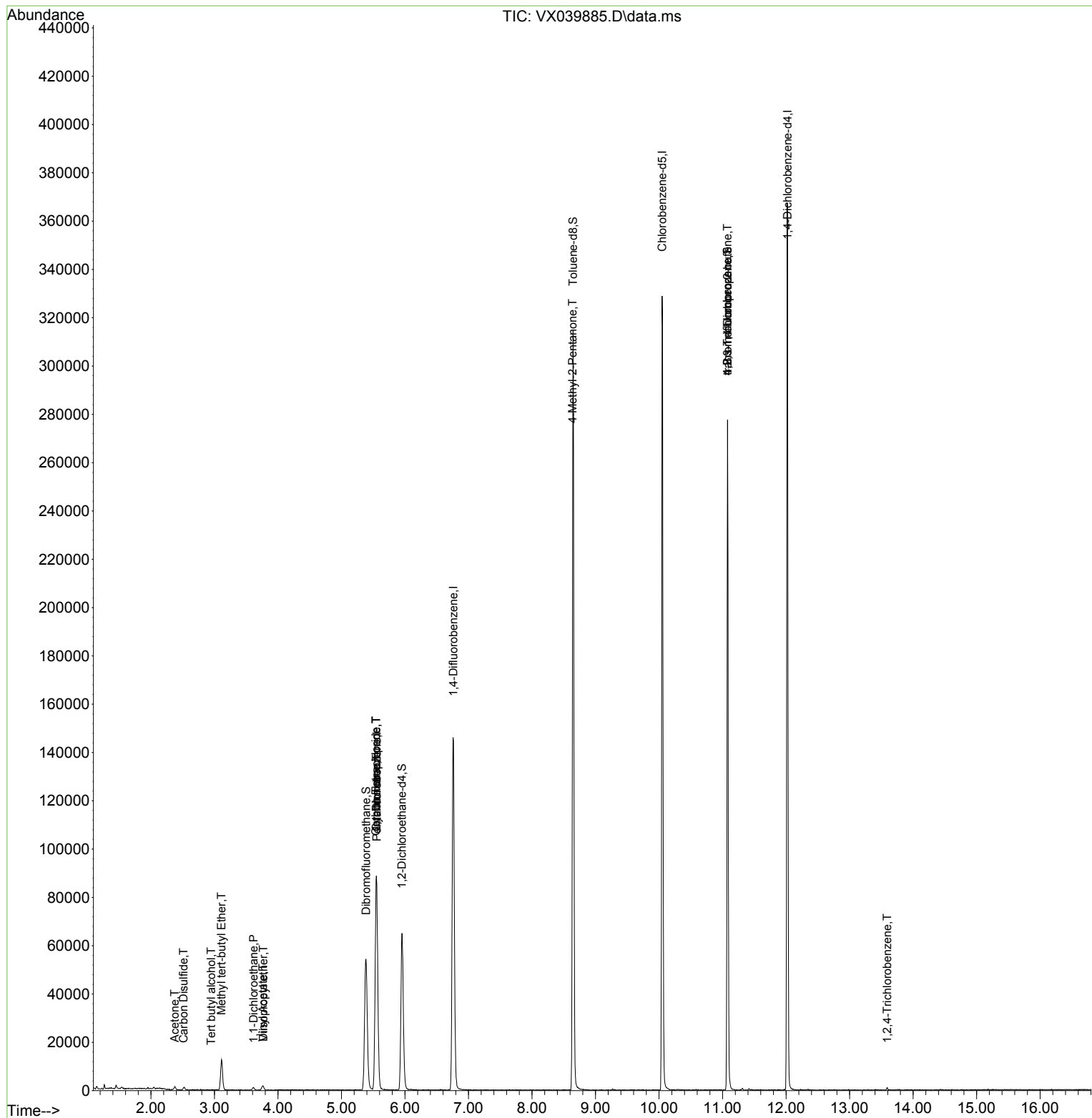
Internal Standards						
1) Pentafluorobenzene	5.556	168	78234	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144514	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62109	47.392	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.780%
35) Dibromofluoromethane	5.385	113	48935	50.274	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.540%
50) Toluene-d8	8.647	98	181004	49.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	71252	49.633	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	84	0.246	ug/l #	78
16) Acetone	2.374	43	1493	2.026	ug/l #	89
17) Carbon Disulfide	2.514	76	718	0.265	ug/l #	80
19) Methyl tert-butyl Ether	3.111	73	12705	3.801	ug/l	98
22) Diisopropyl ether	3.770	45	1830	0.517	ug/l #	56
23) Vinyl Acetate	3.764	43	970	0.295	ug/l #	73
24) 1,1-Dichloroethane	3.617	63	1444	0.742	ug/l #	83
31) Cyclohexane	5.550	56	2268	1.311	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	7442	4.912	ug/l #	49
38) Carbon Tetrachloride	5.544	117	8654	6.236	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	942	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	40585	21.812	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	40585	63.360	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	364	0.247	ug/l #	66

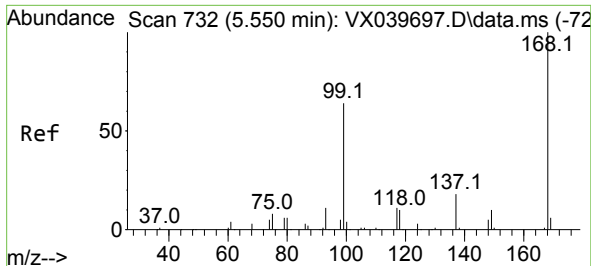
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-191-GW-278-280

Quant Time: Jan 23 00:18:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

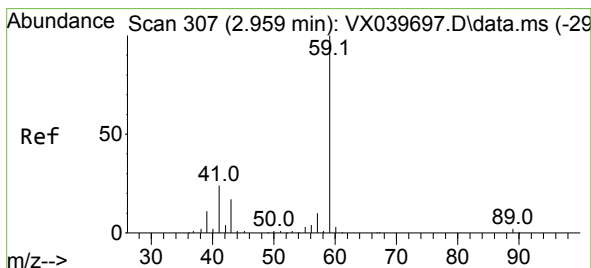
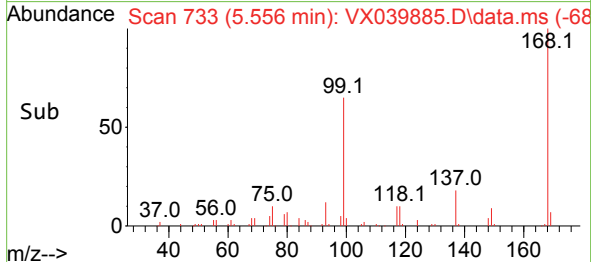
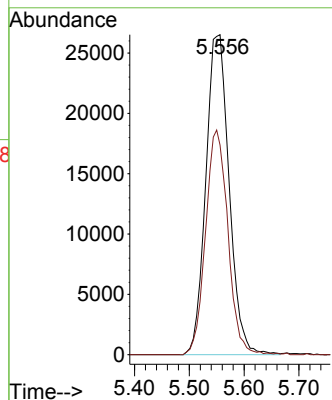
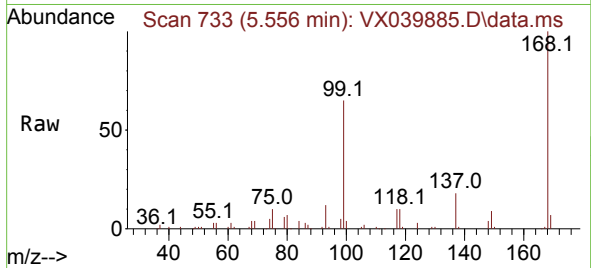




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

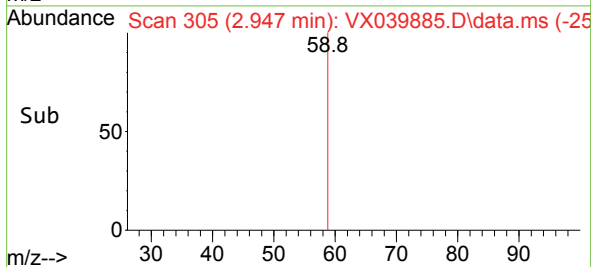
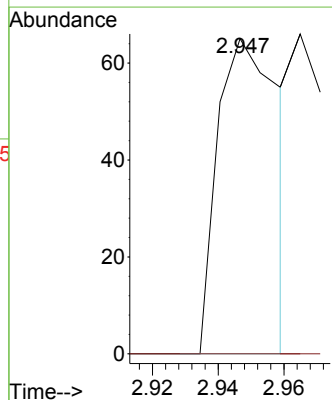
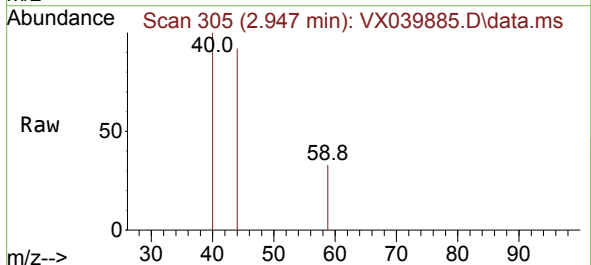
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-278-280

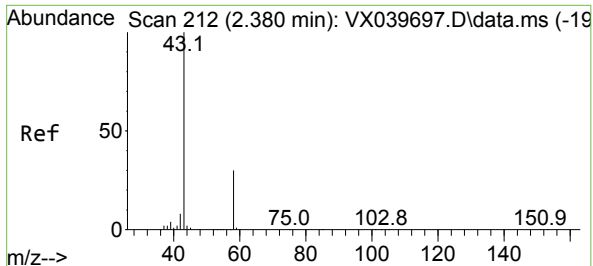
Tgt Ion:168 Resp: 78234
Ion Ratio Lower Upper
168 100
99 65.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.246 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion: 59 Resp: 84
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#16

Acetone

Concen: 2.026 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX039885.D

Acq: 22 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

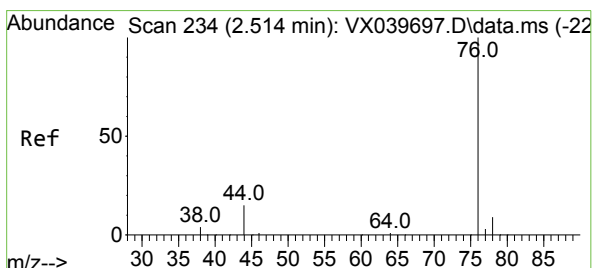
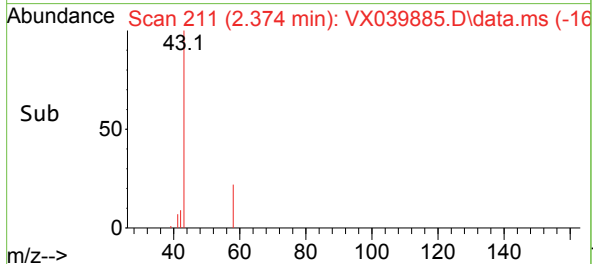
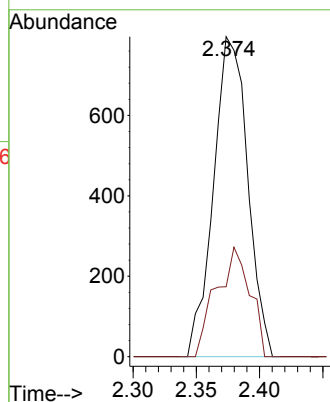
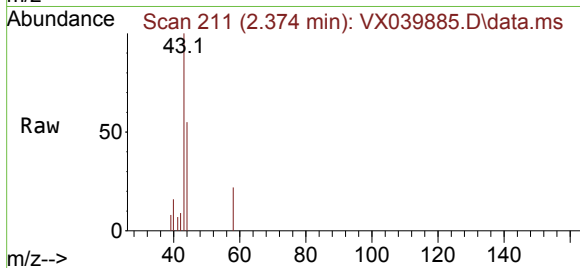
BP-VPB-191-GW-278-280

Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

58 21.9 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.265 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039885.D

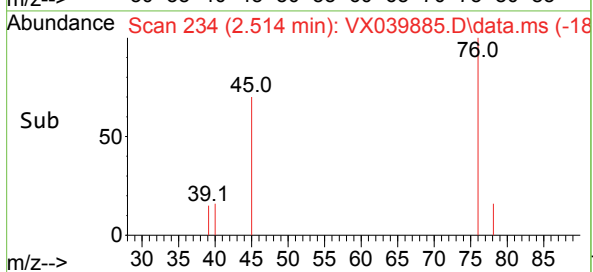
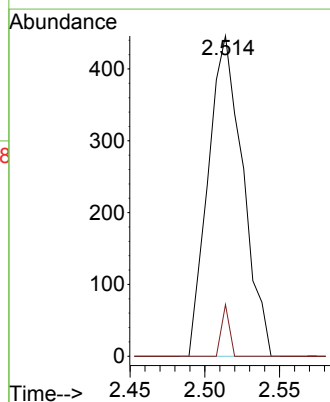
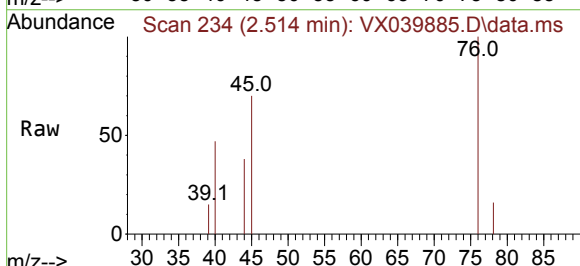
Acq: 22 Jan 2024 15:45

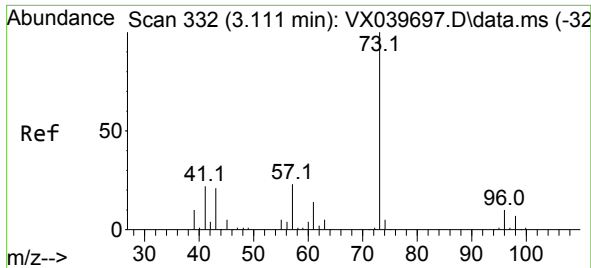
Tgt Ion: 76 Resp: 718

Ion Ratio Lower Upper

76 100

78 16.1 7.0 10.6#

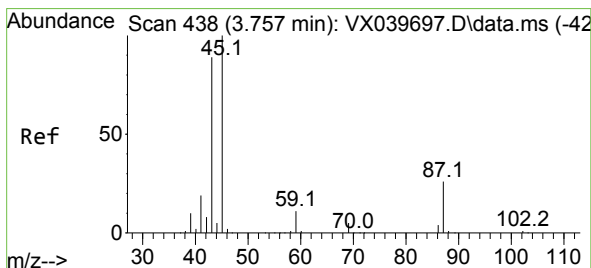
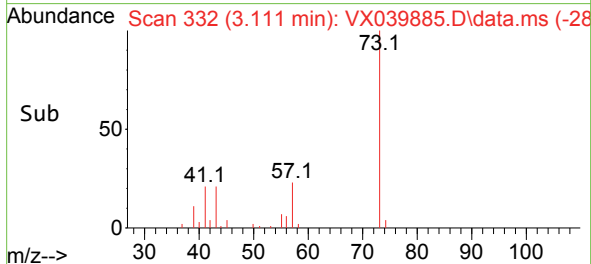
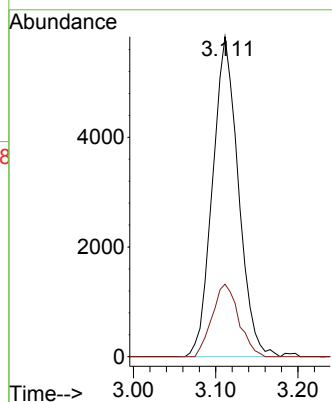
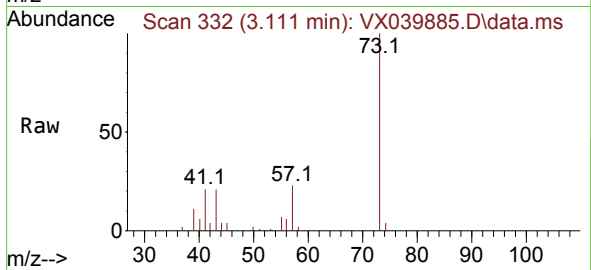




#19
Methyl tert-butyl Ether
Concen: 3.801 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

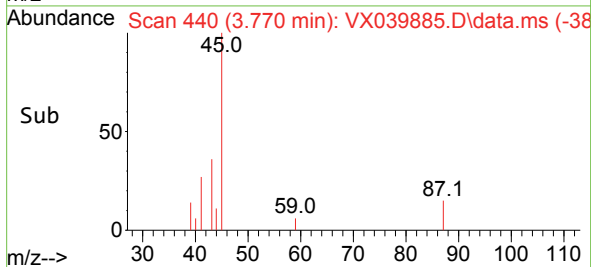
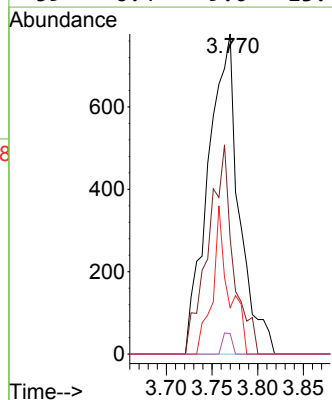
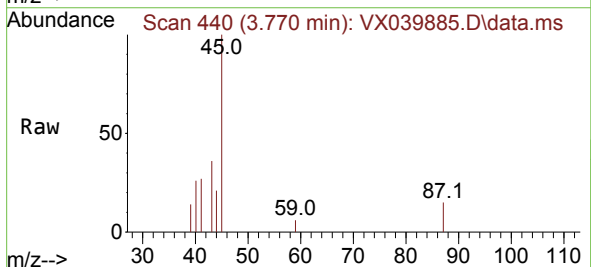
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-278-280

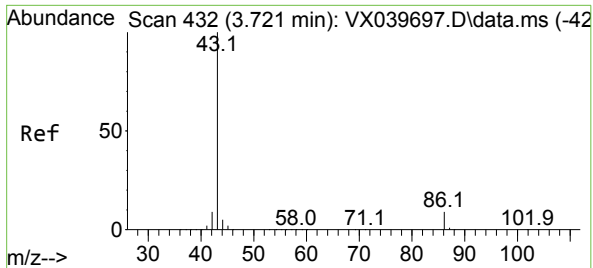
Tgt Ion: 73 Resp: 12705
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#22
Diisopropyl ether
Concen: 0.517 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.012 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion: 45 Resp: 1830
Ion Ratio Lower Upper
45 100
43 36.3 69.7 104.5#
87 14.5 20.8 31.2#
59 6.4 9.0 13.4#

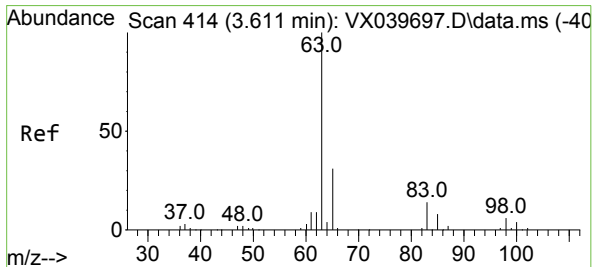
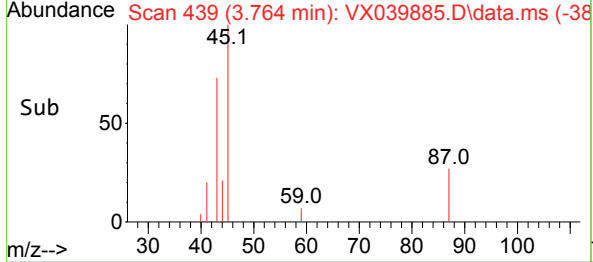
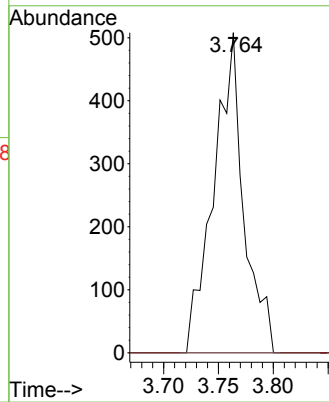
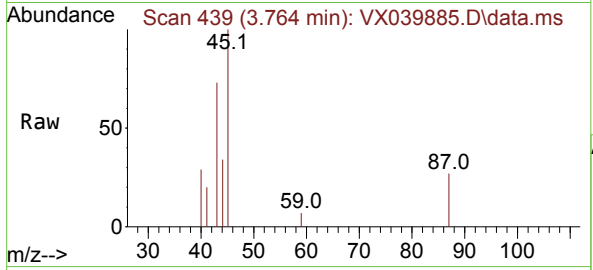




#23
 Vinyl Acetate
 Concen: 0.295 ug/l
 RT: 3.764 min Scan# 415
 Delta R.T. 0.043 min
 Lab File: VX039885.D
 Acq: 22 Jan 2024 15:45

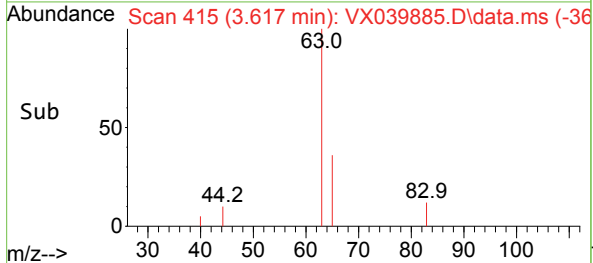
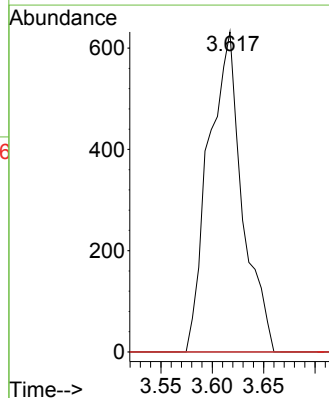
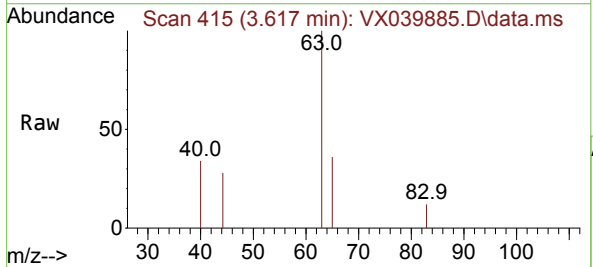
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-278-280

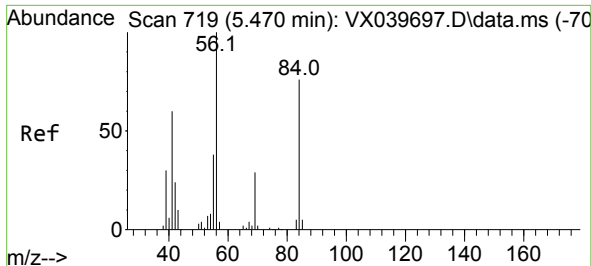
Tgt Ion: 43 Resp: 970
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#24
 1,1-Dichloroethane
 Concen: 0.742 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX039885.D
 Acq: 22 Jan 2024 15:45

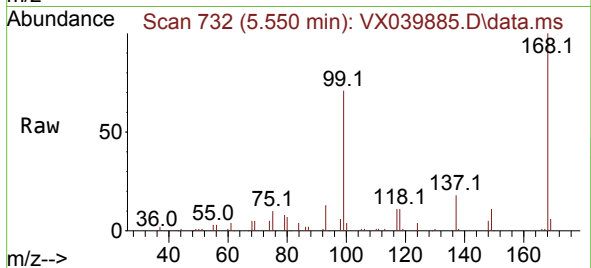
Tgt Ion: 63 Resp: 1444
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.3 9.8#
 100 0.0 2.1 6.5#



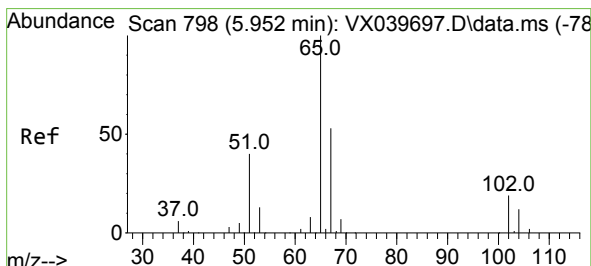
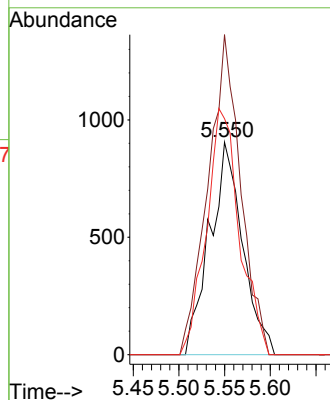
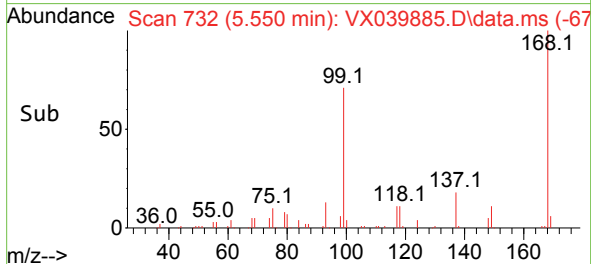


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-278-280

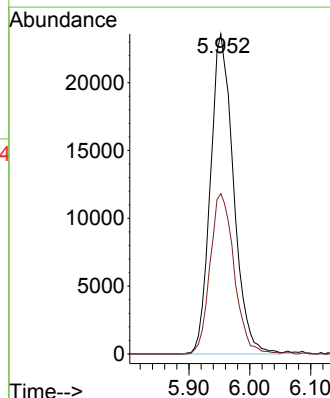
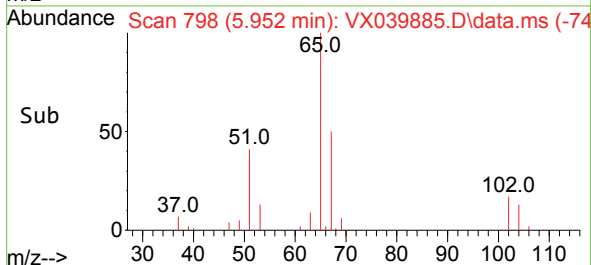
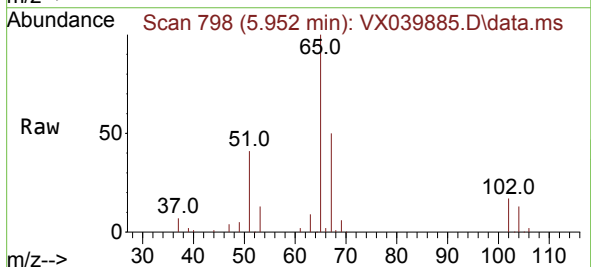


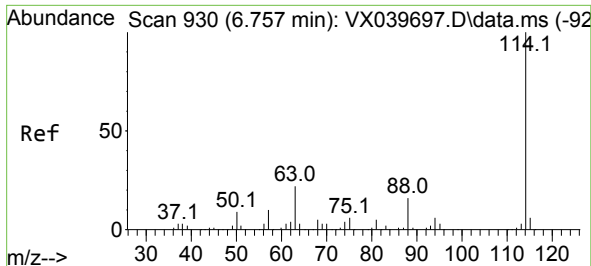
Tgt Ion: 56 Resp: 2268
Ion Ratio Lower Upper
56 100
69 150.6 23.4 35.2#
84 111.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.392 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion: 65 Resp: 62109
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

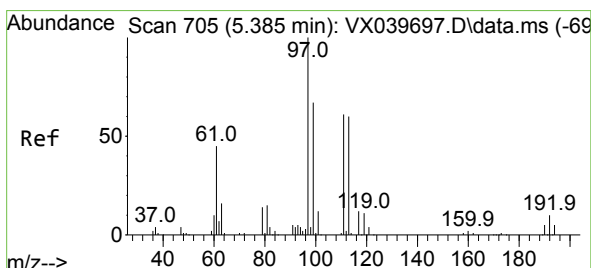
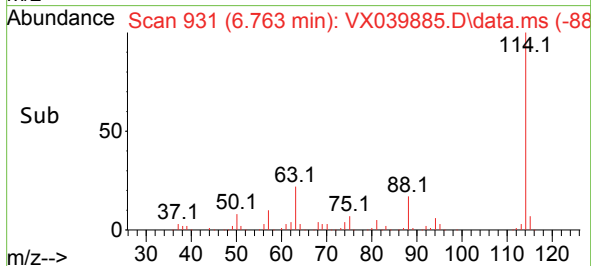
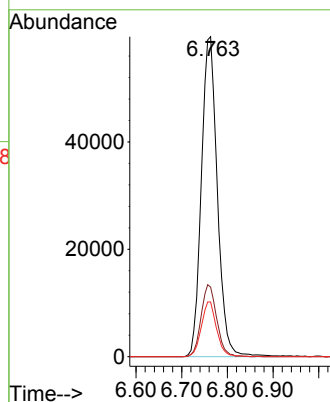
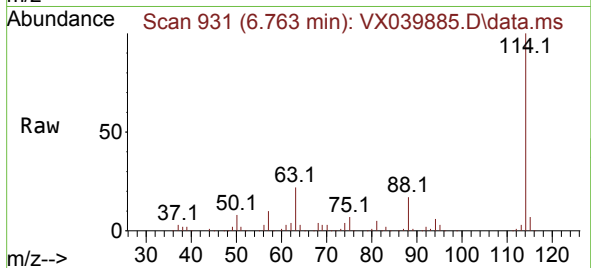




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

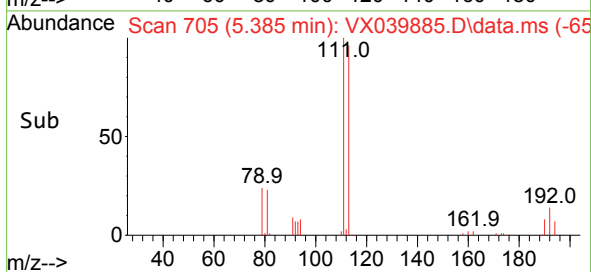
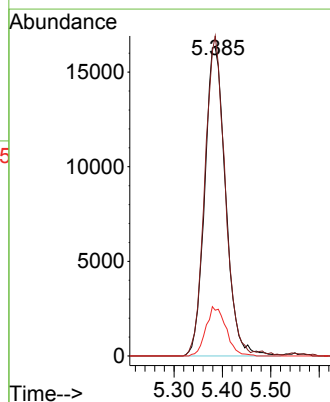
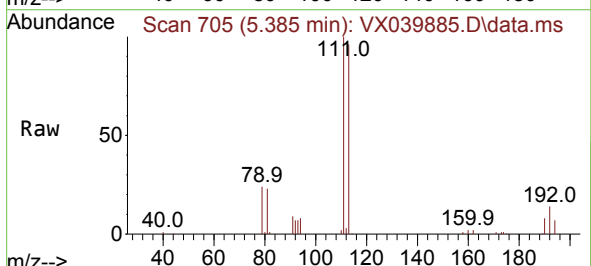
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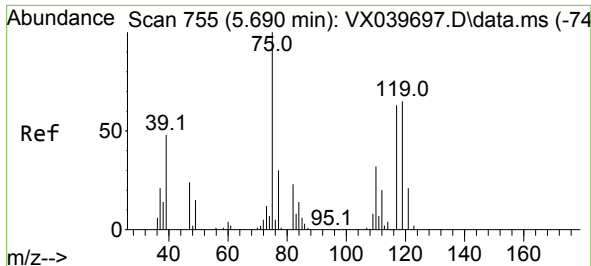
Tgt Ion:114 Resp: 144514
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 17.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion:113 Resp: 48935
Ion Ratio Lower Upper
113 100
111 100.4 82.9 124.3
192 15.4 13.3 19.9

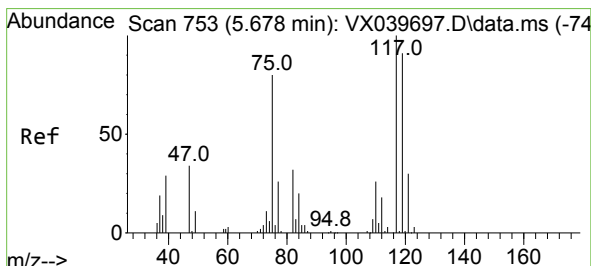
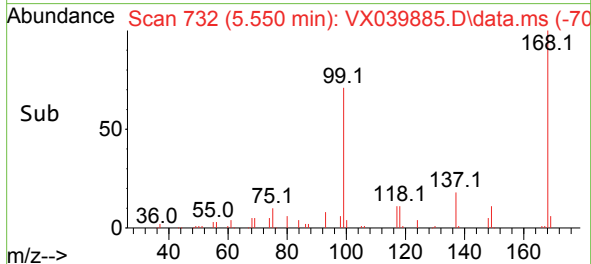
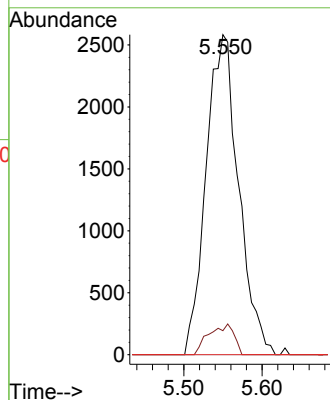
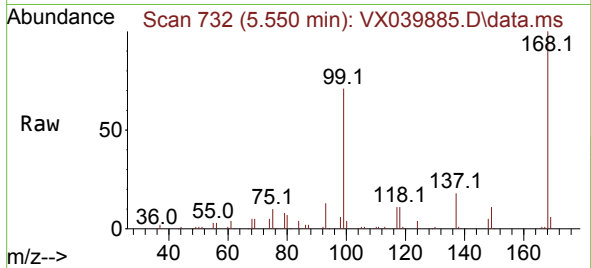




#36
1,1-Dichloropropene
Concen: 4.912 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

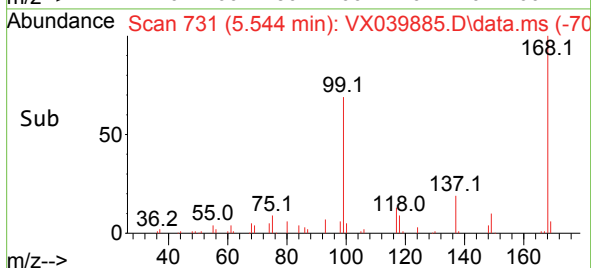
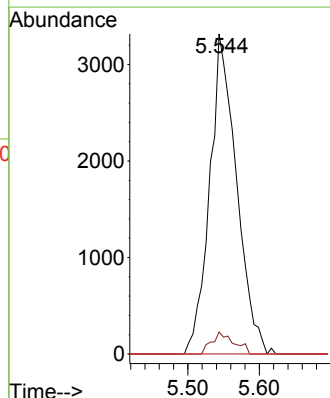
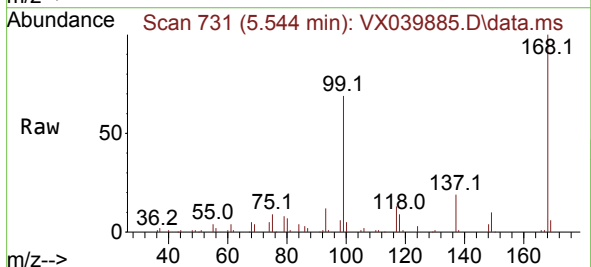
Instrument :
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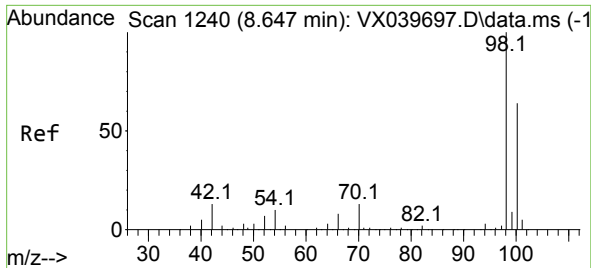
Tgt Ion: 75 Resp: 7442
Ion Ratio Lower Upper
75 100
110 7.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.236 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion: 117 Resp: 8654
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#

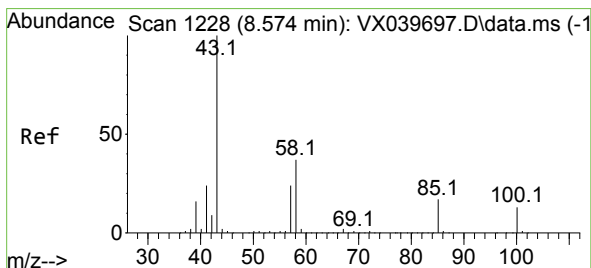
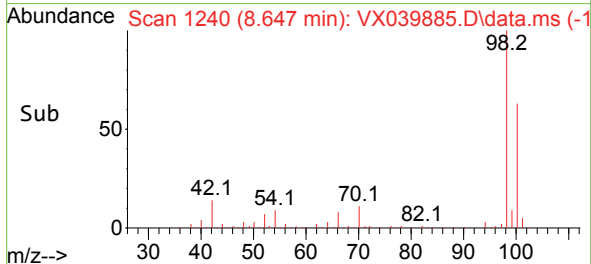
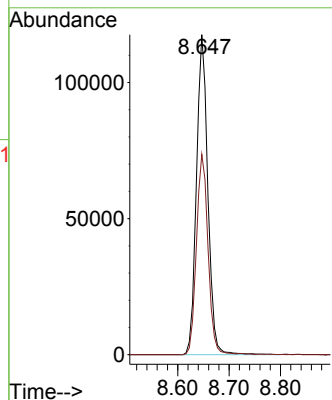
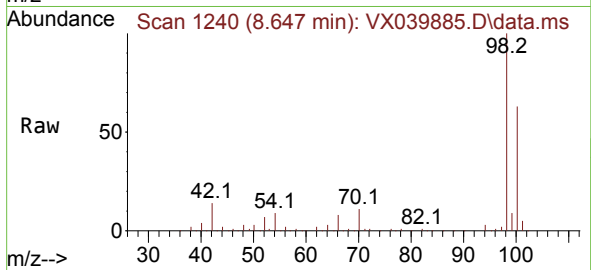




#50
Toluene-d8
Concen: 49.305 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

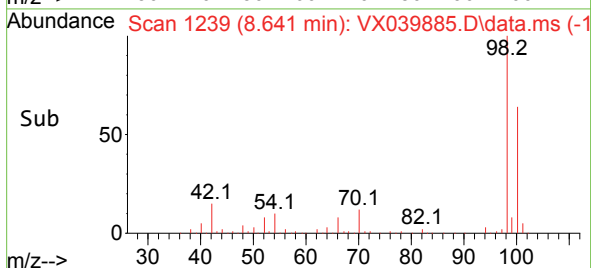
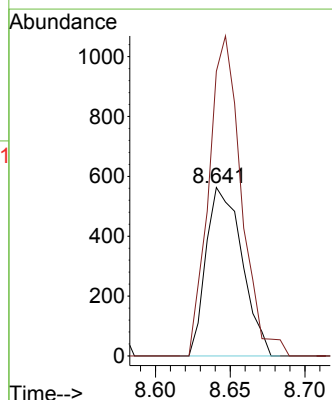
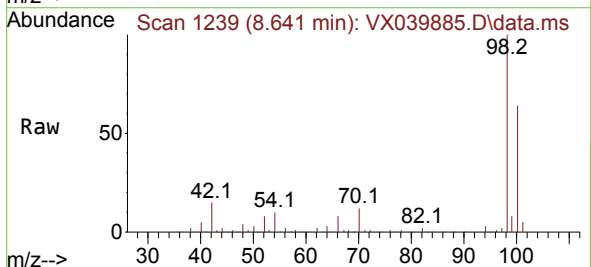
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-278-280

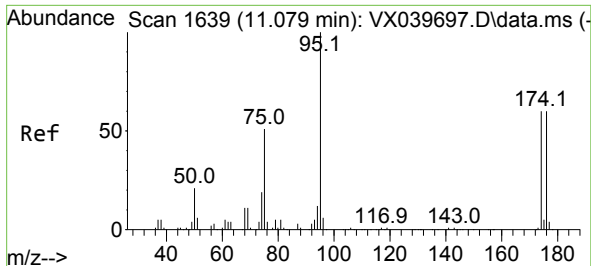
Tgt Ion: 98 Resp: 181004
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
58 172.2 30.4 45.6#

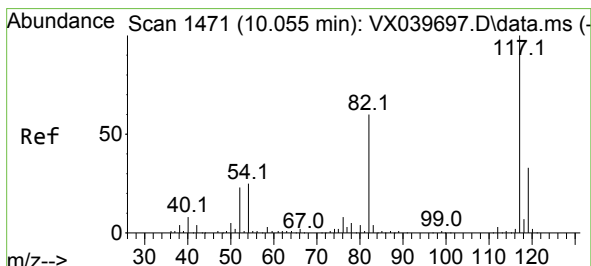
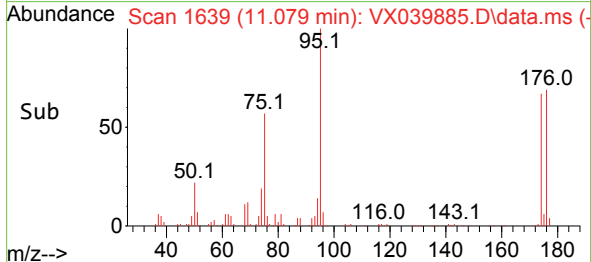
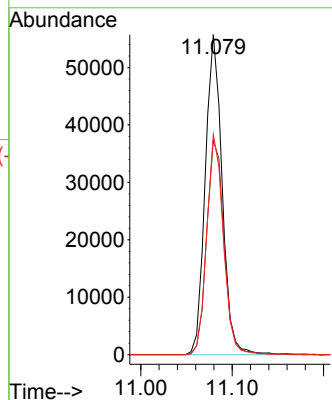
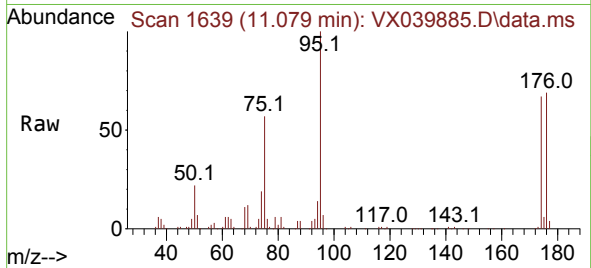




#62
4-Bromofluorobenzene
Concen: 49.633 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

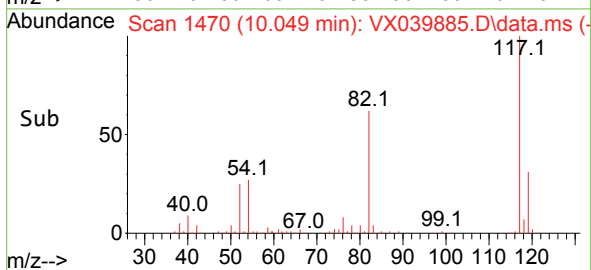
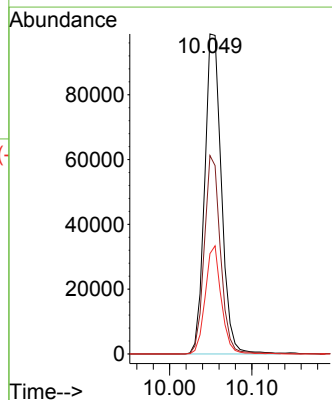
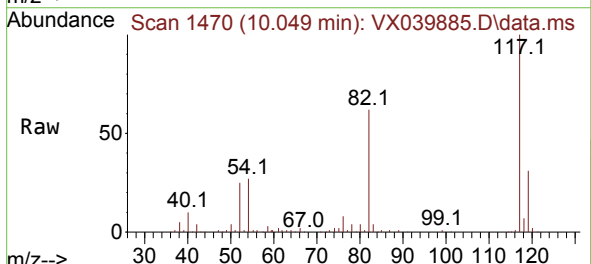
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-278-280

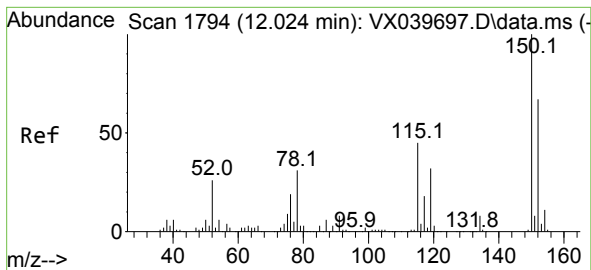
Tgt Ion: 95 Resp: 71252
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.6
176 67.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion: 117 Resp: 139815
Ion Ratio Lower Upper
117 100
82 62.0 46.2 69.4
119 31.3 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: VX039885.D

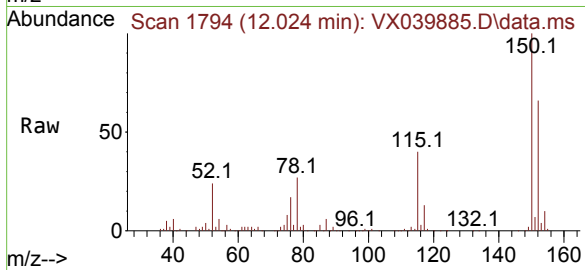
Acq: 22 Jan 2024 15:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-278-280



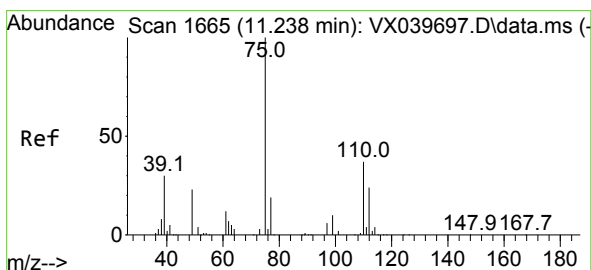
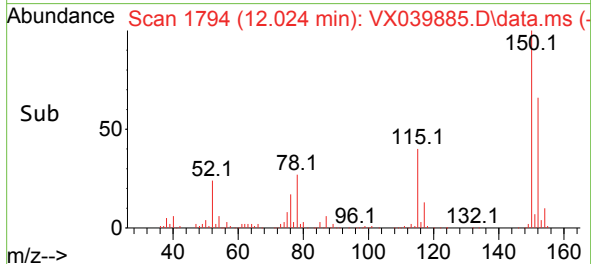
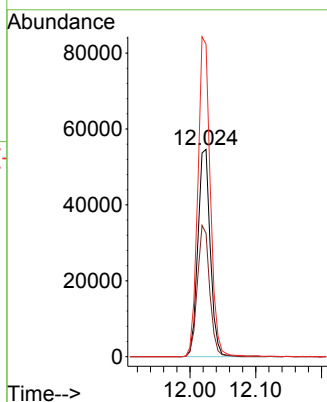
Tgt Ion:152 Resp: 71768

Ion Ratio Lower Upper

152 100

115 62.3 43.3 129.9

150 154.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.812 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039885.D

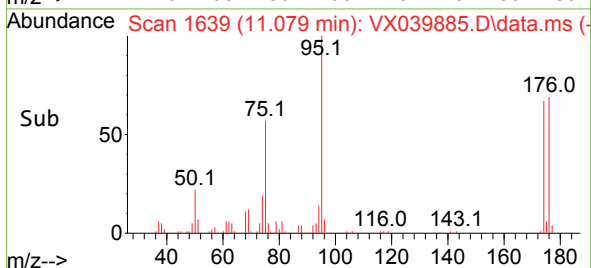
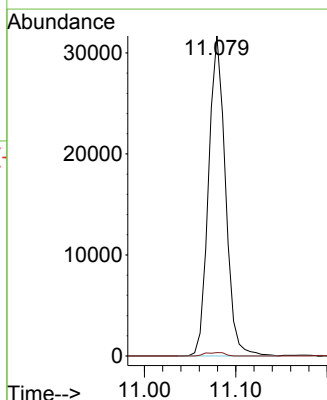
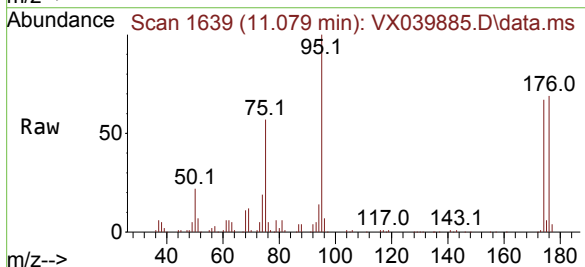
Acq: 22 Jan 2024 15:45

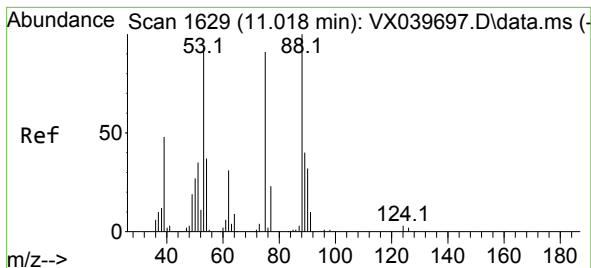
Tgt Ion: 75 Resp: 40585

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

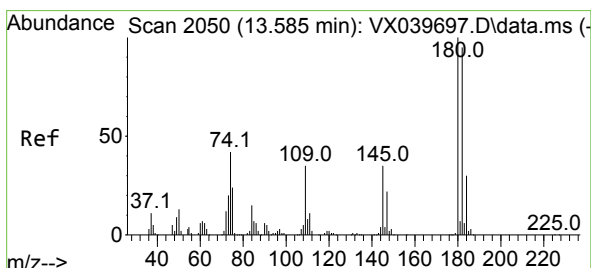
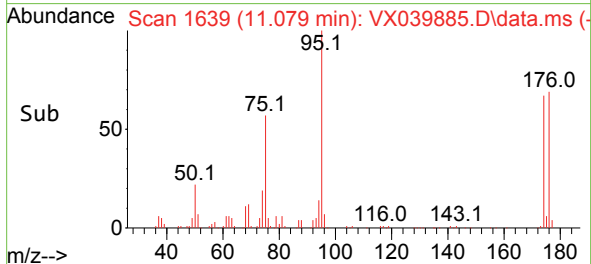
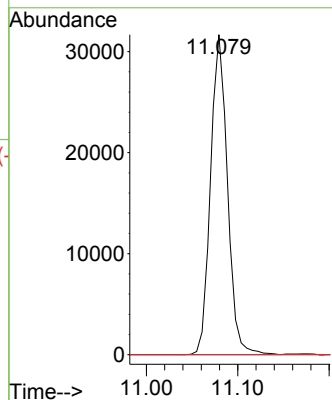
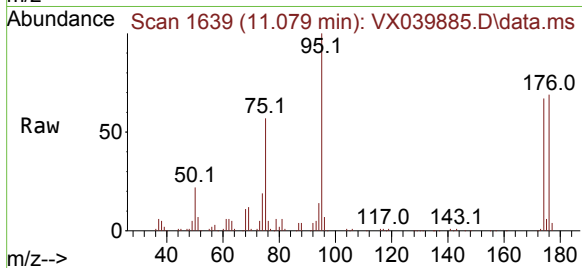




#81
trans-1,4-Dichloro-2-butene
Concen: 63.360 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-278-280

Tgt Ion: 75 Resp: 40585
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039885.D
Acq: 22 Jan 2024 15:45

Tgt Ion:180 Resp: 364
Ion Ratio Lower Upper
180 100
182 65.4 48.3 144.8
145 12.6 18.0 54.0#

