

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041928.D
 Acq On : 18 Jun 2024 17:11
 Operator : JC/MD
 Sample : P2927-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-458-460

Quant Time: Jun 19 08:13:50 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)

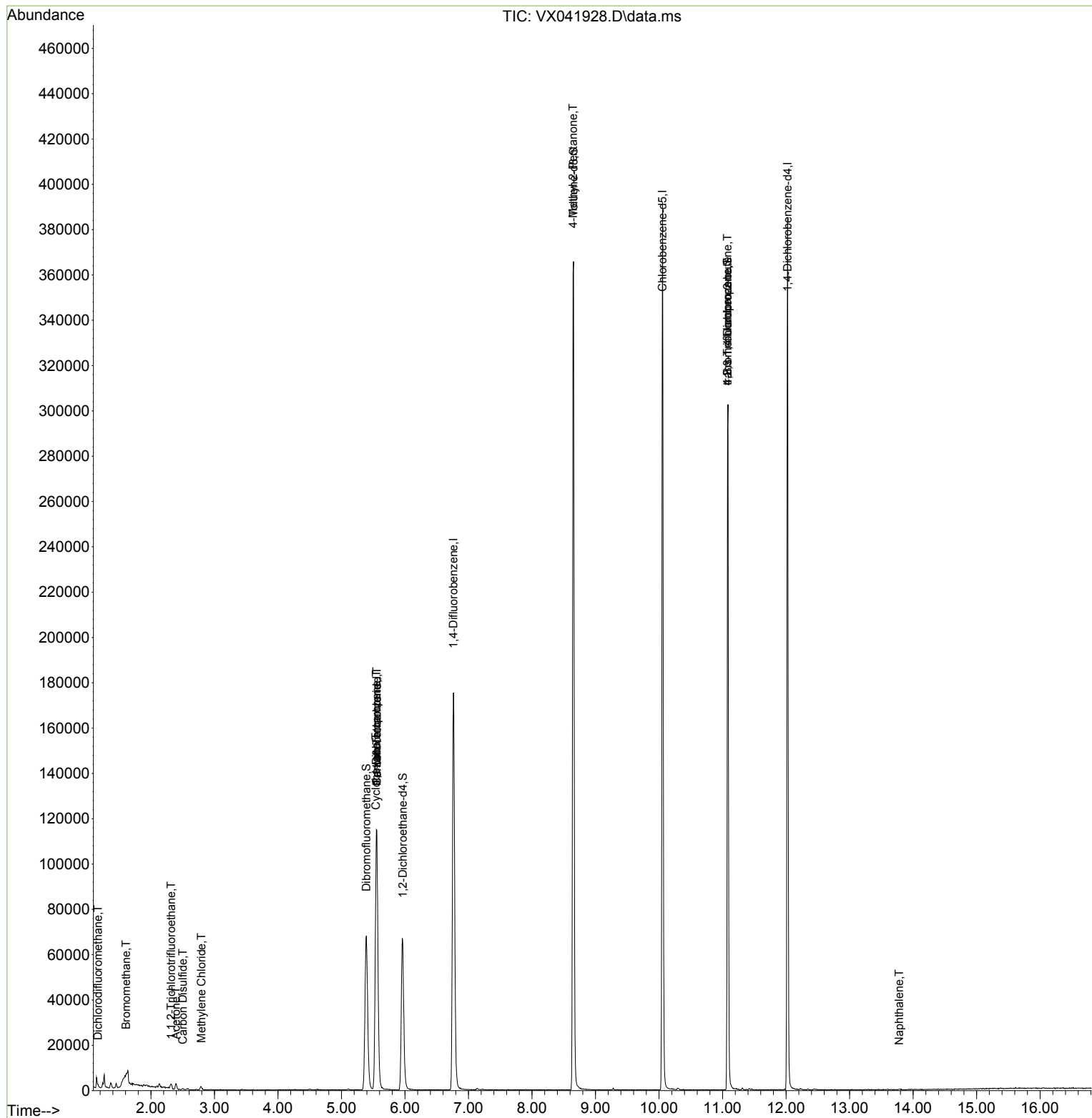
Internal Standards						
1) Pentafluorobenzene	5.556	168	129911	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	198675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64496	43.054	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.100%
35) Dibromofluoromethane	5.391	113	61170	43.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.780%
50) Toluene-d8	8.653	98	234672	47.386	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.780%
62) 4-Bromofluorobenzene	11.079	95	82345	45.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.220%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	509	0.514	ug/l	84
5) Bromomethane	1.605	94	160	0.260	ug/l	# 3
6) Chloroethane	1.624	64	50	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.319	101	724	0.645	ug/l	# 82
16) Acetone	2.392	43	2819	4.286	ug/l	# 87
17) Carbon Disulfide	2.502	76	517	0.226	ug/l	# 76
20) Methylene Chloride	2.794	84	898	0.623	ug/l	# 76
31) Cyclohexane	5.544	56	1867	1.066	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7540	5.037	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	10709	6.475	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	862	0.418	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	37110	22.711	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	37110	64.497	ug/l	# 5
95) Naphthalene	13.780	128	154	0.771	ug/l	# 69

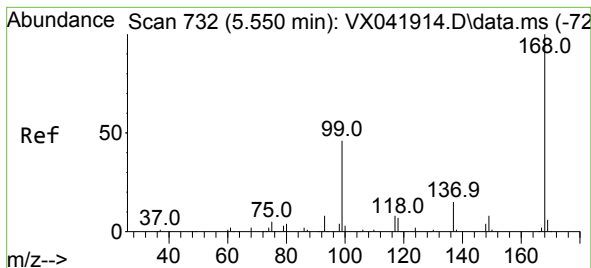
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX041928.D

Acq: 18 Jun 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

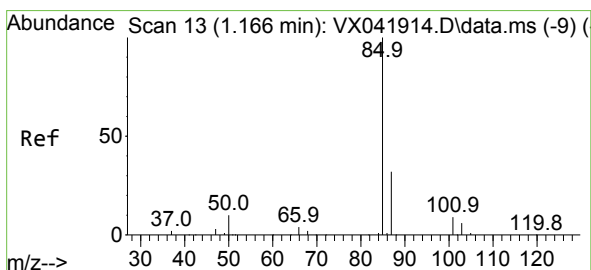
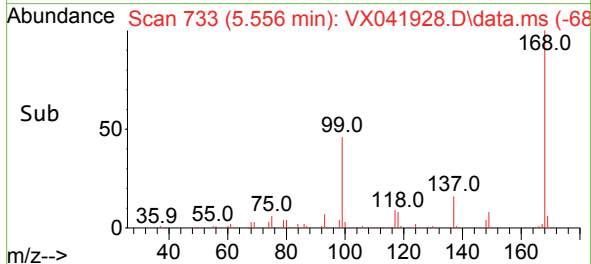
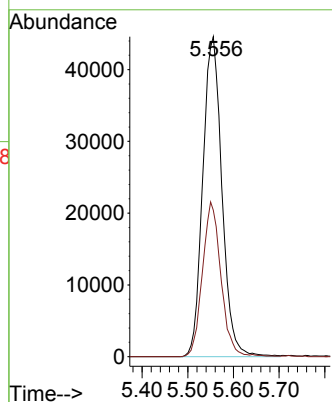
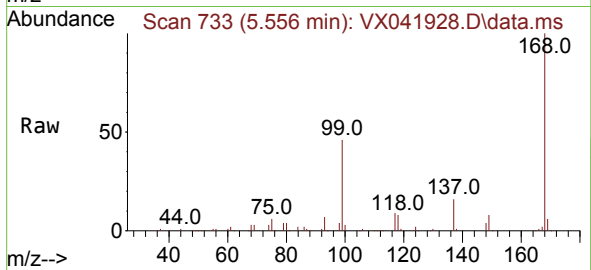
BP-VPB-189-GW-458-460

Tgt Ion:168 Resp: 129911

Ion Ratio Lower Upper

168 100

99 45.7 56.6 85.0#



#2

Dichlorodifluoromethane

Concen: 0.514 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX041928.D

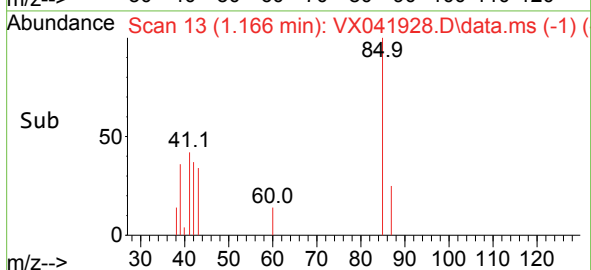
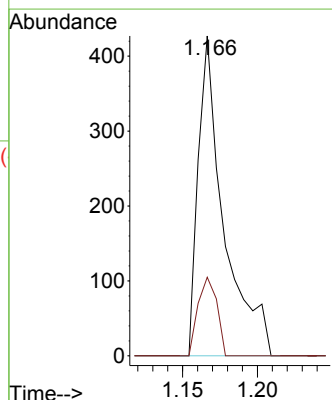
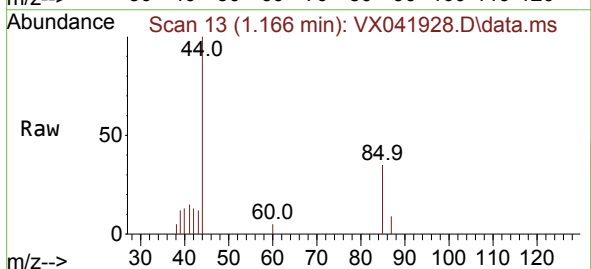
Acq: 18 Jun 2024 17:11

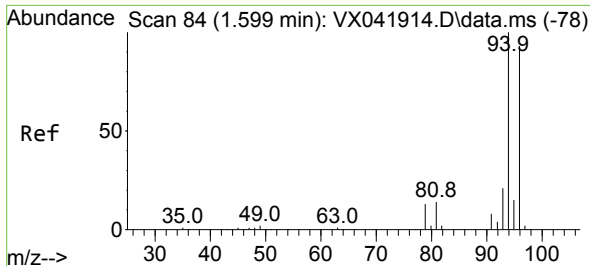
Tgt Ion: 85 Resp: 509

Ion Ratio Lower Upper

85 100

87 24.6 16.7 50.1

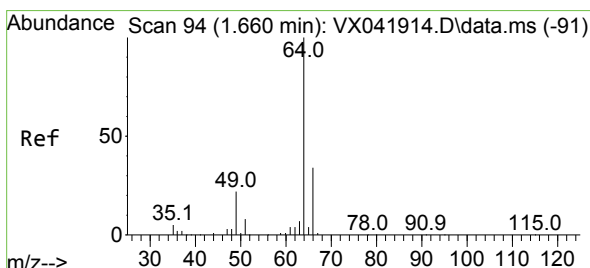
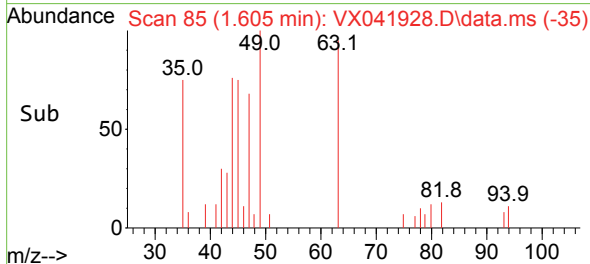
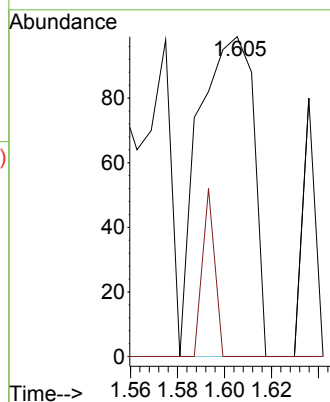
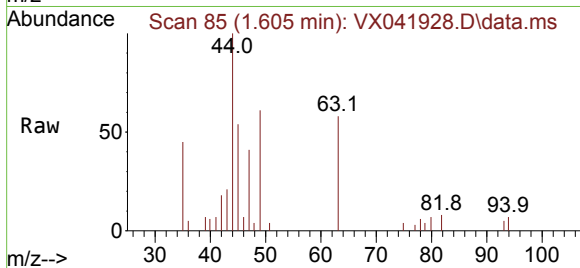




#5
Bromomethane
Concen: 0.260 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

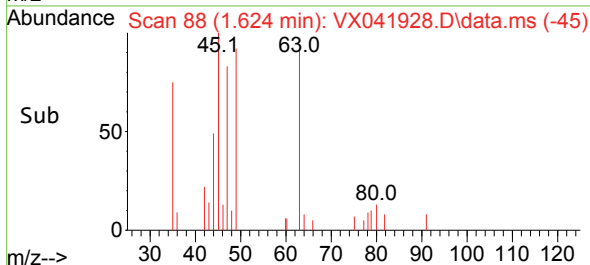
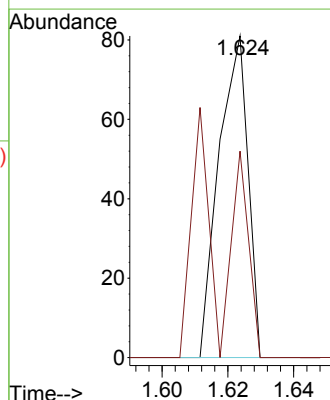
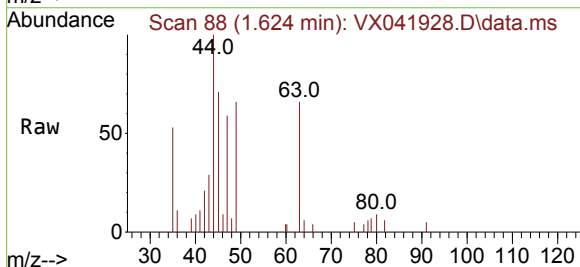
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-458-460

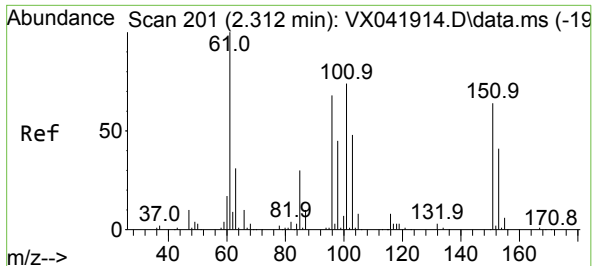
Tgt Ion: 94 Resp: 160
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. -0.036 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 64.2 25.1 37.7#

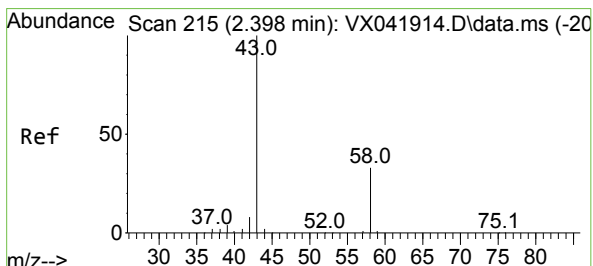
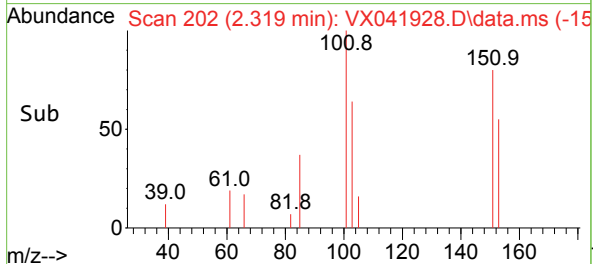
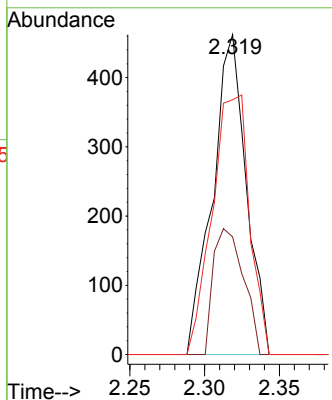
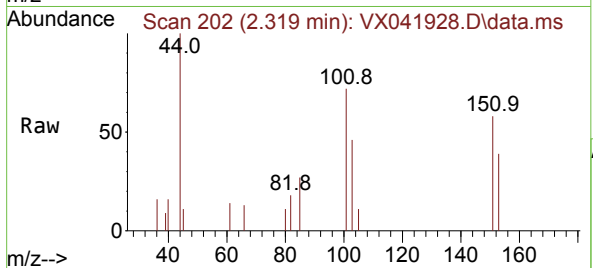




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.645 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

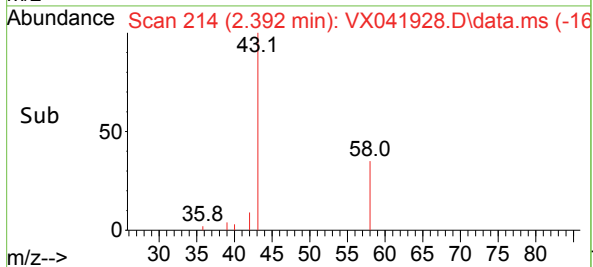
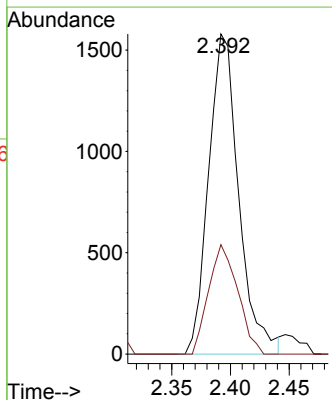
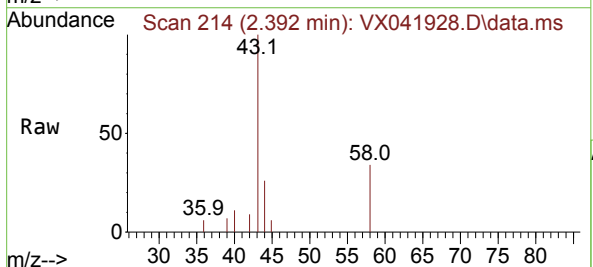
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-458-460

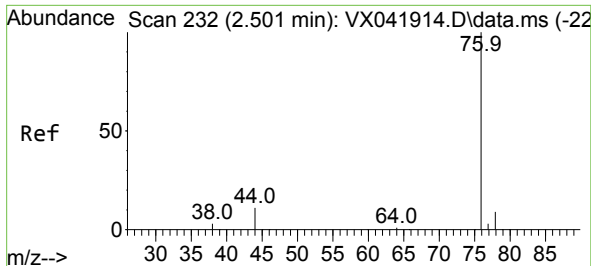
Tgt Ion:101 Resp: 724
Ion Ratio Lower Upper
101 100
85 35.4 37.0 55.6#
151 89.8 58.6 87.8#



#16
Acetone
Concen: 4.286 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

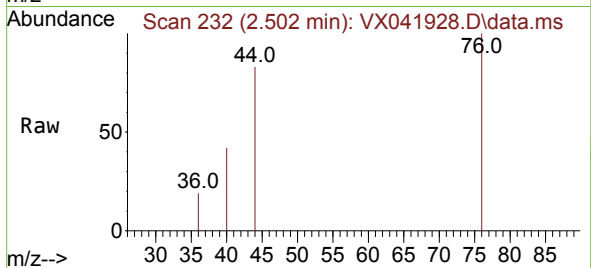
Tgt Ion: 43 Resp: 2819
Ion Ratio Lower Upper
43 100
58 34.2 21.9 32.9#



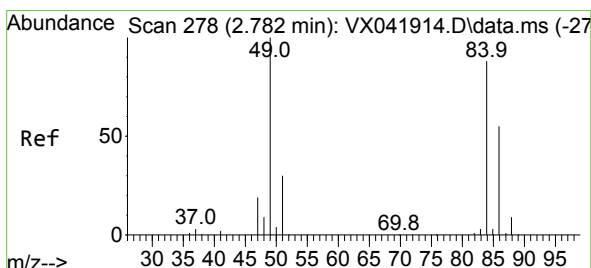
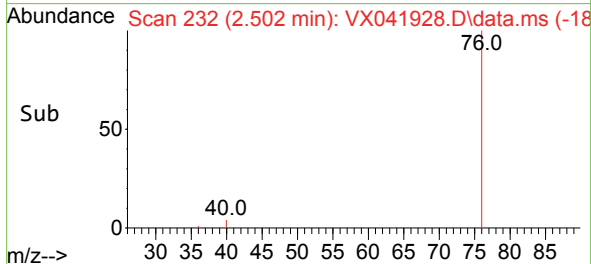
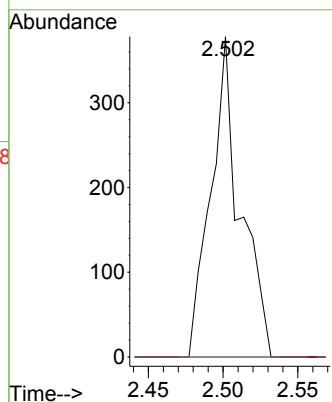


#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-458-460

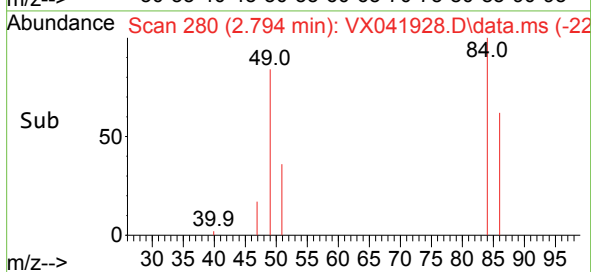
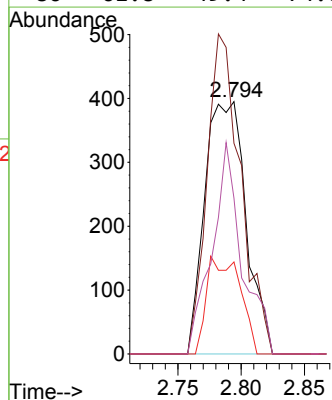
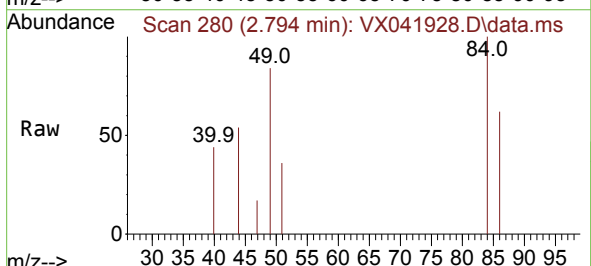


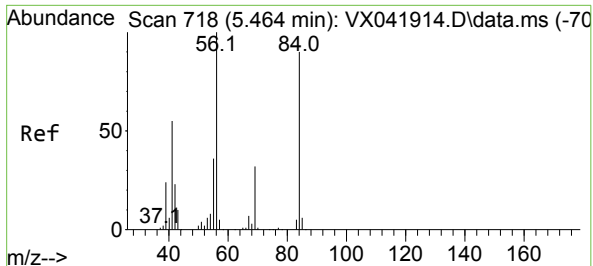
Tgt Ion: 76 Resp: 517
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: 0.623 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

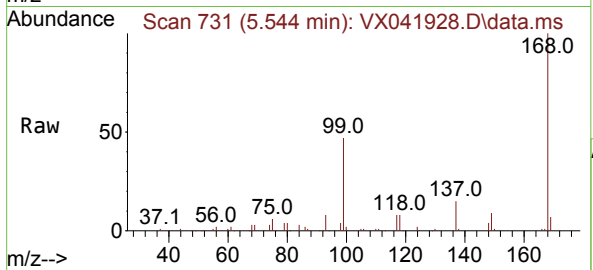
Tgt Ion: 84 Resp: 898
Ion Ratio Lower Upper
84 100
49 83.5 103.6 155.4#
51 36.5 33.8 50.6
86 61.8 49.4 74.0



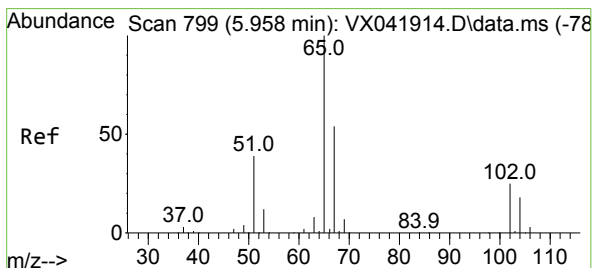
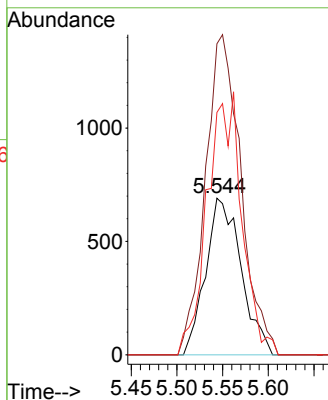
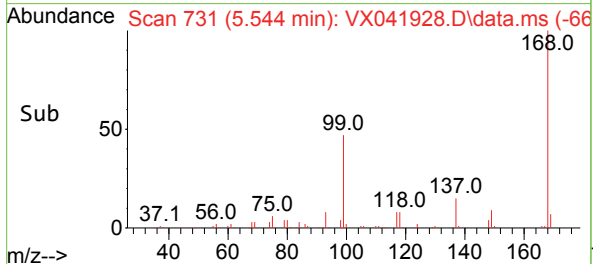


#31
Cyclohexane
Concen: 1.066 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Instrument :
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ClientSampleId :
BP-VPB-189-GW-458-460

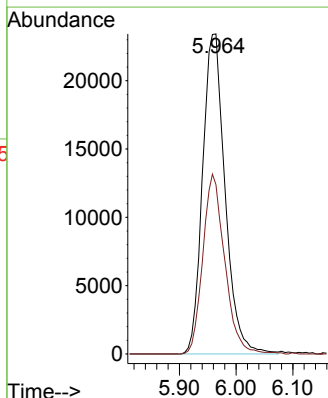
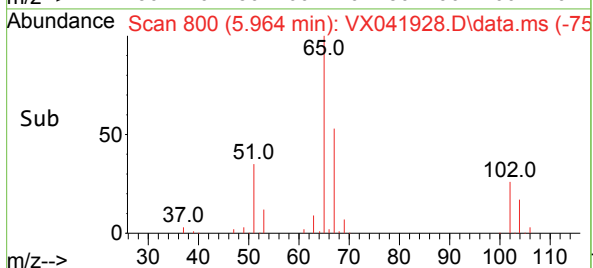
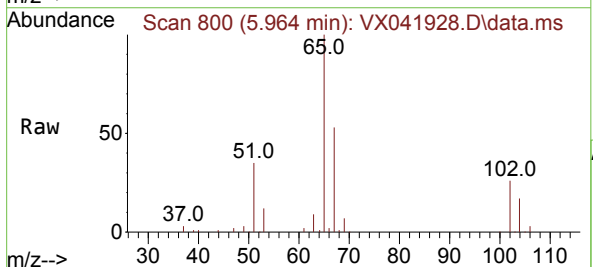


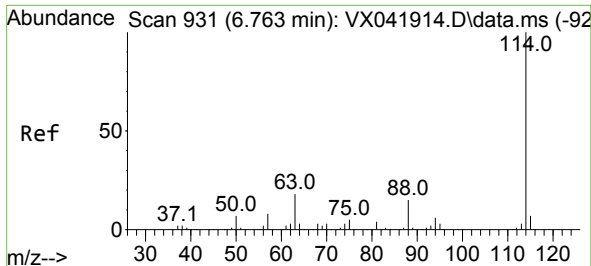
Tgt Ion: 56 Resp: 1867
Ion Ratio Lower Upper
56 100
69 198.6 23.4 35.2#
84 154.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.054 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Tgt Ion: 65 Resp: 64496
Ion Ratio Lower Upper
65 100
67 54.7 0.0 100.2

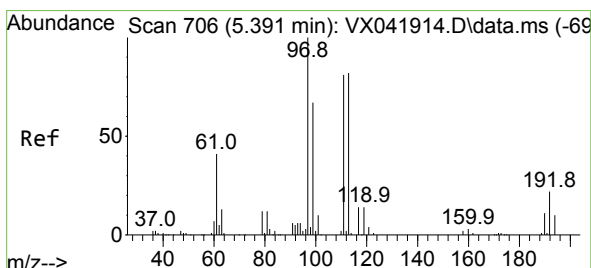
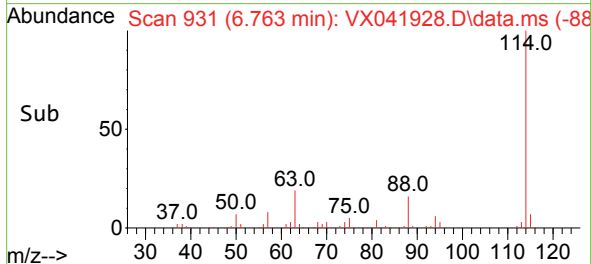
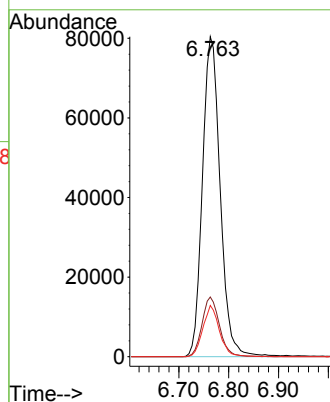
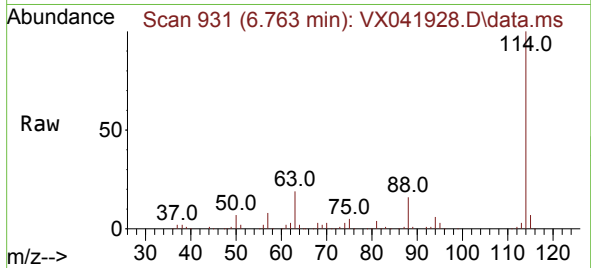




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

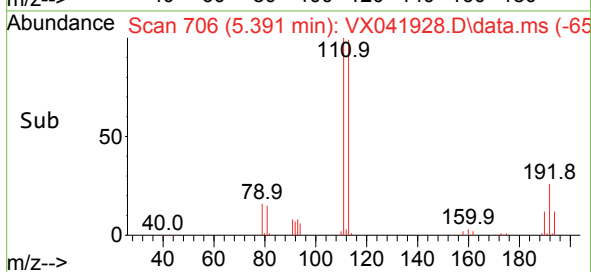
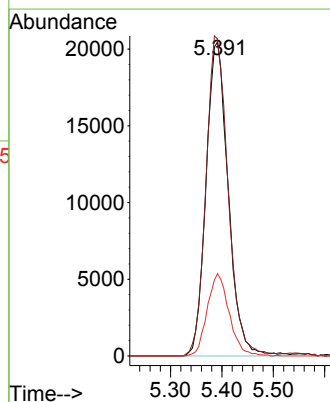
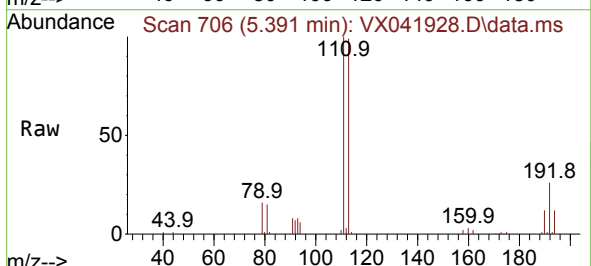
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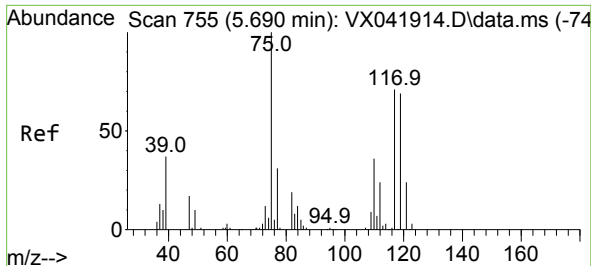
Tgt Ion:114 Resp: 198675
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.392 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Tgt Ion:113 Resp: 61170
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 25.9 13.3 19.9#

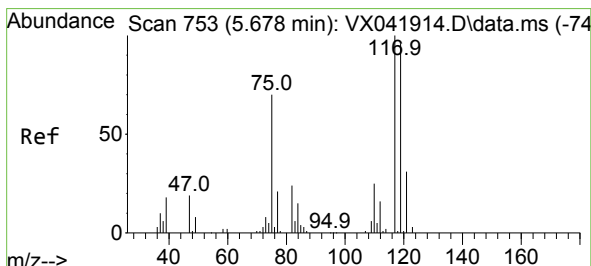
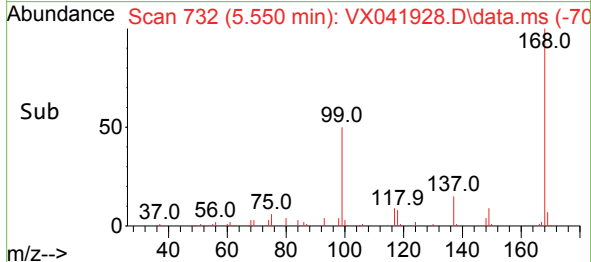
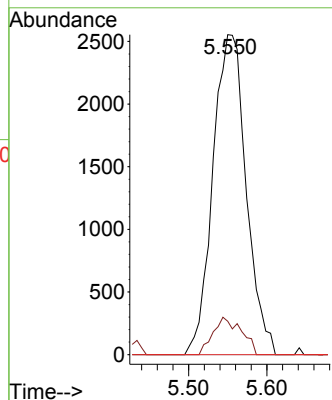
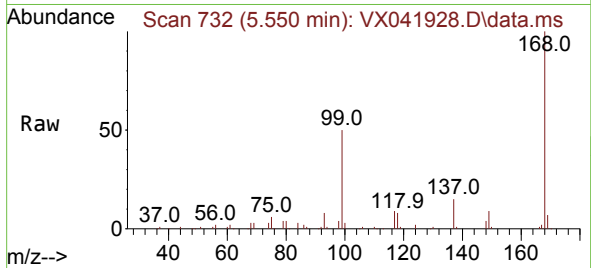




#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

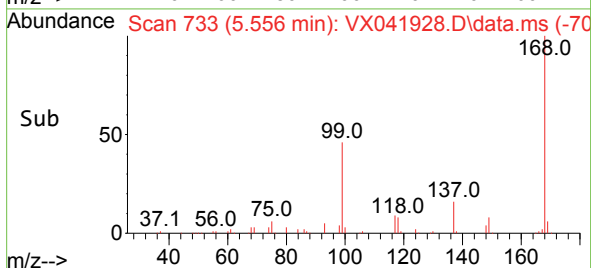
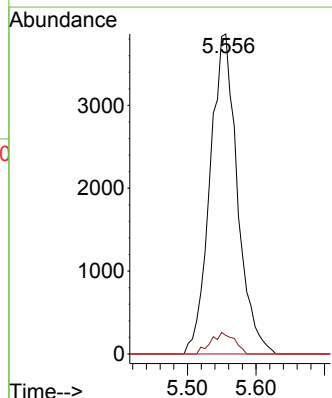
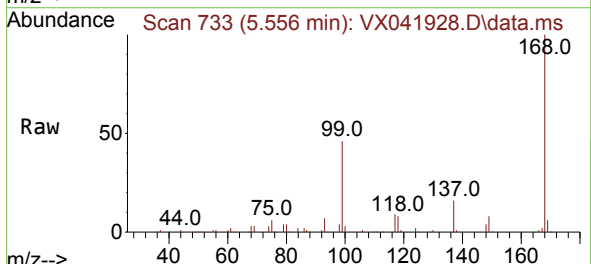
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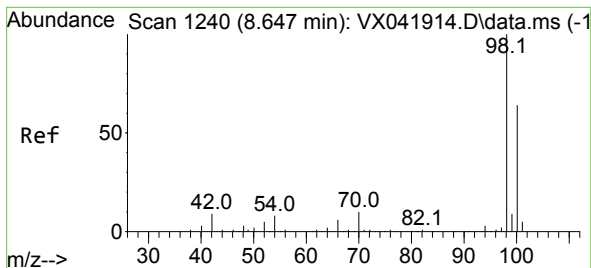
Tgt Ion: 75 Resp: 7540
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.475 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Tgt Ion: 117 Resp: 10709
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 47.386 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX041928.D

Acq: 18 Jun 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

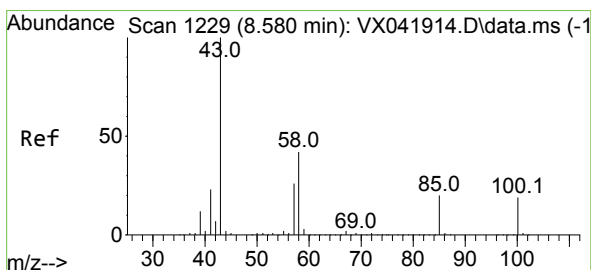
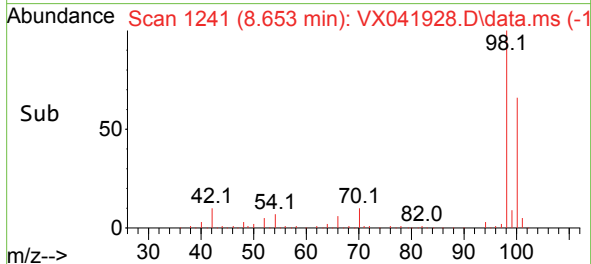
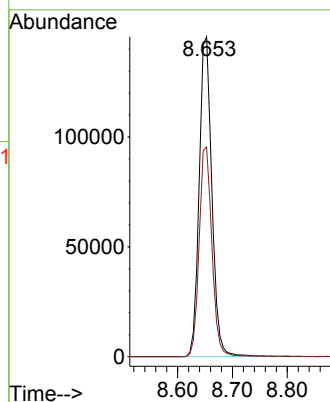
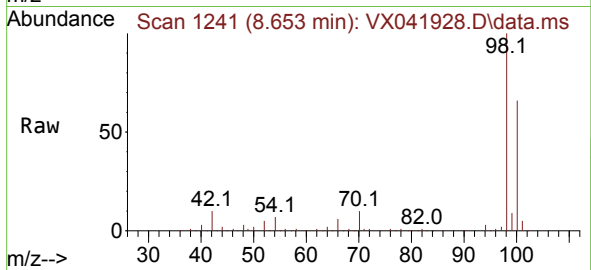
BP-VPB-189-GW-458-460

Tgt Ion: 98 Resp: 234672

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.418 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX041928.D

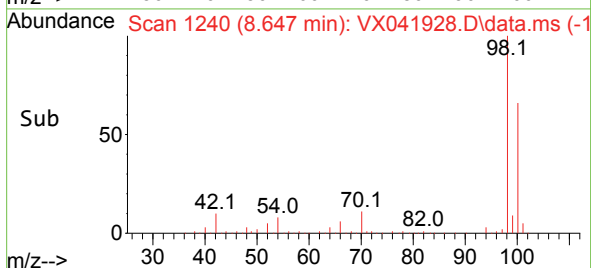
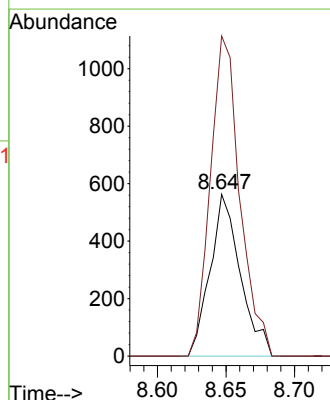
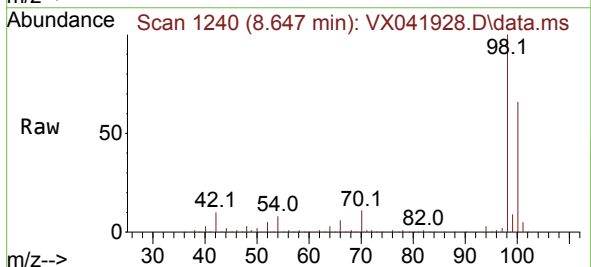
Acq: 18 Jun 2024 17:11

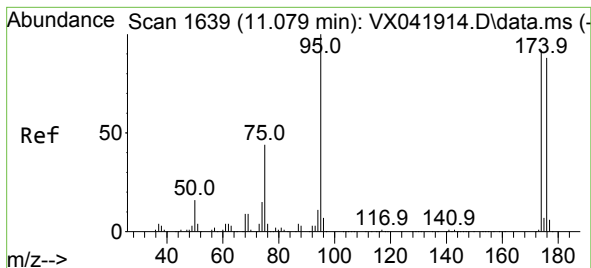
Tgt Ion: 43 Resp: 862

Ion Ratio Lower Upper

43 100

58 193.6 30.4 45.6#

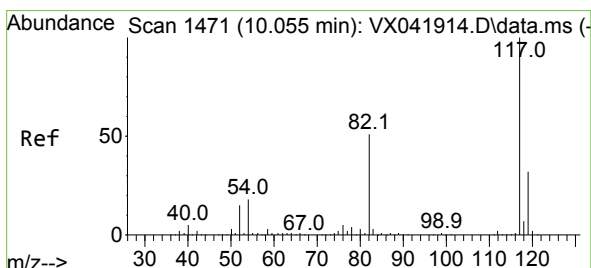
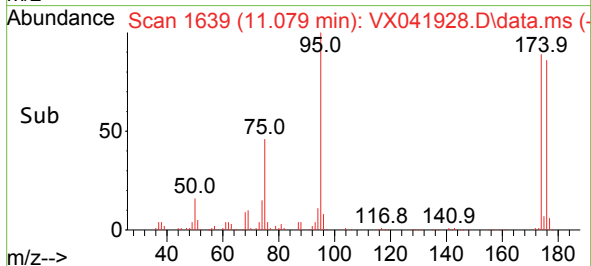
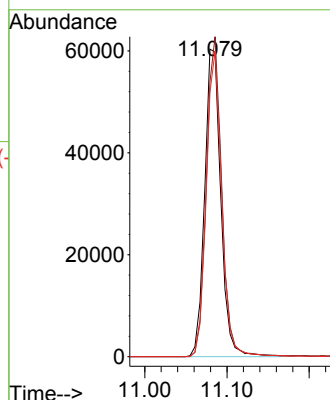
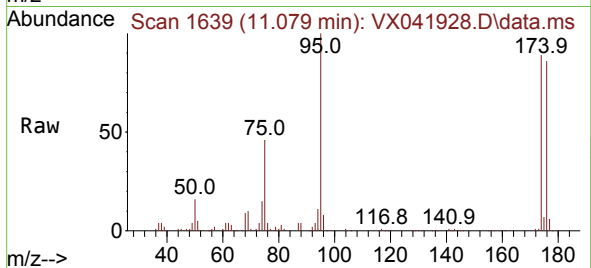




#62
4-Bromofluorobenzene
Concen: 45.107 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

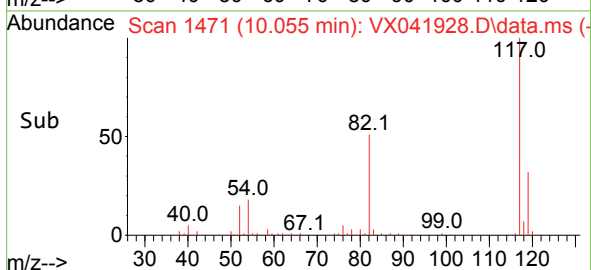
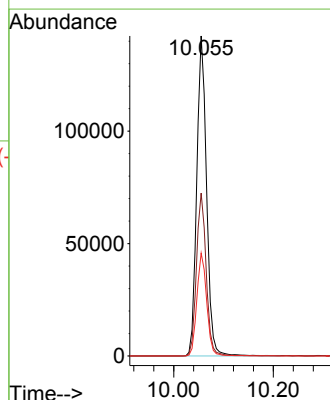
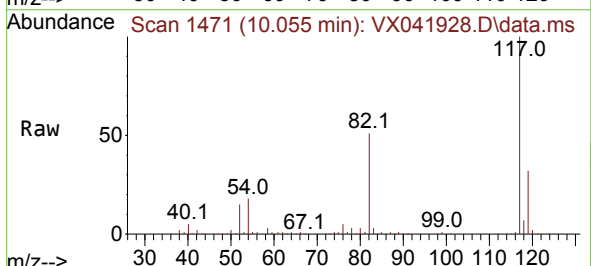
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-458-460

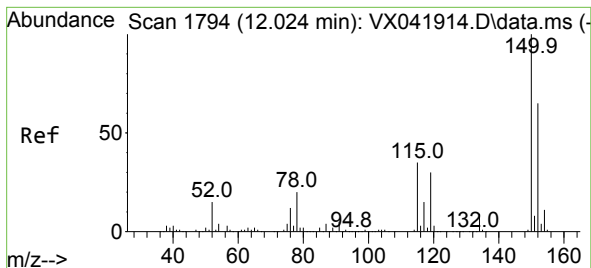
Tgt Ion: 95 Resp: 82345
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 95.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Tgt Ion: 117 Resp: 194807
Ion Ratio Lower Upper
117 100
82 50.9 46.2 69.4
119 32.1 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: VX041928.D

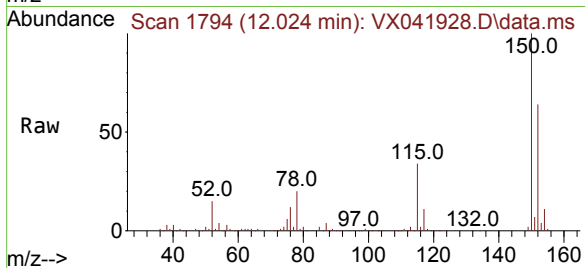
Acq: 18 Jun 2024 17:11

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-458-460



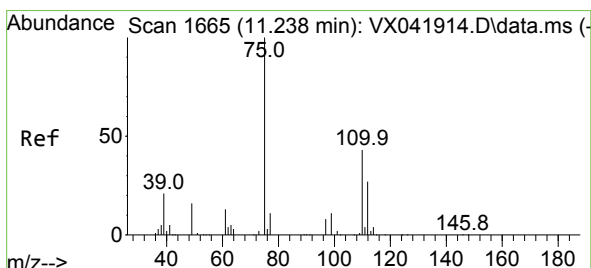
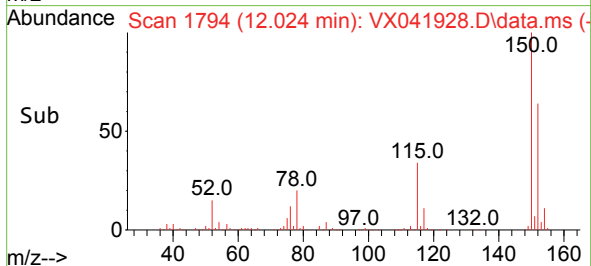
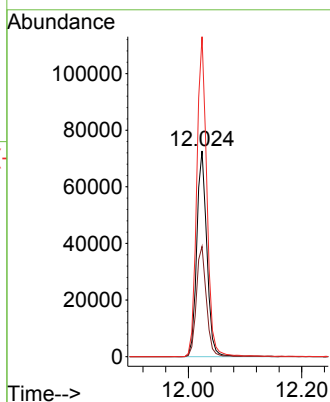
Tgt Ion:152 Resp: 90009

Ion Ratio Lower Upper

152 100

115 53.2 43.3 129.9

150 155.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.711 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041928.D

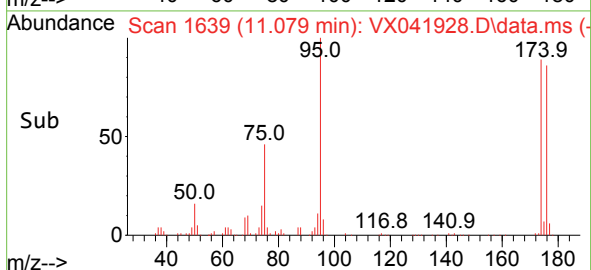
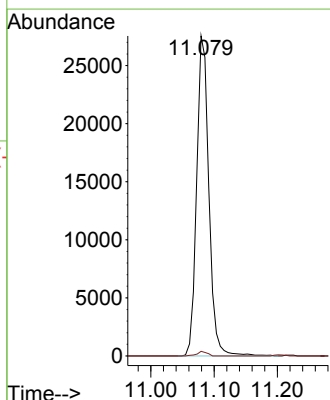
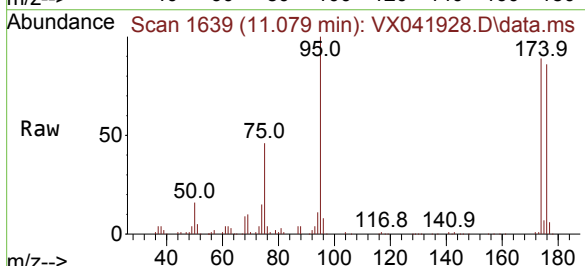
Acq: 18 Jun 2024 17:11

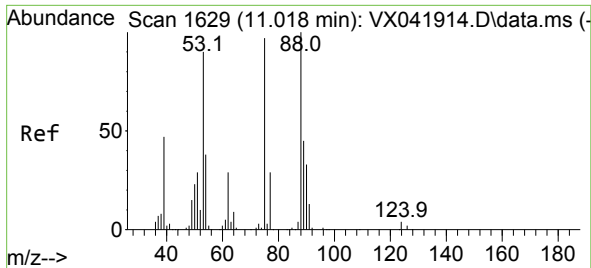
Tgt Ion: 75 Resp: 37110

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

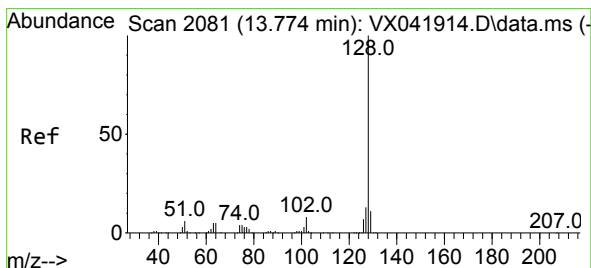
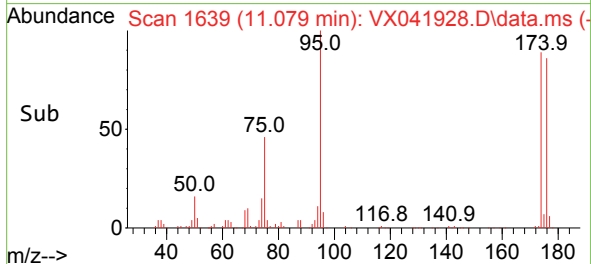
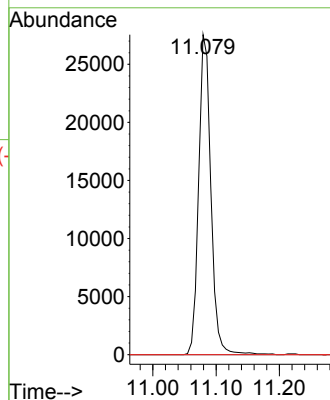
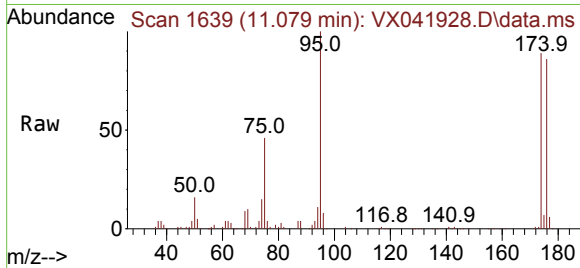




#81
trans-1,4-Dichloro-2-butene
Concen: 64.497 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-458-460

Tgt Ion: 75 Resp: 37110
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.771 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX041928.D
Acq: 18 Jun 2024 17:11

Tgt Ion:128 Resp: 154
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

