

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012324\
 Data File : VX039907.D
 Acq On : 23 Jan 2024 14:02
 Operator : JC/MD
 Sample : P1222-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-398-400

Quant Time: Jan 24 02:32:04 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)

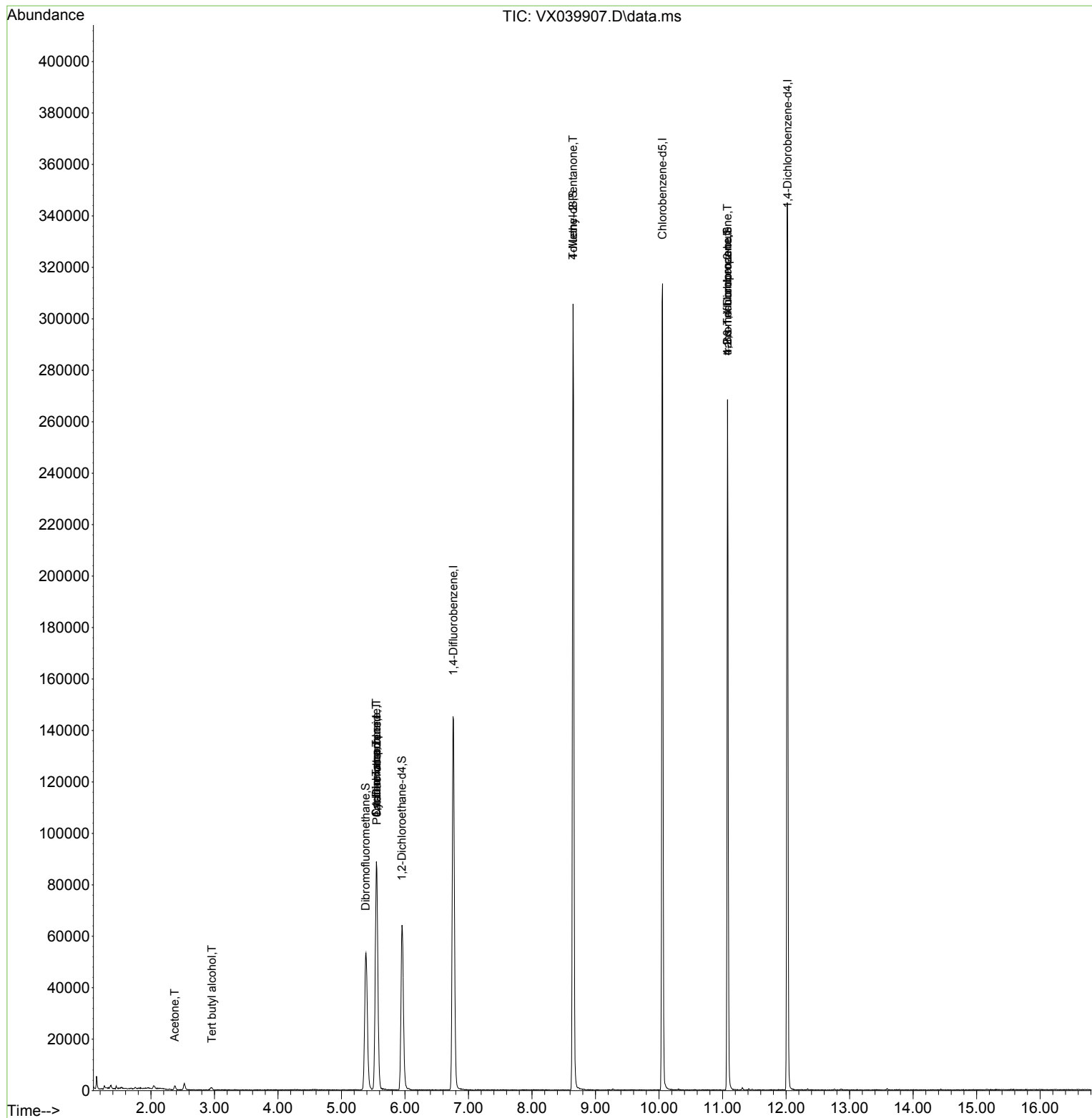
Internal Standards						
1) Pentafluorobenzene	5.556	168	77319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61462	47.453	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.900%
35) Dibromofluoromethane	5.379	113	47492	49.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.040%
50) Toluene-d8	8.647	98	176714	48.361	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.079	95	67878	47.504	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1268	3.761	ug/l #	78
16) Acetone	2.374	43	1803	2.475	ug/l	93
31) Cyclohexane	5.550	56	2289	1.339	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7343	4.869	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8882	6.431	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	978	0.481	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38069	21.798	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	38069	63.324	ug/l #	5

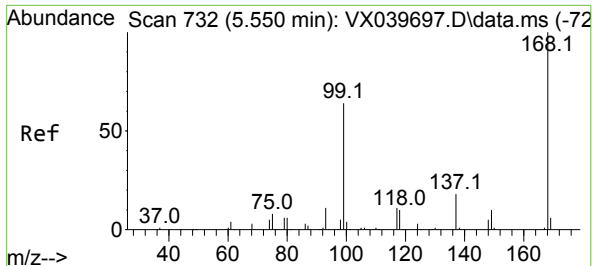
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-191-GW-398-400

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

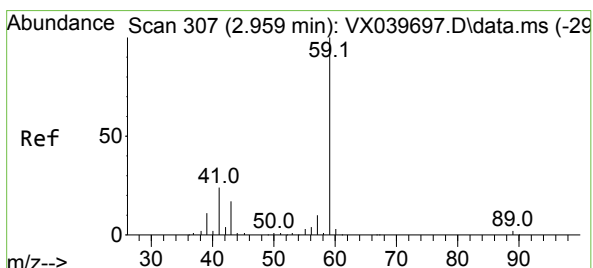
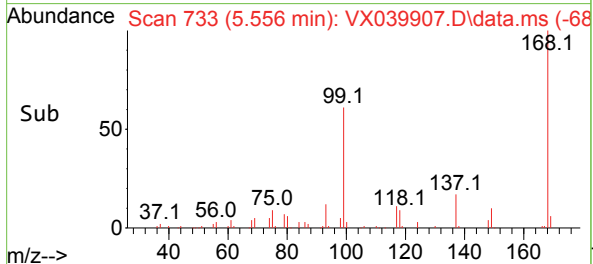
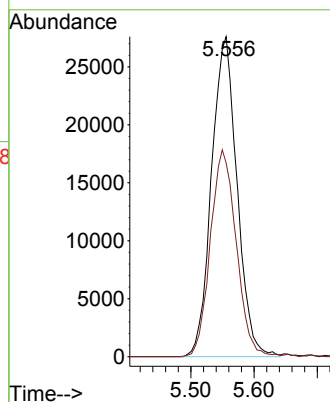
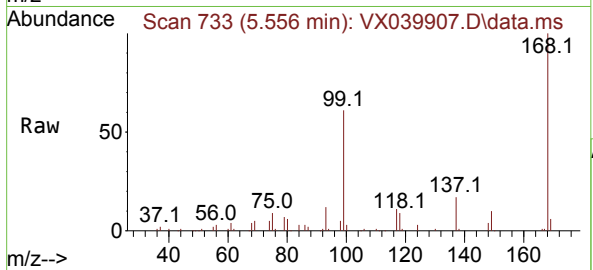




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

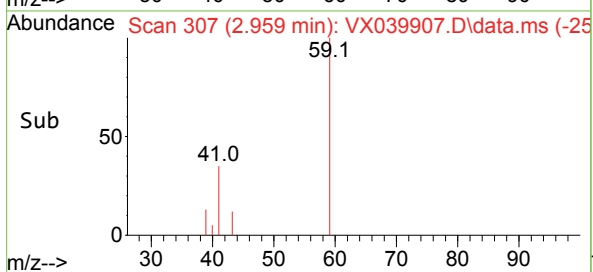
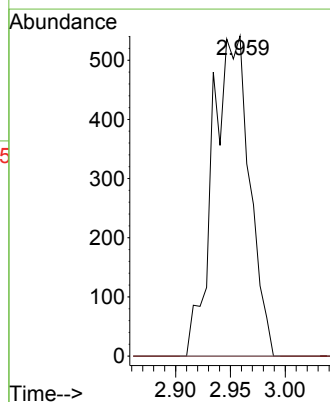
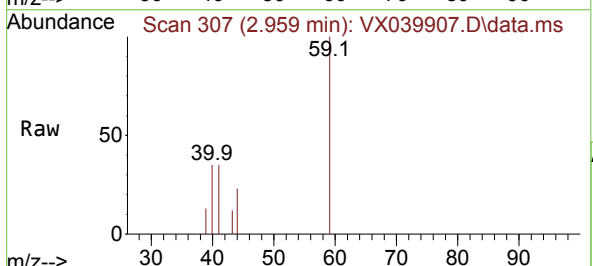
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-398-400

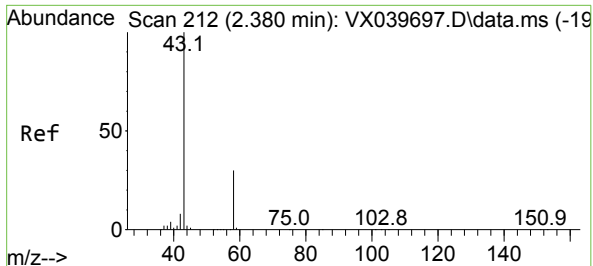
Tgt Ion:168 Resp: 77319
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.761 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Tgt Ion: 59 Resp: 1268
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

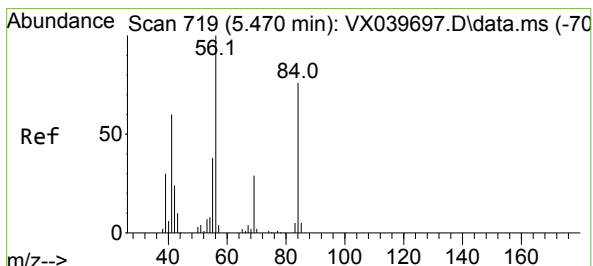
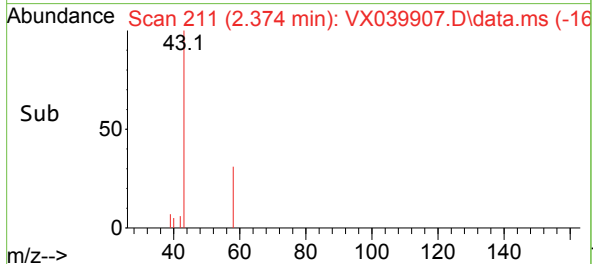
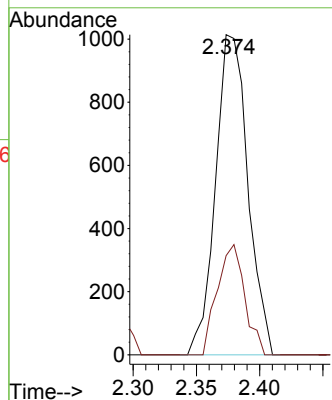
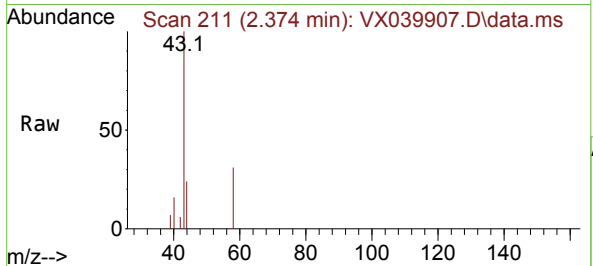




#16
Acetone
Concen: 2.475 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

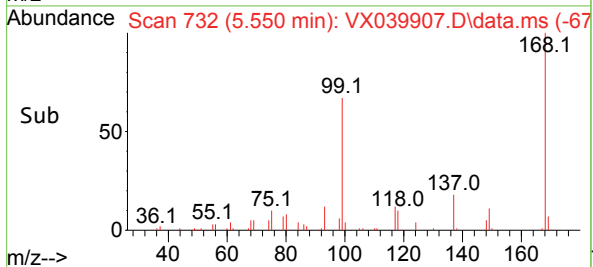
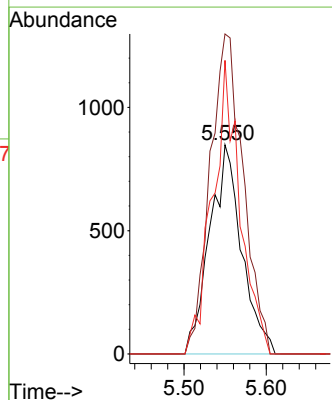
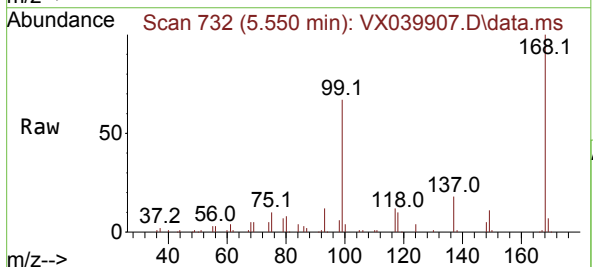
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-398-400

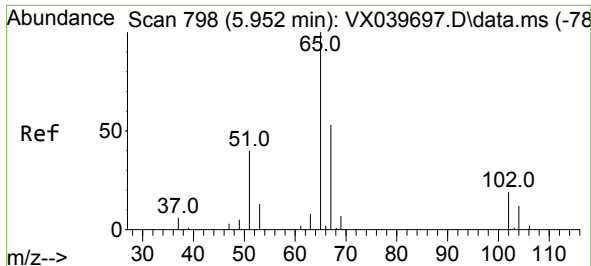
Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9



#31
Cyclohexane
Concen: 1.339 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Tgt Ion: 56 Resp: 2289
Ion Ratio Lower Upper
56 100
69 153.1 23.4 35.2#
84 140.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.453 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039907.D

Acq: 23 Jan 2024 14:02

Instrument :

MSVOA_X

ClientSampleId :

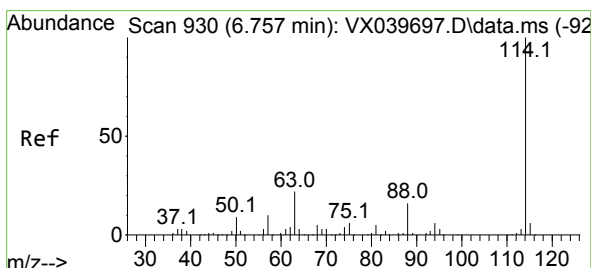
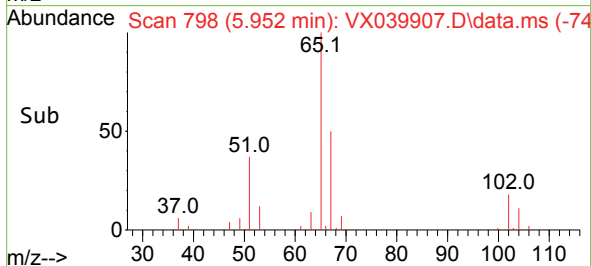
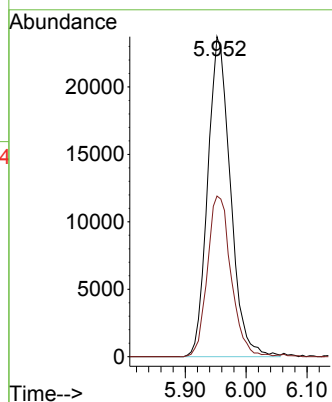
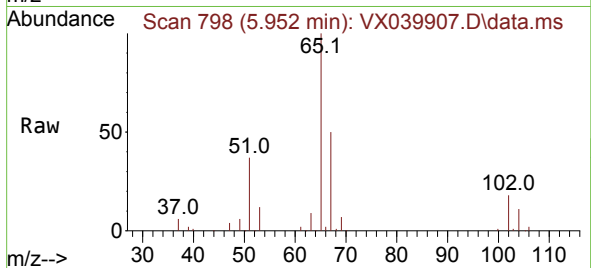
BP-VPB-191-GW-398-400

Tgt Ion: 65 Resp: 61462

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039907.D

Acq: 23 Jan 2024 14:02

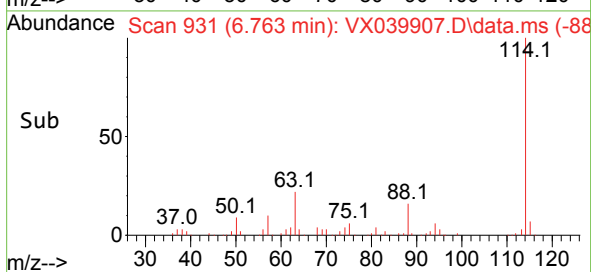
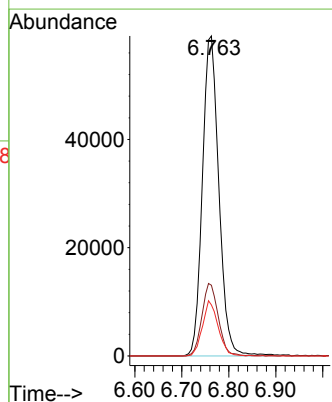
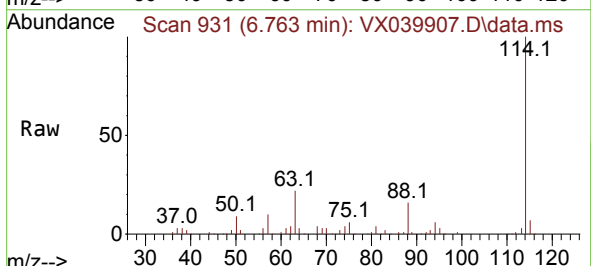
Tgt Ion: 114 Resp: 143842

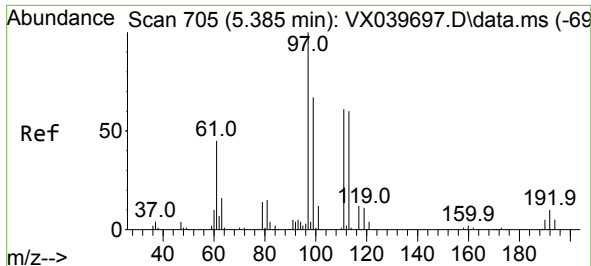
Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

88 15.9 0.0 36.6

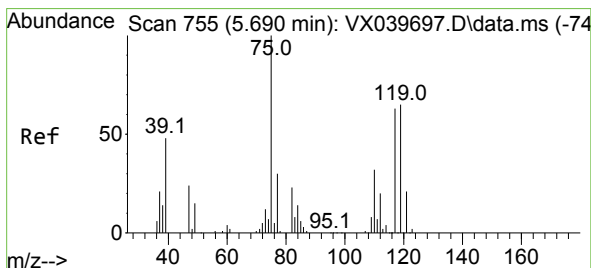
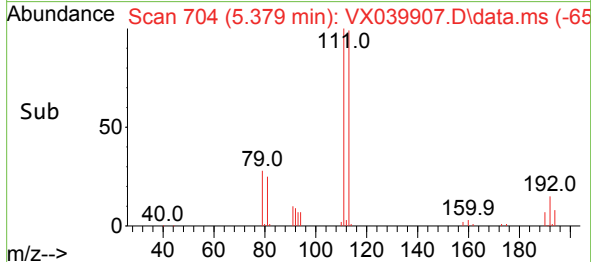
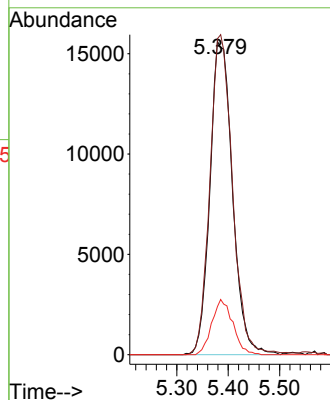
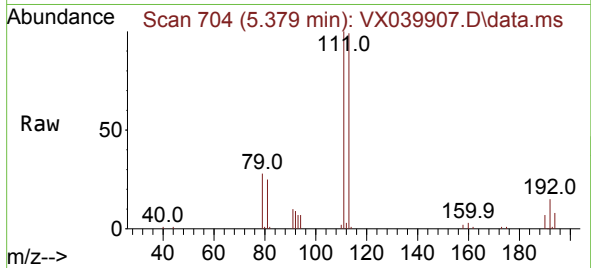




#35
Dibromofluoromethane
Concen: 49.020 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

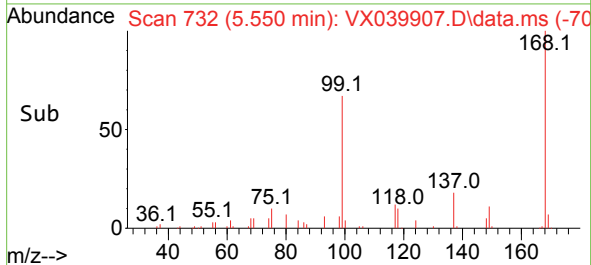
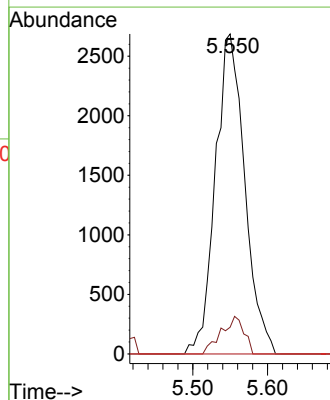
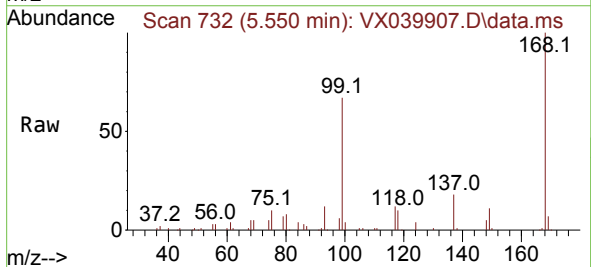
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-398-400

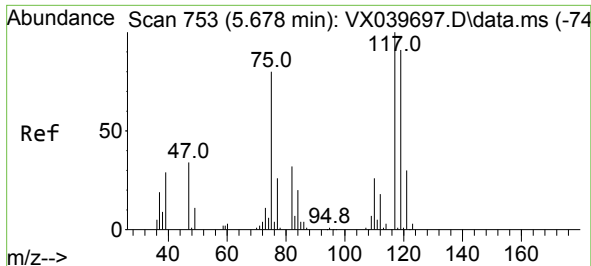
Tgt Ion:113 Resp: 47492
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

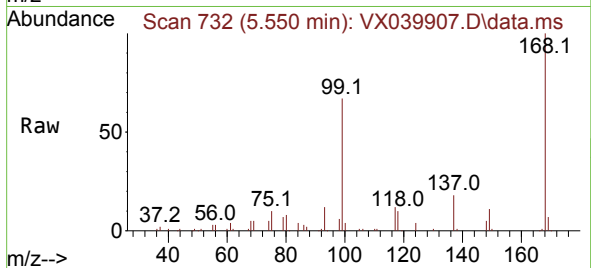
Tgt Ion: 75 Resp: 7343
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#



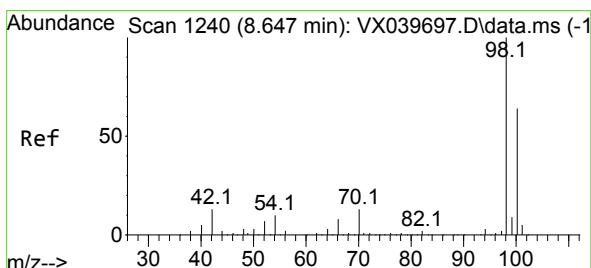
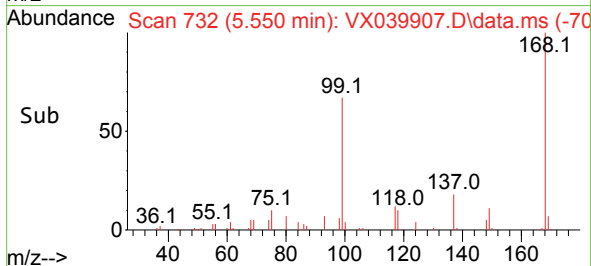
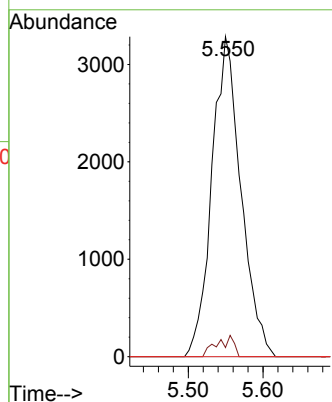


#38
Carbon Tetrachloride
Concen: 6.431 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-398-400

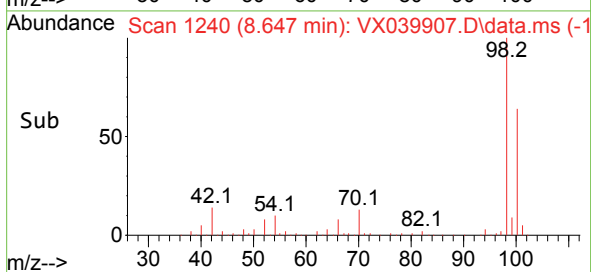
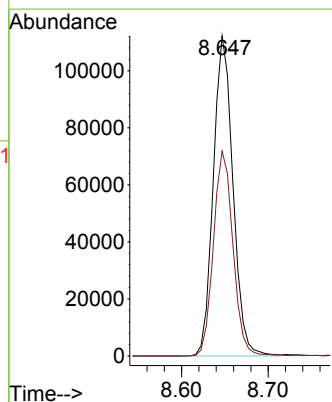
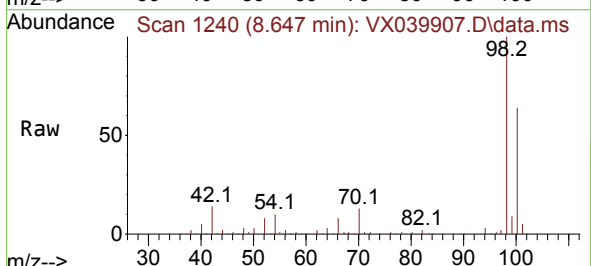


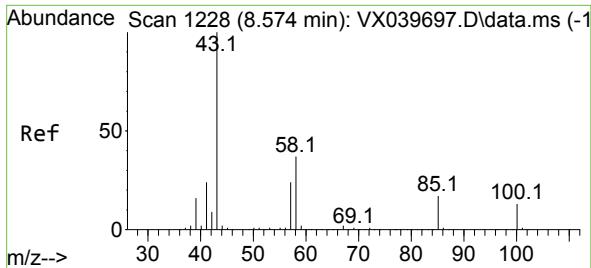
Tgt Ion:117 Resp: 8882
Ion Ratio Lower Upper
117 100
119 2.8 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.361 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Tgt Ion: 98 Resp: 176714
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

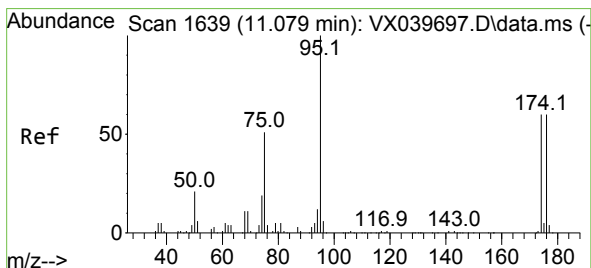
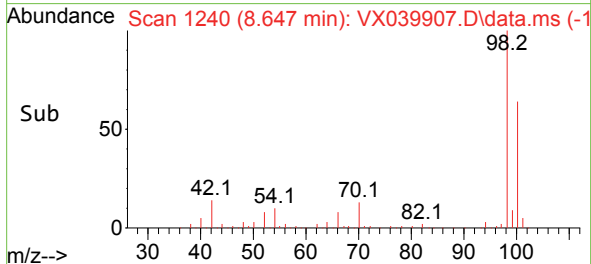
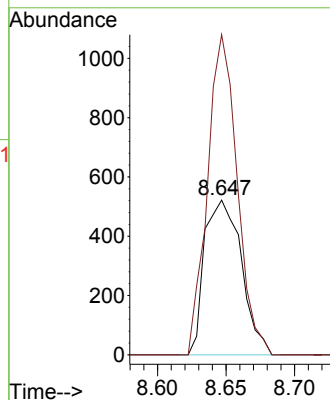
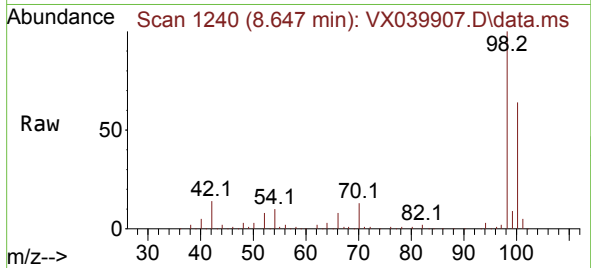




#51
4-Methyl-2-Pentanone
Concen: 0.481 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

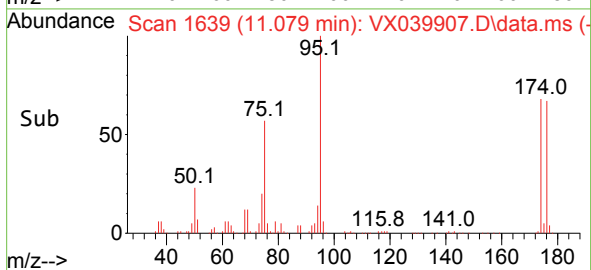
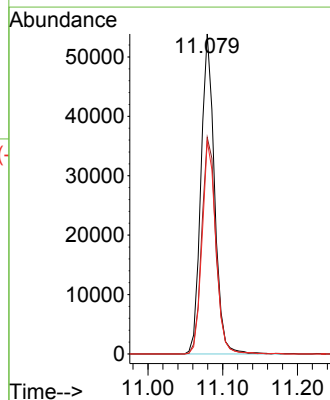
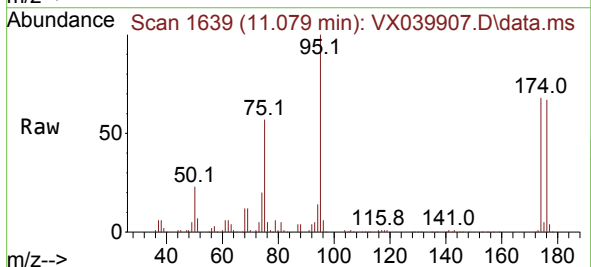
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BP-VPB-191-GW-398-400

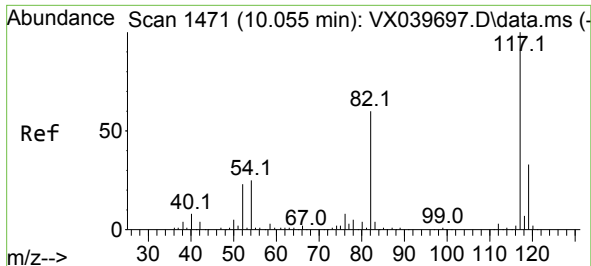
Tgt Ion: 43 Resp: 978
Ion Ratio Lower Upper
43 100
58 166.9 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 47.504 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Tgt Ion: 95 Resp: 67878
Ion Ratio Lower Upper
95 100
174 70.3 0.0 135.6
176 67.5 0.0 131.0

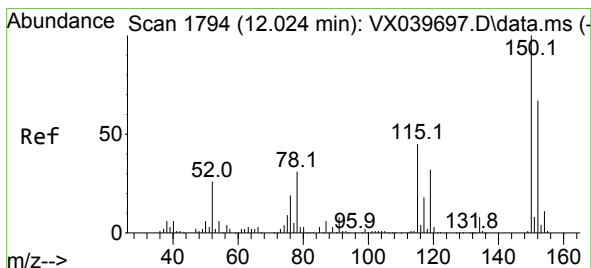
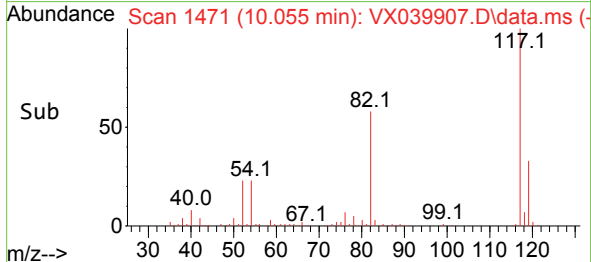
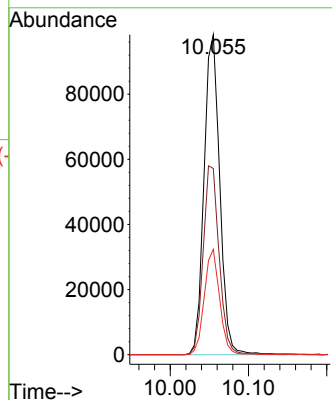
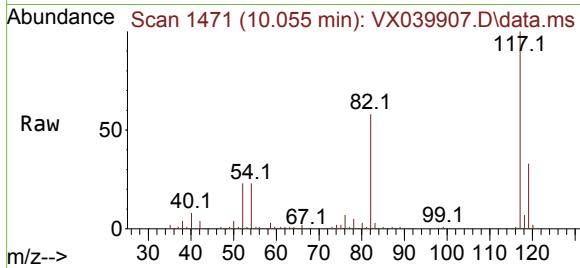




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

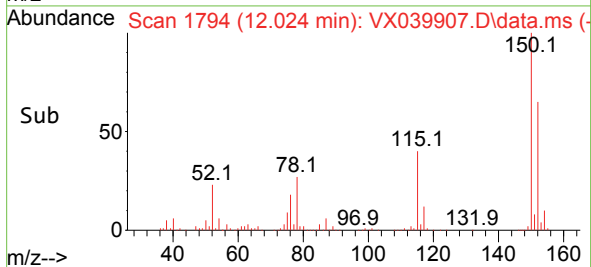
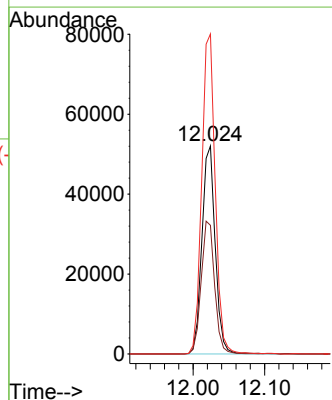
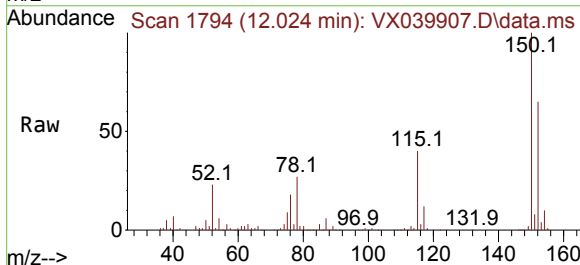
Instrument :
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BP-VPB-191-GW-398-400

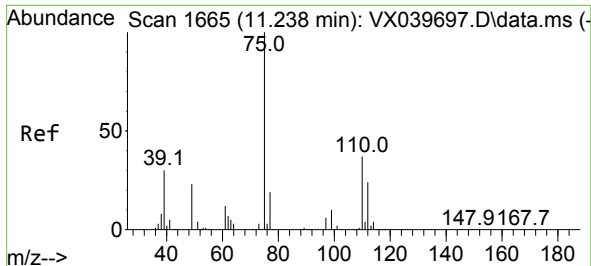
Tgt Ion:117 Resp: 136959
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Tgt Ion:152 Resp: 67362
Ion Ratio Lower Upper
152 100
115 64.2 43.3 129.9
150 155.3 0.0 345.0

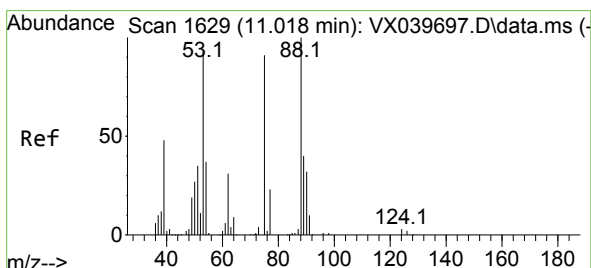
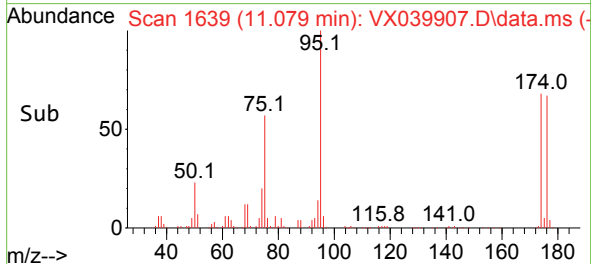
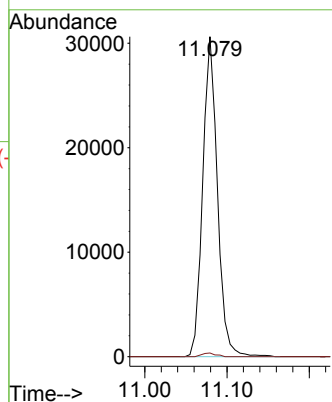
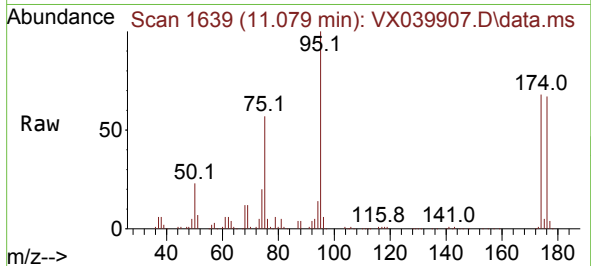




#76
1,2,3-Trichloropropane
Concen: 21.798 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-398-400

Tgt Ion: 75 Resp: 38069
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.324 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039907.D
Acq: 23 Jan 2024 14:02

Tgt Ion: 75 Resp: 38069
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

