

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041927.D
 Acq On : 18 Jun 2024 16:47
 Operator : JC/MD
 Sample : P2928-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-560-562

Quant Time: Jun 19 08:13:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:57:22 2024
 Response via : Initial Calibration

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

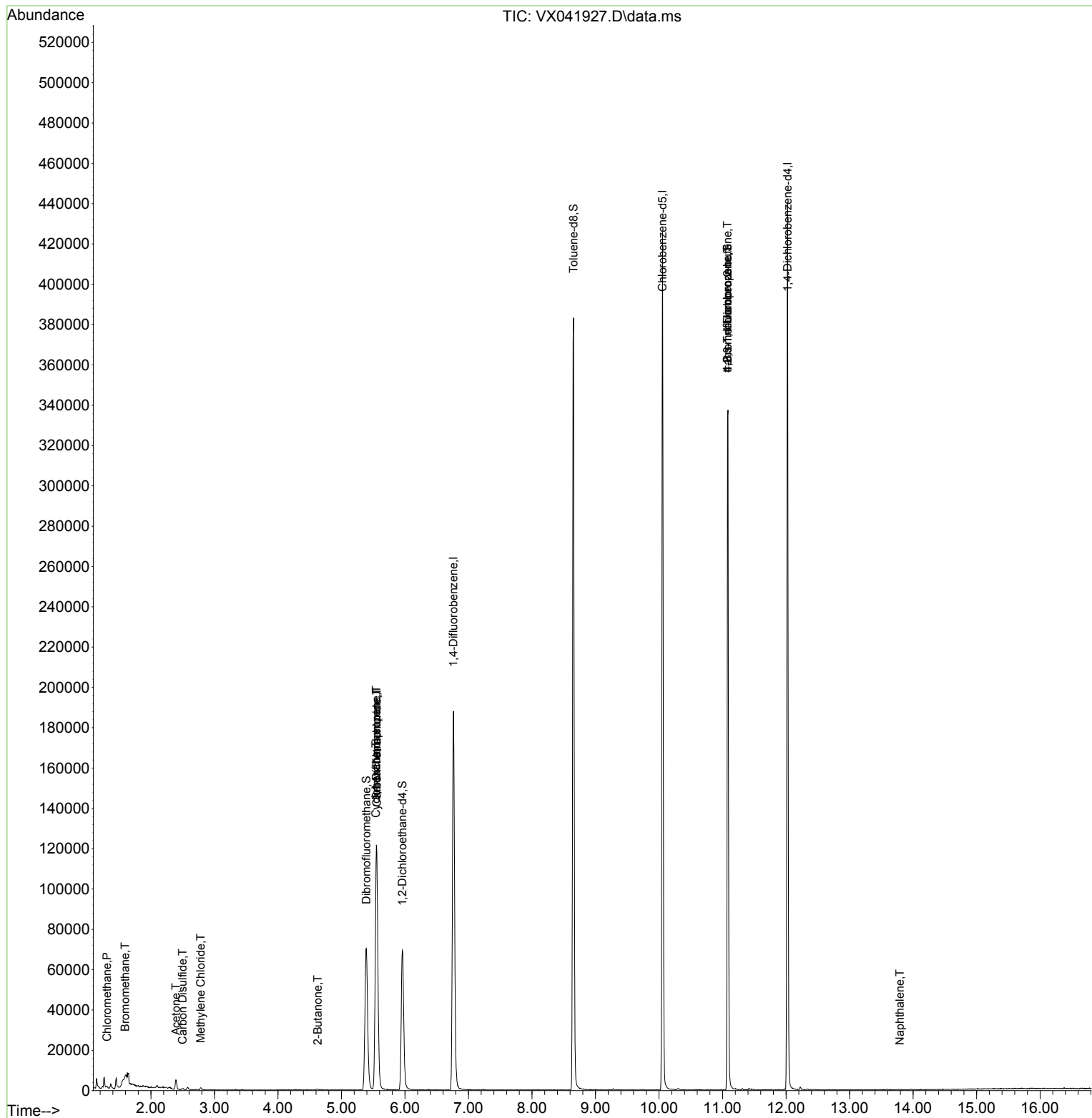
Internal Standards						
1) Pentafluorobenzene	5.550	168	135902	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	206392	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104341	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67947	43.358	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.720%
35) Dibromofluoromethane	5.391	113	63887	43.625	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.260%
50) Toluene-d8	8.653	98	243538	47.337	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.680%
62) 4-Bromofluorobenzene	11.079	95	91918	48.468	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	1273	0.980	ug/l	97
5) Bromomethane	1.593	94	244	0.380	ug/l	# 78
6) Chloroethane	1.642	64	93	Below Cal	#	43
16) Acetone	2.392	43	5269	7.657	ug/l	99
17) Carbon Disulfide	2.495	76	886	0.371	ug/l	# 76
20) Methylene Chloride	2.782	84	680	0.451	ug/l	90
25) 2-Butanone	4.623	43	436	0.407	ug/l	# 51
31) Cyclohexane	5.544	56	1845	1.007	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7867	5.059	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	11534	6.713	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	42054	22.201	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	42054	63.050	ug/l	# 5
95) Naphthalene	13.792	128	376	0.797	ug/l	# 69

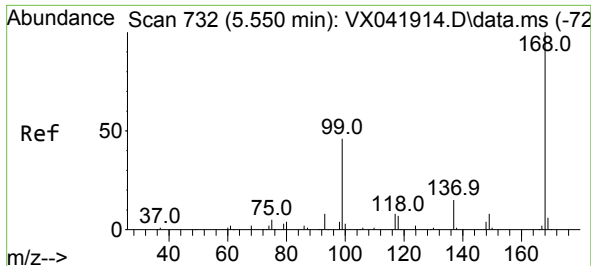
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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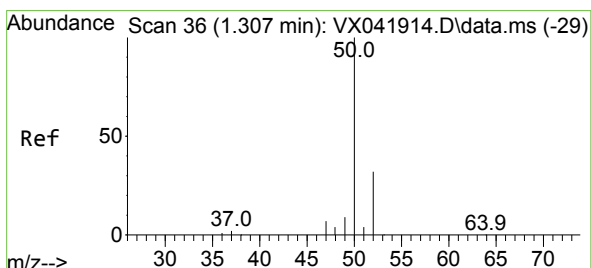
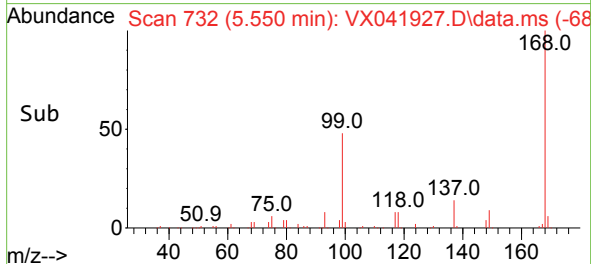
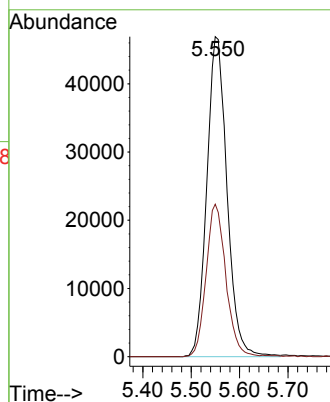
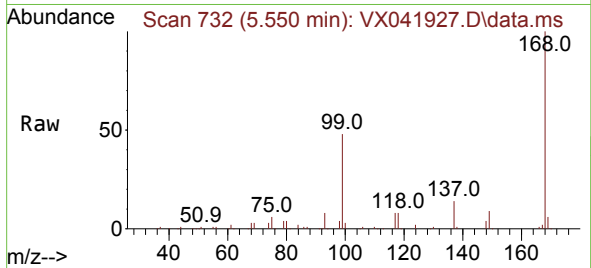




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

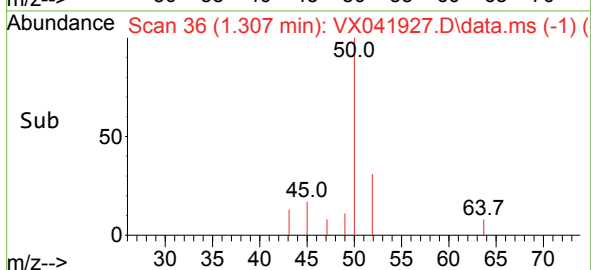
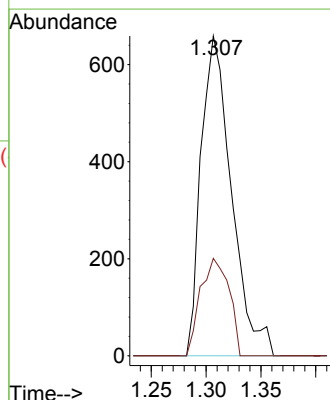
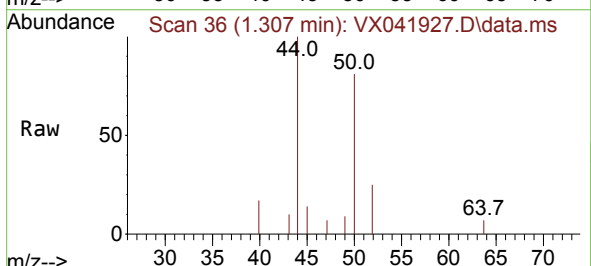
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-560-562

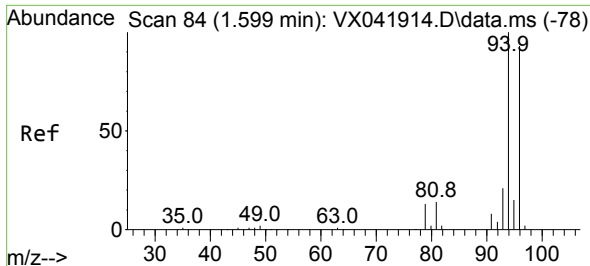
Tgt Ion:168 Resp: 135902
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#3
Chloromethane
Concen: 0.980 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion: 50 Resp: 1273
Ion Ratio Lower Upper
50 100
52 30.5 25.5 38.3

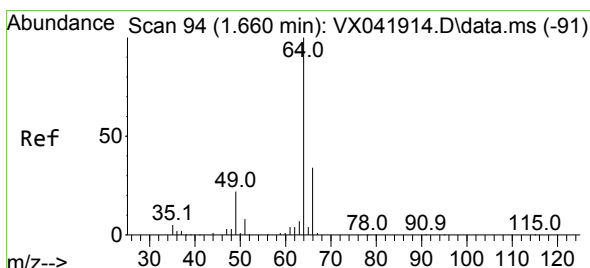
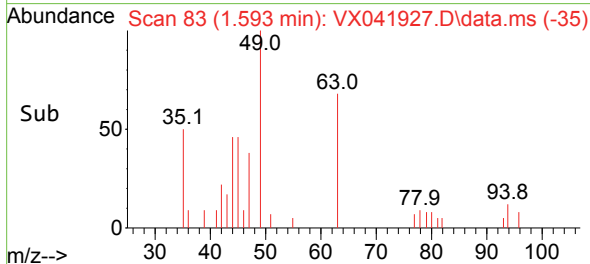
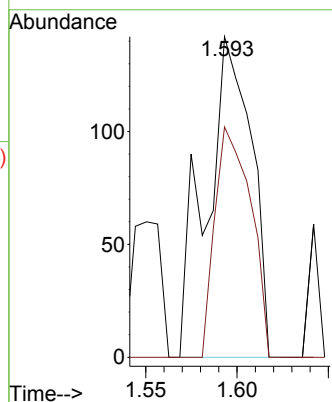
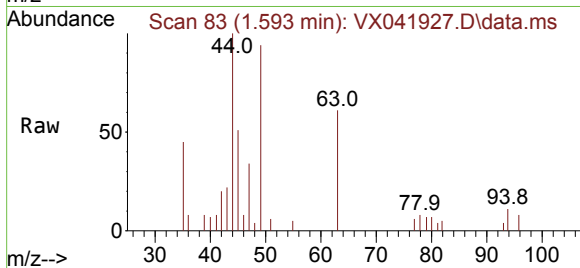




#5
Bromomethane
Concen: 0.380 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

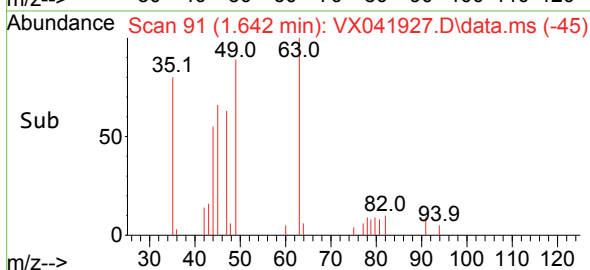
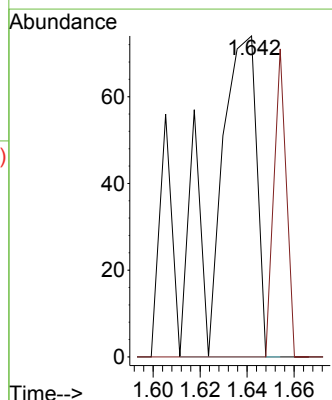
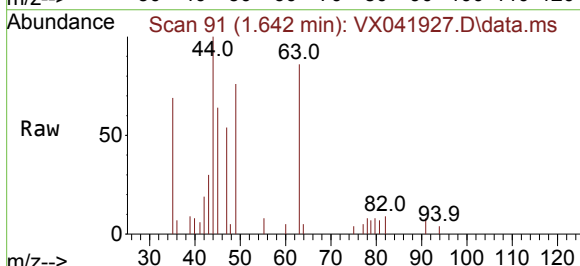
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-560-562

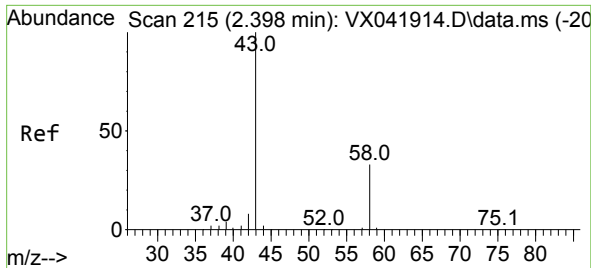
Tgt Ion: 94 Resp: 244
Ion Ratio Lower Upper
94 100
96 71.8 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.642 min Scan# 91
Delta R.T. -0.018 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

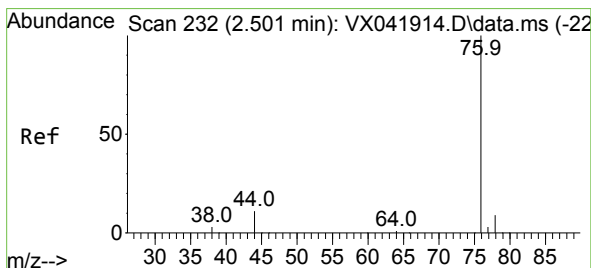
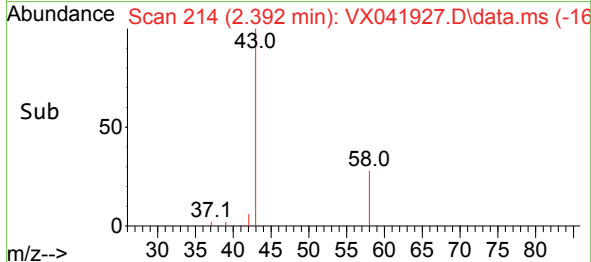
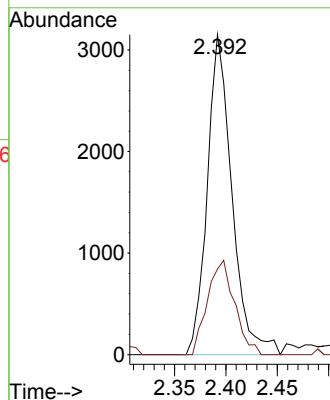
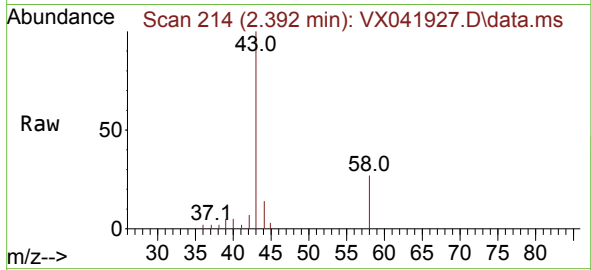




#16
Acetone
Concen: 7.657 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

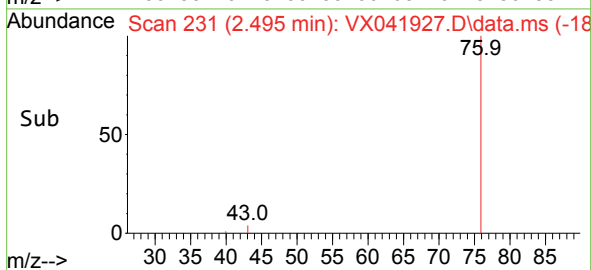
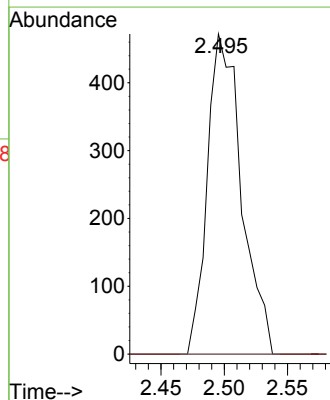
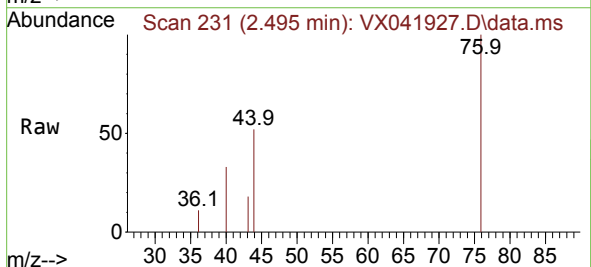
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-560-562

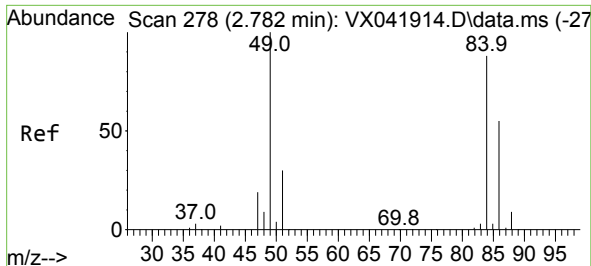
Tgt Ion: 43 Resp: 5269
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion: 76 Resp: 886
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

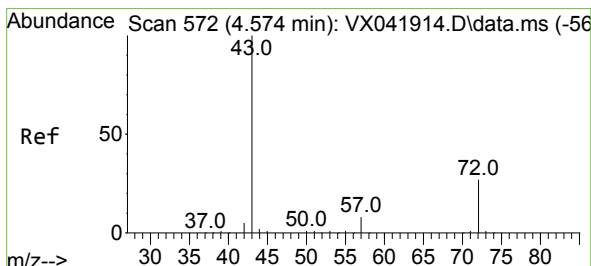
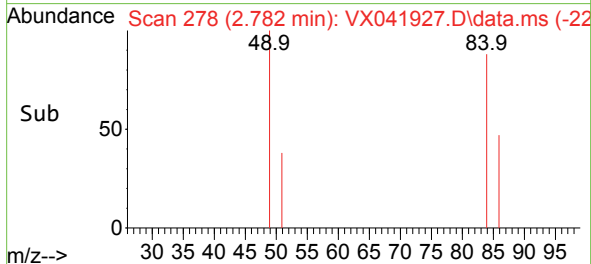
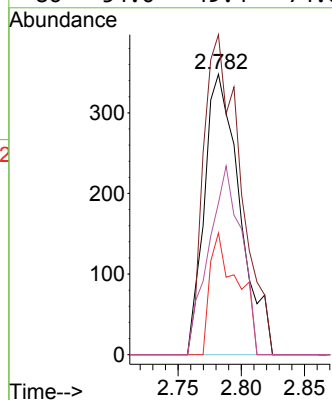
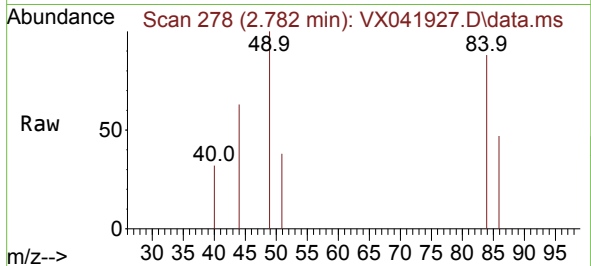




#20
Methylene Chloride
Concen: 0.451 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

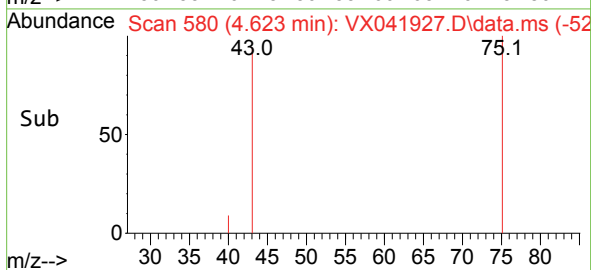
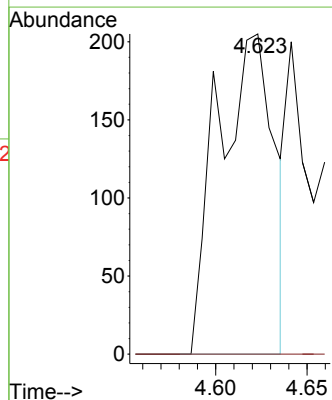
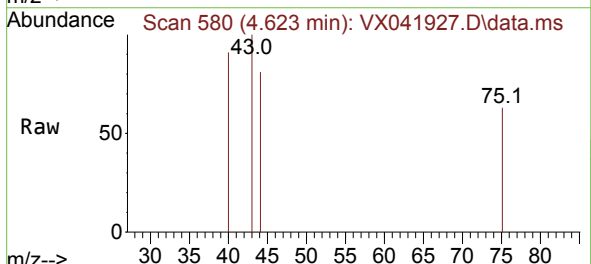
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-560-562

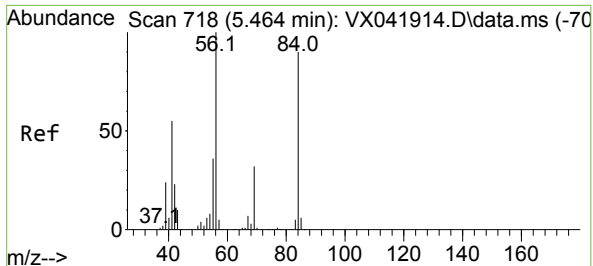
Tgt Ion:	84	Resp:	680
Ion	Ratio	Lower	Upper
84	100		
49	114.1	103.6	155.4
51	43.4	33.8	50.6
86	54.0	49.4	74.0



#25
2-Butanone
Concen: 0.407 ug/l
RT: 4.623 min Scan# 580
Delta R.T. 0.049 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

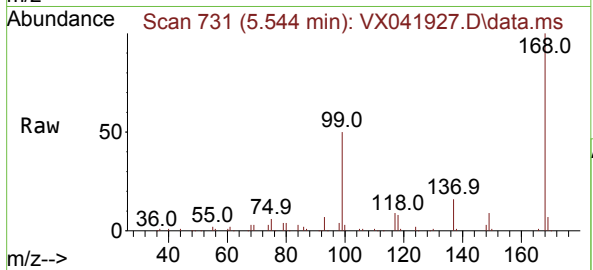
Tgt Ion:	43	Resp:	436
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



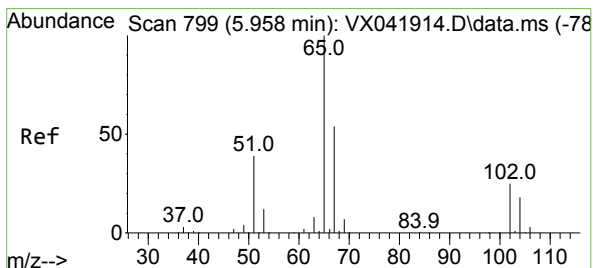
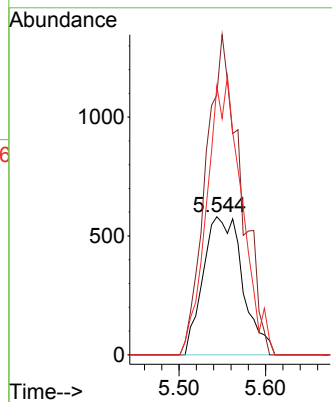
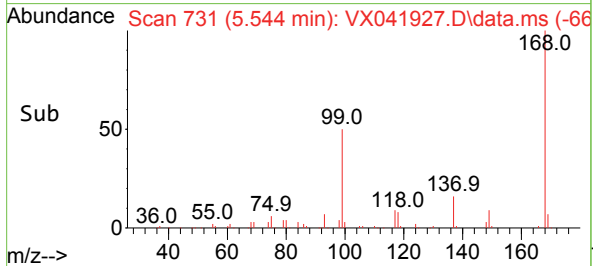


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-560-562

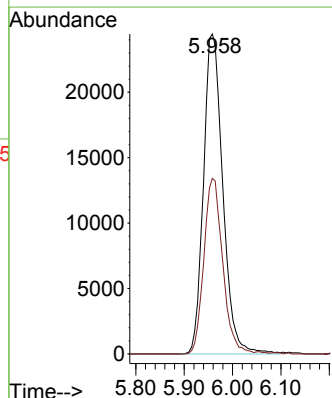
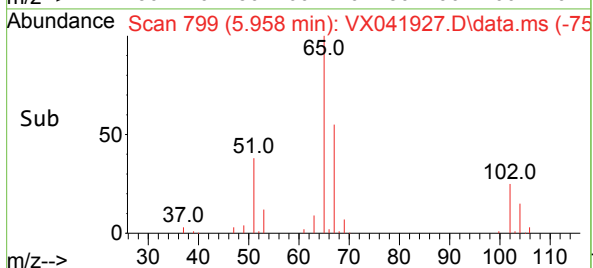
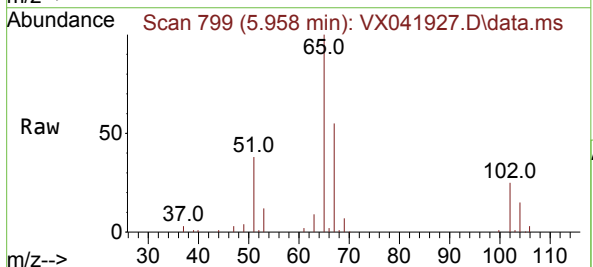


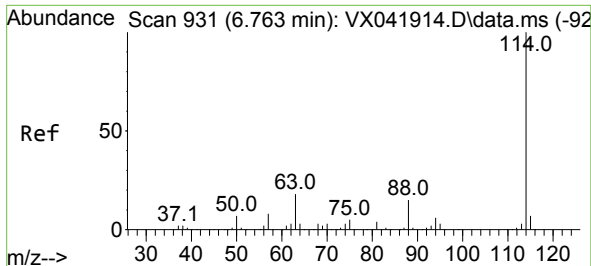
Tgt Ion: 56 Resp: 1845
Ion Ratio Lower Upper
56 100
69 188.3 23.4 35.2#
84 194.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.358 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion: 65 Resp: 67947
Ion Ratio Lower Upper
65 100
67 53.4 0.0 100.2

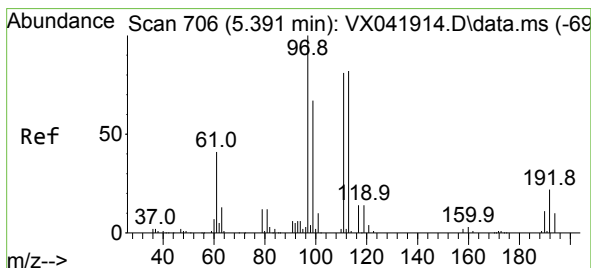
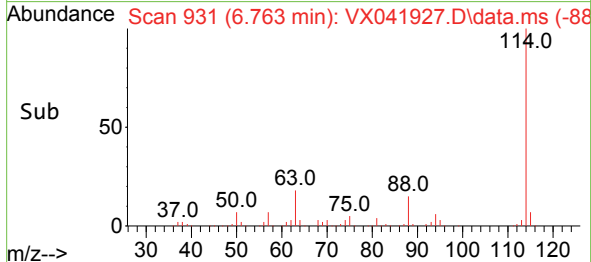
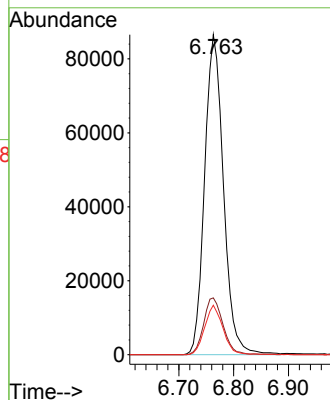
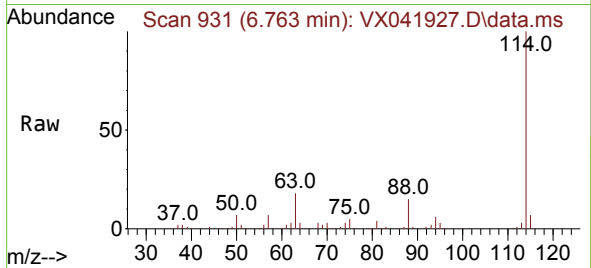




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

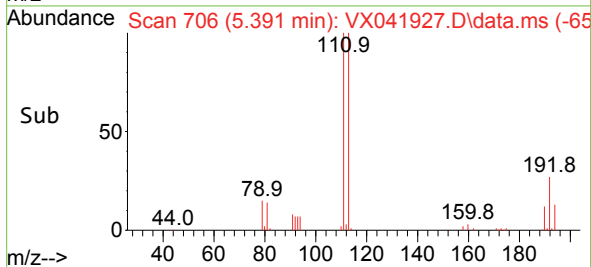
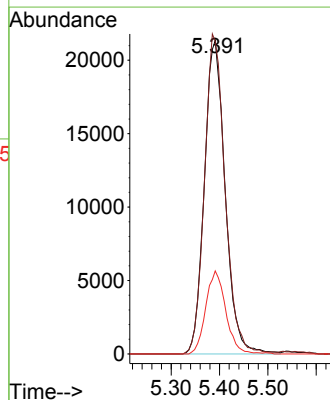
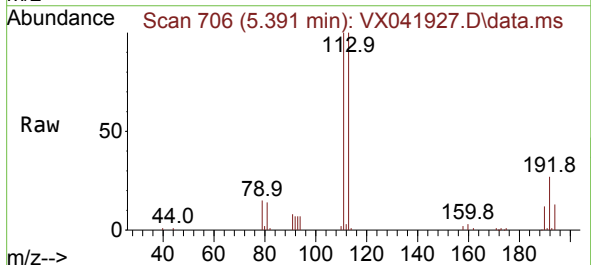
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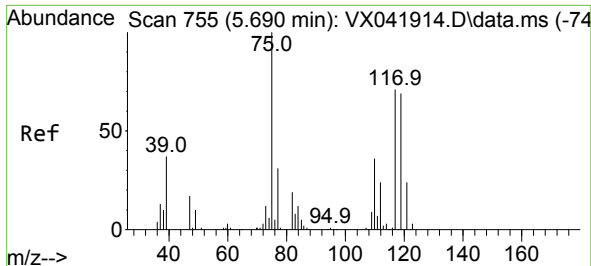
Tgt Ion:114 Resp: 206392
Ion Ratio Lower Upper
114 100
63 17.7 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.625 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion:113 Resp: 63887
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 25.4 13.3 19.9#

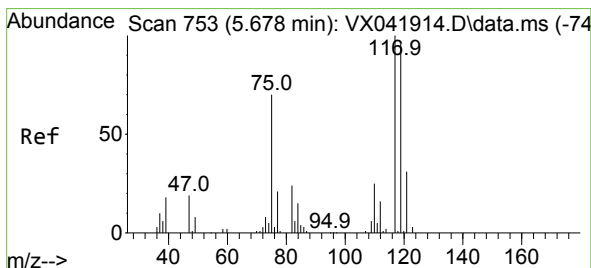
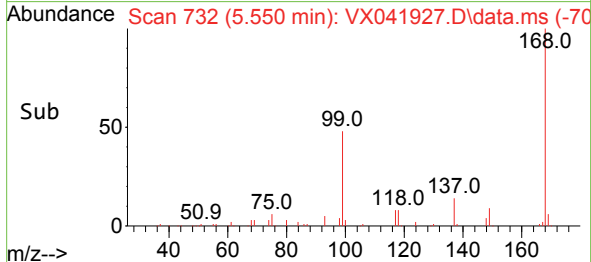
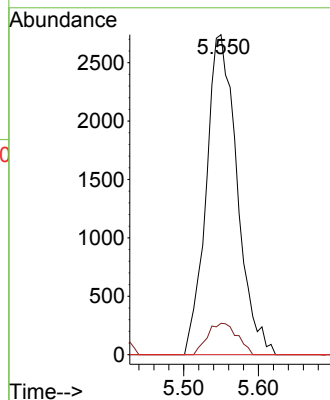
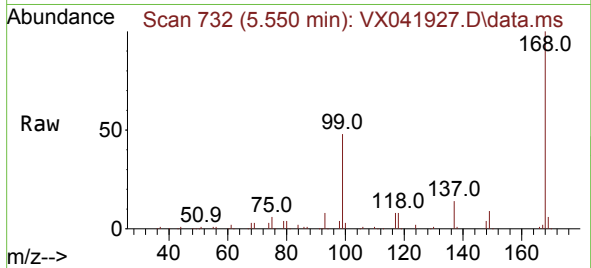




#36
1,1-Dichloropropene
Concen: 5.059 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

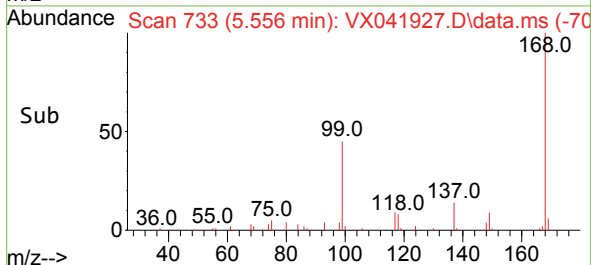
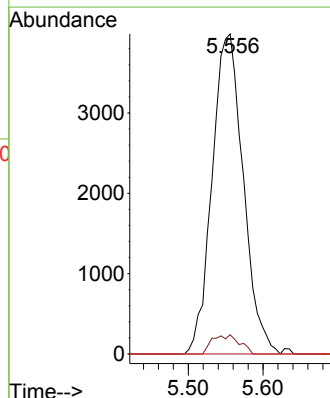
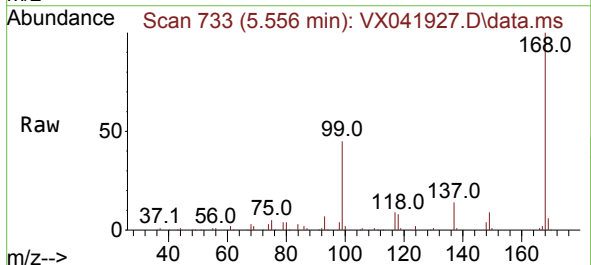
Instrument :
MSVOA_X
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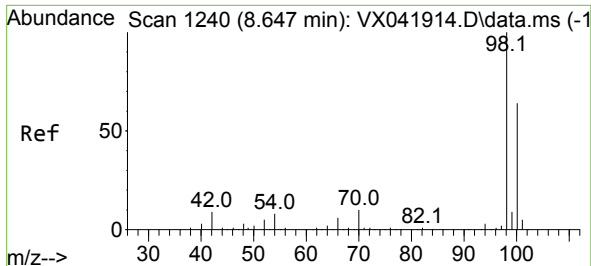
Tgt Ion: 75 Resp: 7867
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.713 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion: 117 Resp: 11534
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

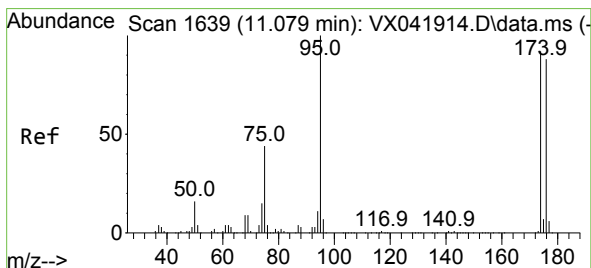
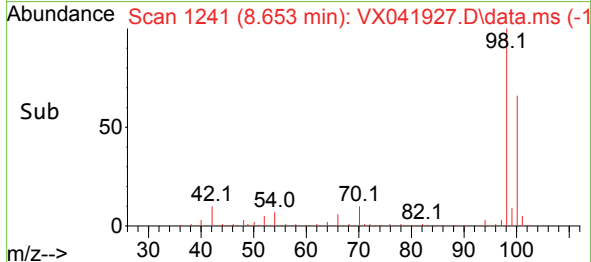
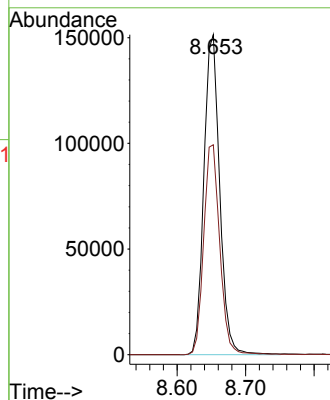
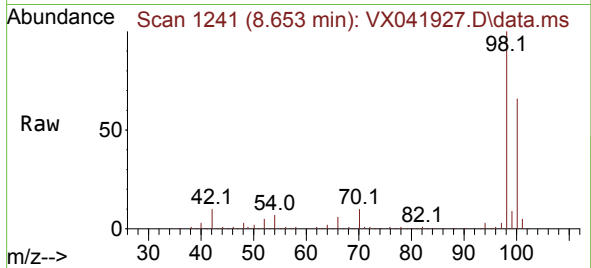




#50
Toluene-d8
Concen: 47.337 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

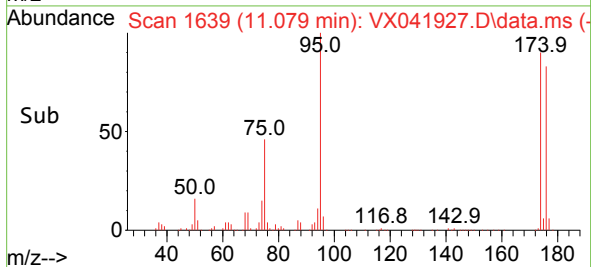
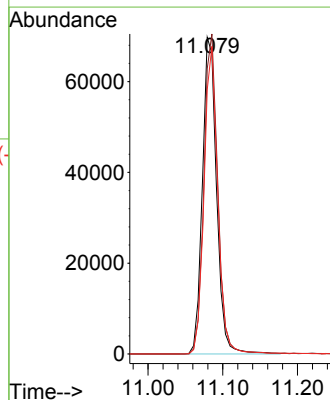
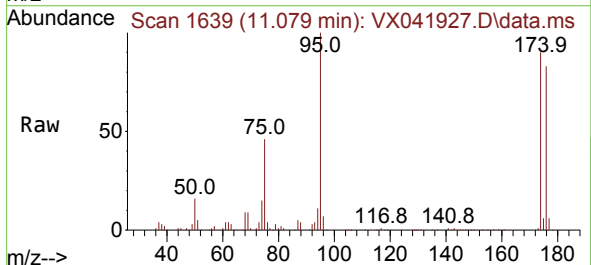
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-560-562

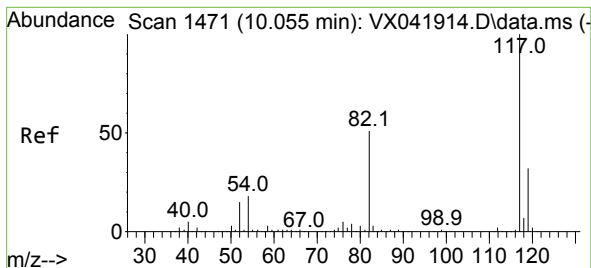
Tgt Ion: 98 Resp: 243538
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.468 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion: 95 Resp: 91918
Ion Ratio Lower Upper
95 100
174 99.2 0.0 135.6
176 94.4 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: VX041927.D

Acq: 18 Jun 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-560-562

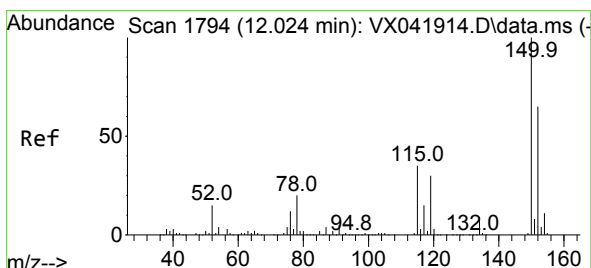
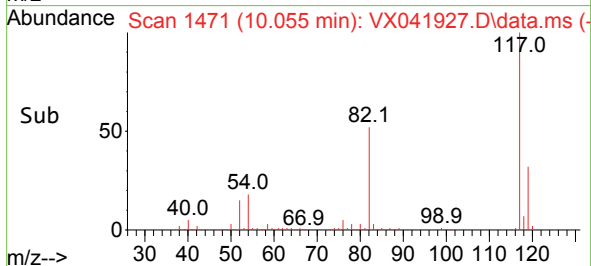
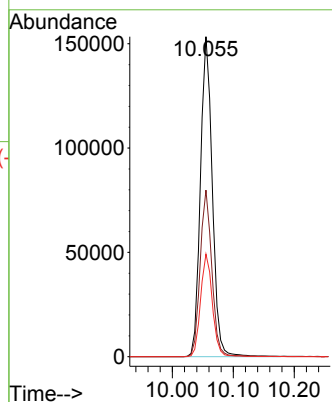
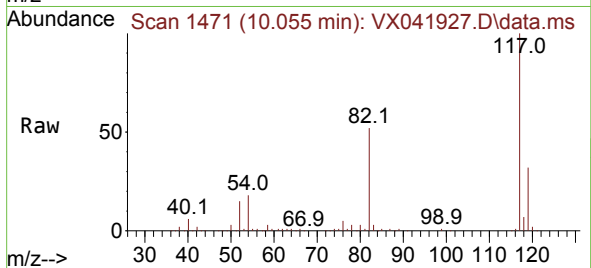
Tgt Ion:117 Resp: 207441

Ion Ratio Lower Upper

117 100

82 52.1 46.2 69.4

119 32.0 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: VX041927.D

Acq: 18 Jun 2024 16:47

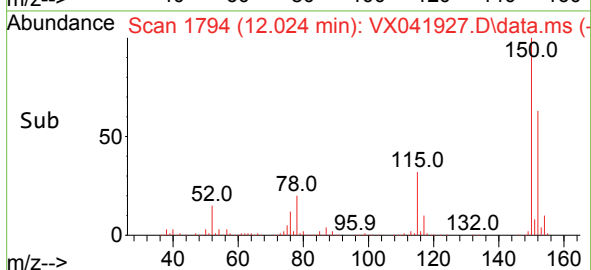
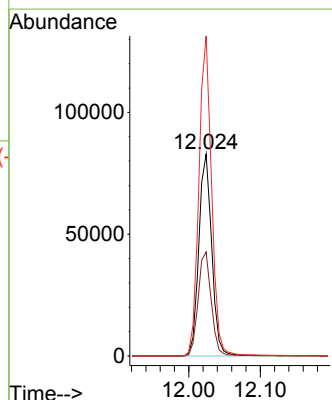
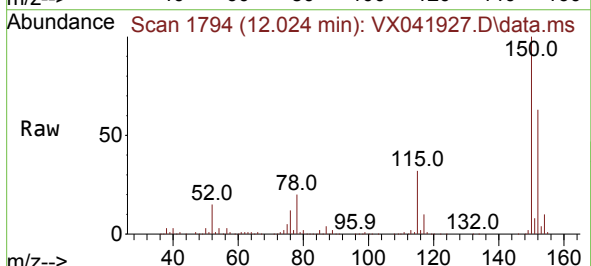
Tgt Ion:152 Resp: 104341

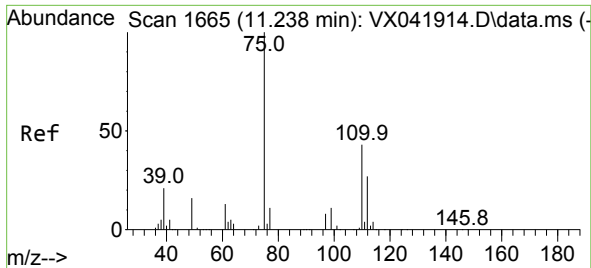
Ion Ratio Lower Upper

152 100

115 52.4 43.3 129.9

150 155.6 0.0 345.0

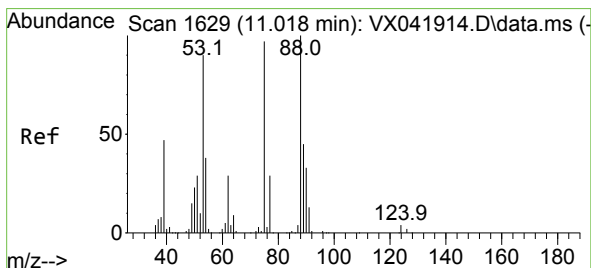
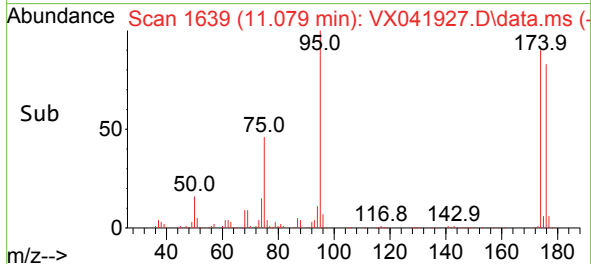
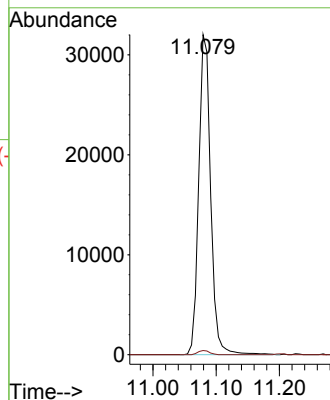
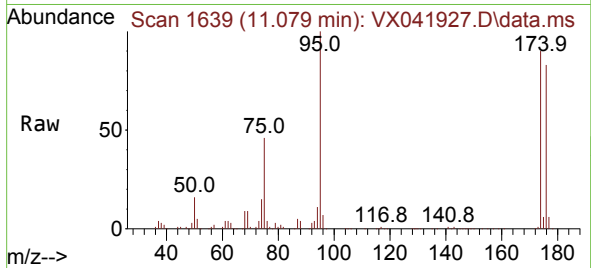




#76
1,2,3-Trichloropropane
Concen: 22.201 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

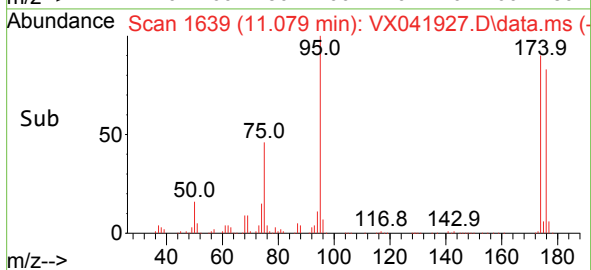
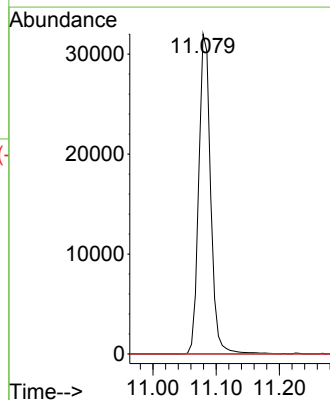
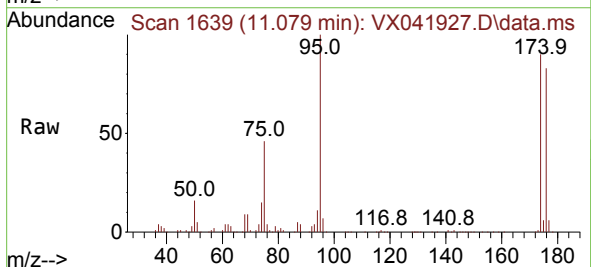
Instrument : MSVOA_X
ClientSampleId : BP-VPB-196-GW-560-562

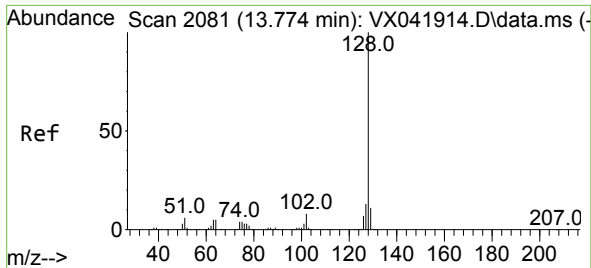
Tgt Ion: 75 Resp: 42054
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041927.D
Acq: 18 Jun 2024 16:47

Tgt Ion: 75 Resp: 42054
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 0.797 ug/l

RT: 13.792 min Scan# 20

Delta R.T. 0.018 min

Lab File: VX041927.D

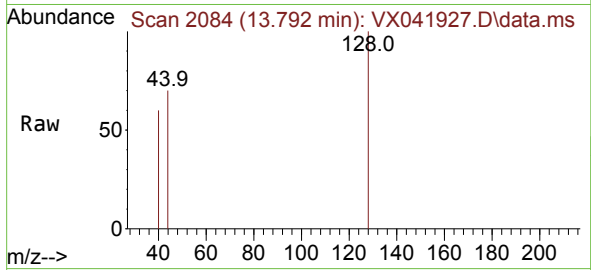
Acq: 18 Jun 2024 16:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-560-562



Tgt Ion:128 Resp: 376

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

