

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041933.D
 Acq On : 18 Jun 2024 19:10
 Operator : JC/MD
 Sample : P2928-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-GW-540-542

Quant Time: Jun 19 08:50:11 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)

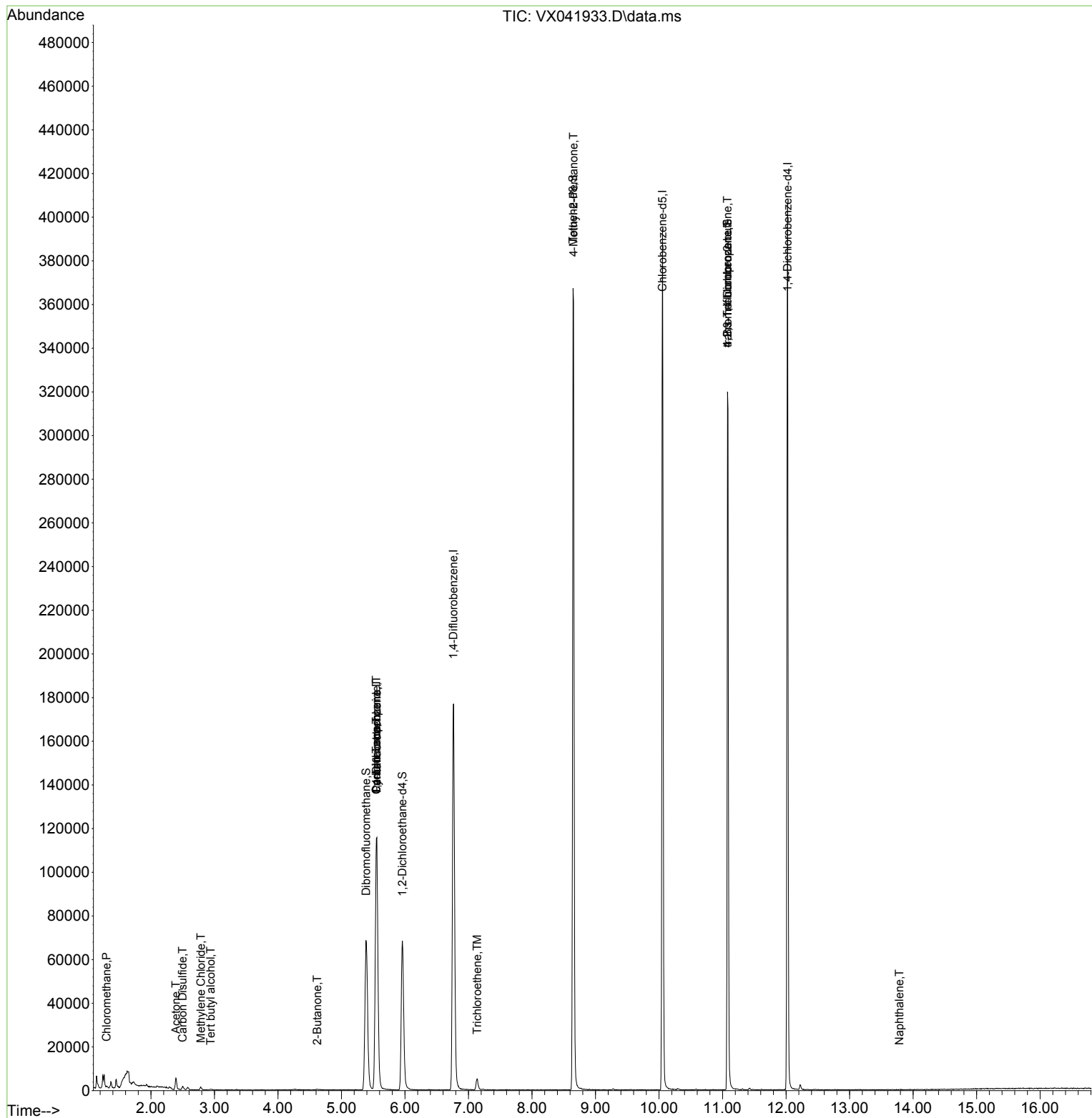
Internal Standards						
1) Pentafluorobenzene	5.556	168	128011	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	196368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66919	45.334	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.660%
35) Dibromofluoromethane	5.385	113	61931	44.448	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.900%
50) Toluene-d8	8.647	98	232124	47.422	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.840%
62) 4-Bromofluorobenzene	11.079	95	88232	48.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	637	0.521	ug/l	99
6) Chloroethane	1.636	64	46	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	175	0.625	ug/l	# 78
16) Acetone	2.392	43	5453	8.413	ug/l	# 83
17) Carbon Disulfide	2.495	76	2171	0.964	ug/l	# 94
20) Methylene Chloride	2.788	84	605	0.426	ug/l	# 88
25) 2-Butanone	4.617	43	515	0.511	ug/l	91
31) Cyclohexane	5.550	56	1835	1.063	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	7858	5.311	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	10888	6.660	ug/l	# 15
44) Trichloroethene	7.135	130	2648	1.980	ug/l	85
51) 4-Methyl-2-Pentanone	8.653	43	986	0.484	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	40761	23.502	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	40761	66.743	ug/l	# 5
95) Naphthalene	13.786	128	221	0.780	ug/l	# 69

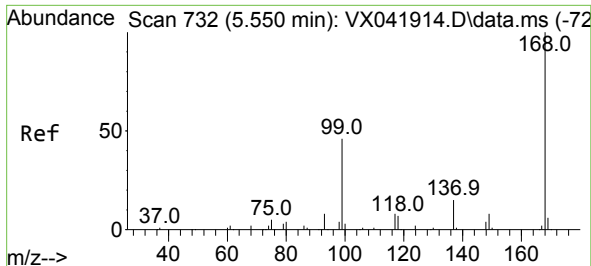
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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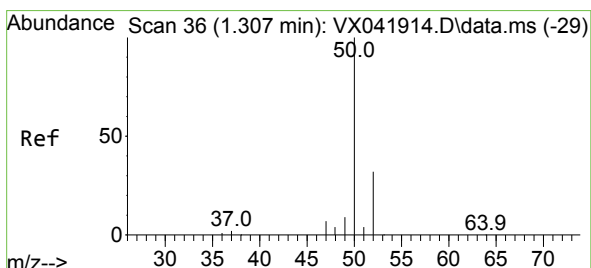
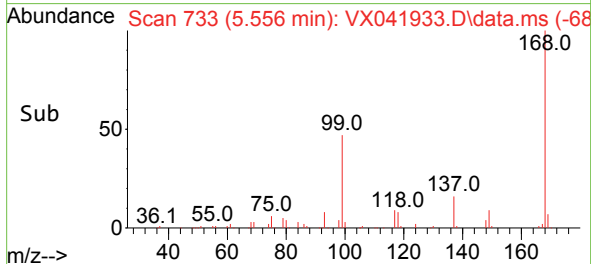
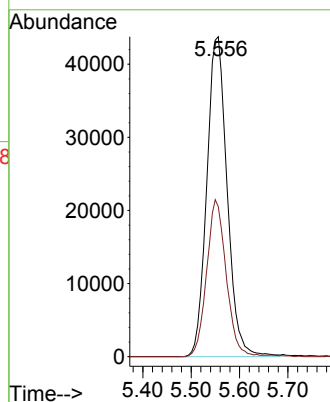
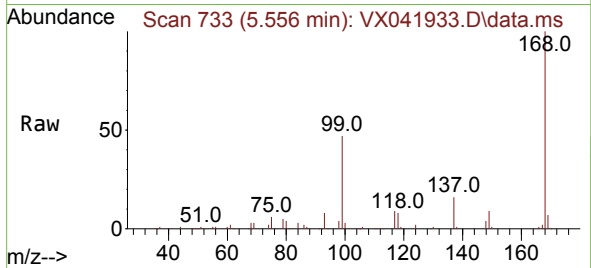




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

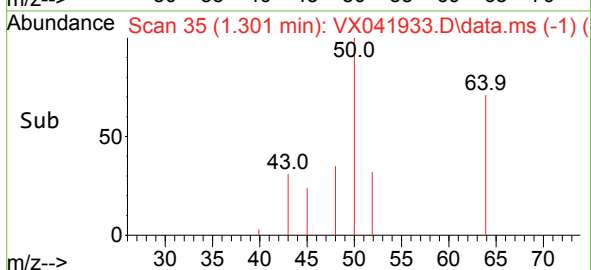
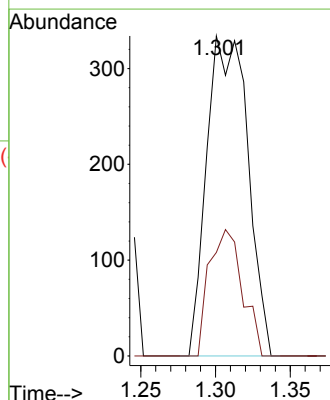
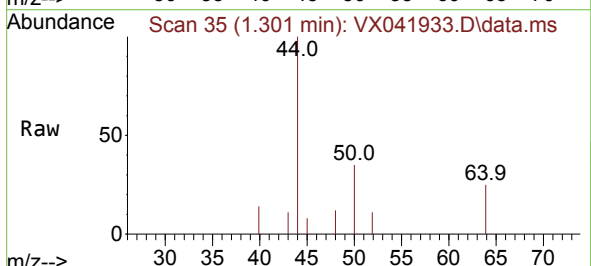
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-540-542

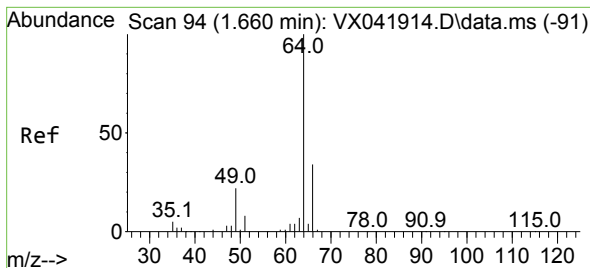
Tgt Ion:168 Resp: 128011
Ion Ratio Lower Upper
168 100
99 46.9 56.6 85.0#



#3
Chloromethane
Concen: 0.521 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 32.3 25.5 38.3





#6

Chloroethane

Concen: Below Cal

RT: 1.636 min Scan# 90

Delta R.T. -0.024 min

Lab File: VX041933.D

Acq: 18 Jun 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

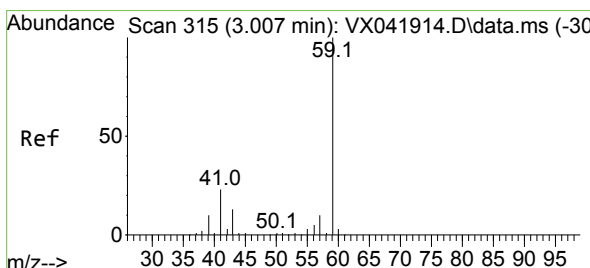
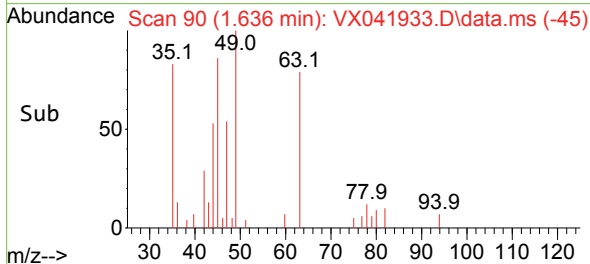
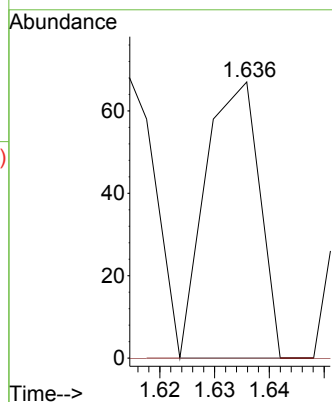
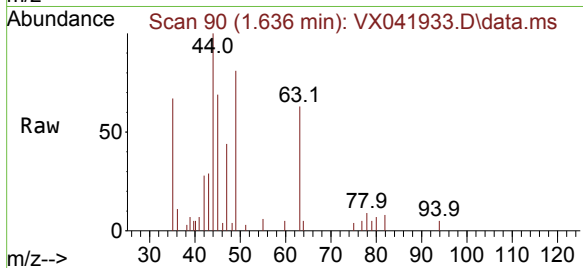
BP-VPB-196-GW-540-542

Tgt Ion: 64 Resp: 46

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.625 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX041933.D

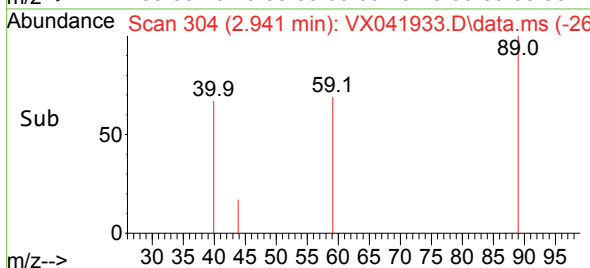
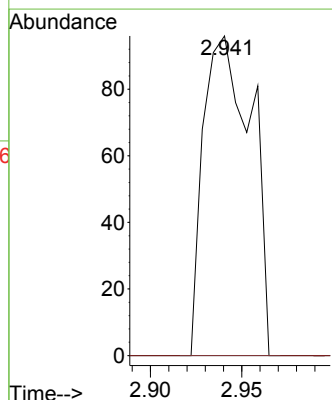
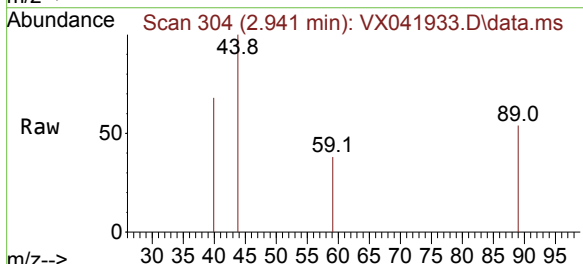
Acq: 18 Jun 2024 19:10

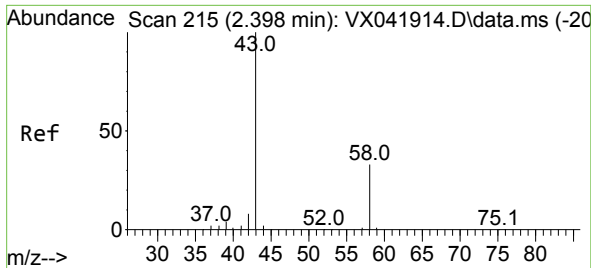
Tgt Ion: 59 Resp: 175

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#16

Acetone

Concen: 8.413 ug/l

RT: 2.392 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX041933.D

Acq: 18 Jun 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

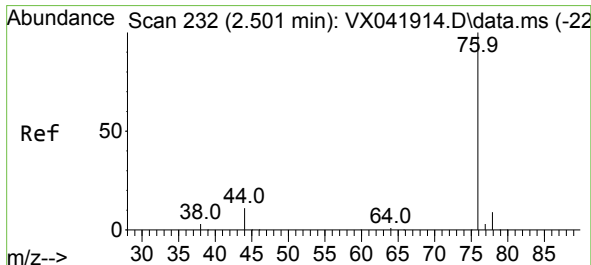
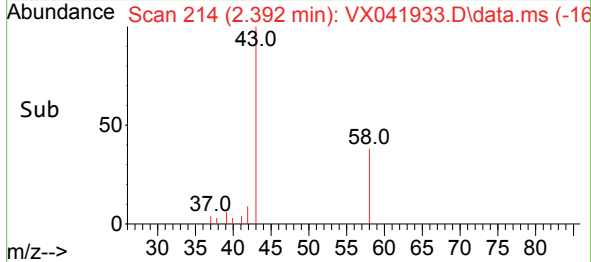
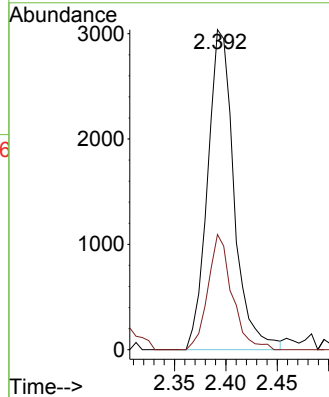
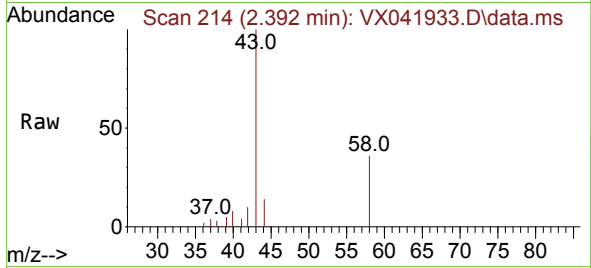
BP-VPB-196-GW-540-542

Tgt Ion: 43 Resp: 5453

Ion Ratio Lower Upper

43 100

58 36.0 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.964 ug/l

RT: 2.495 min Scan# 231

Delta R.T. -0.006 min

Lab File: VX041933.D

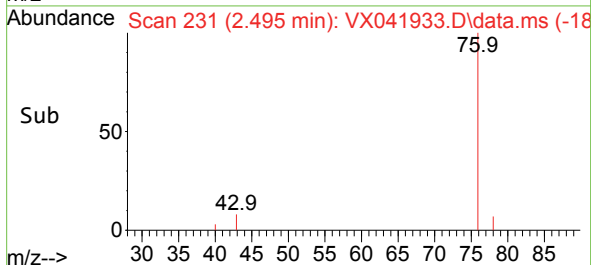
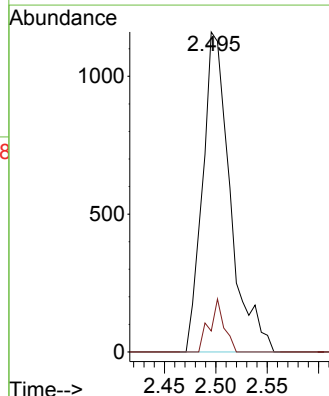
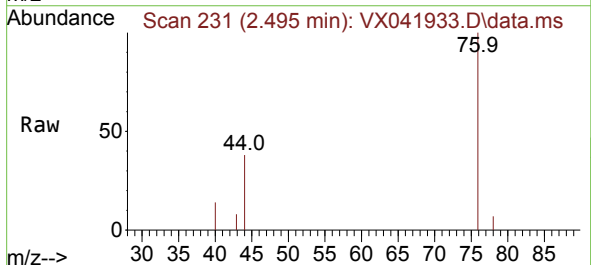
Acq: 18 Jun 2024 19:10

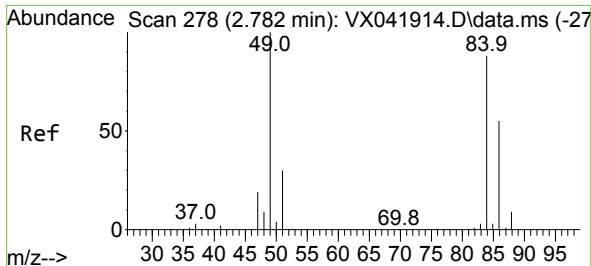
Tgt Ion: 76 Resp: 2171

Ion Ratio Lower Upper

76 100

78 6.5 7.0 10.6#

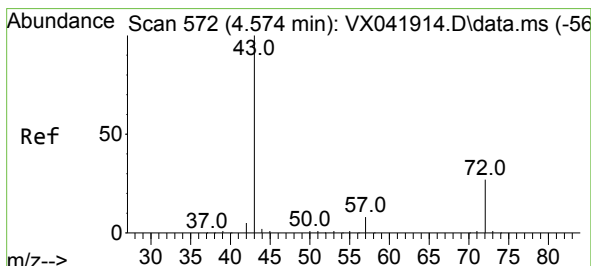
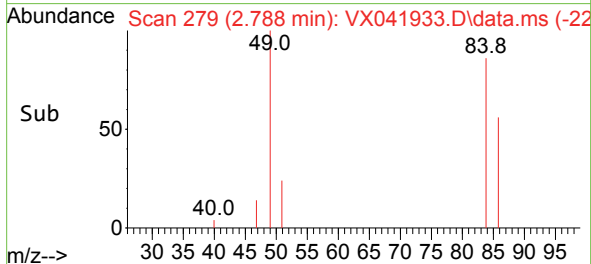
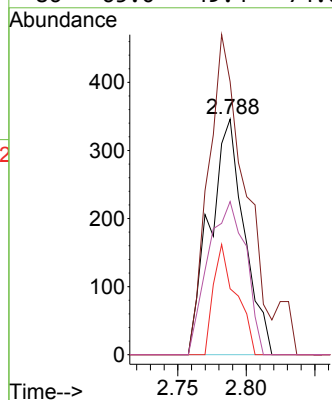
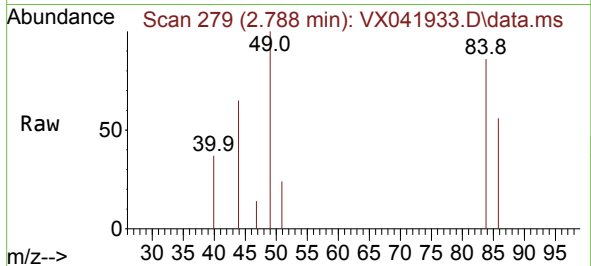




#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

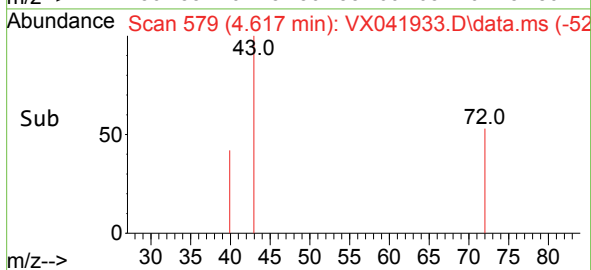
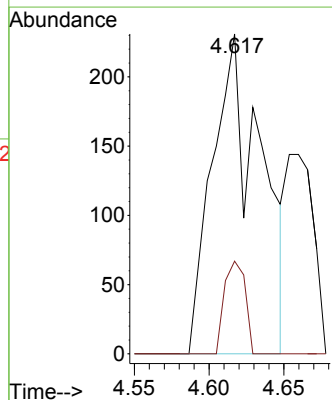
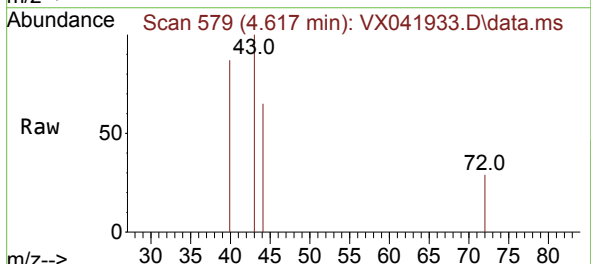
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-540-542

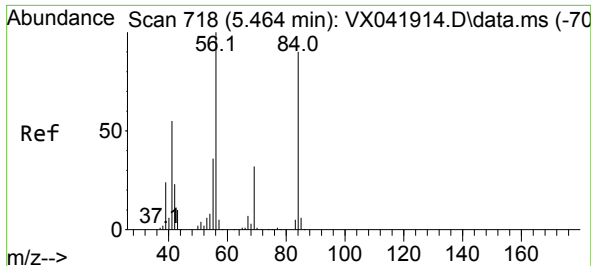
Tgt Ion:	84	Resp:	605
Ion	Ratio	Lower	Upper
84	100		
49	115.9	103.6	155.4
51	28.0	33.8	50.6#
86	65.0	49.4	74.0



#25
2-Butanone
Concen: 0.511 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.043 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

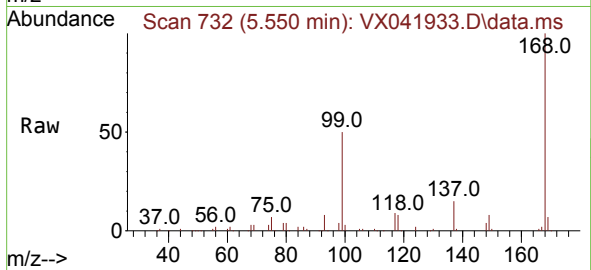
Tgt Ion:	43	Resp:	515
Ion	Ratio	Lower	Upper
43	100		
72	29.0	19.4	29.2



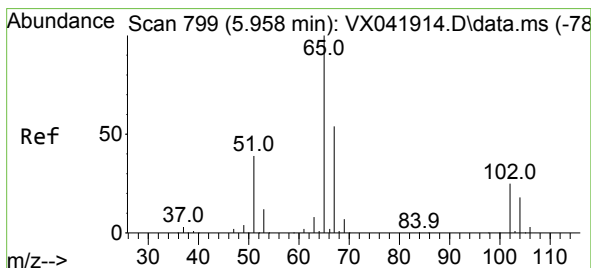
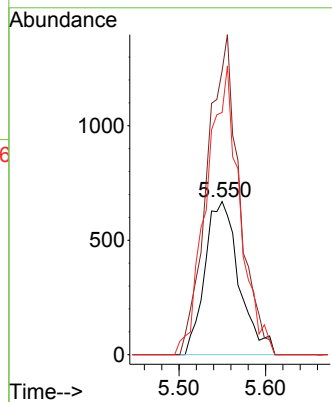
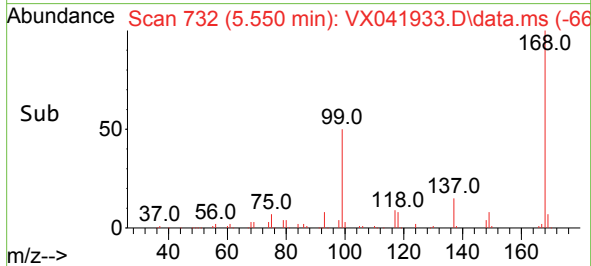


#31
Cyclohexane
Concen: 1.063 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-540-542

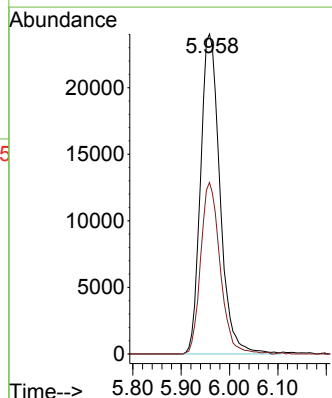
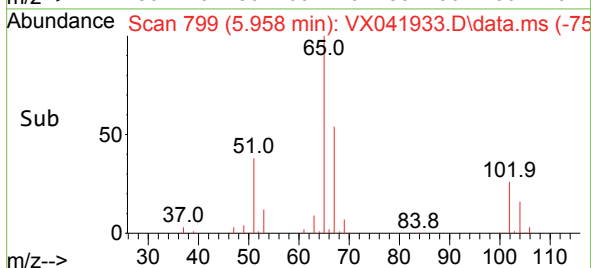
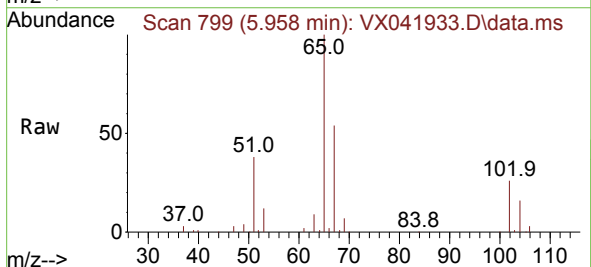


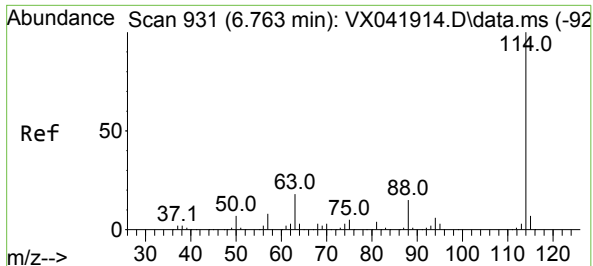
Tgt Ion: 56 Resp: 1835
Ion Ratio Lower Upper
56 100
69 185.5 23.4 35.2#
84 158.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.334 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

Tgt Ion: 65 Resp: 66919
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

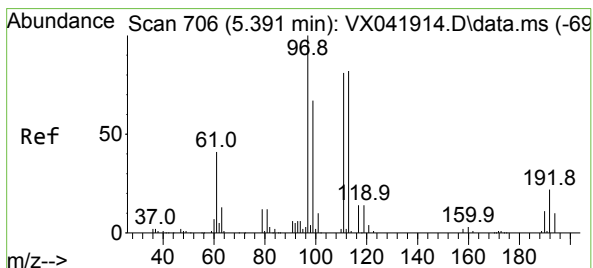
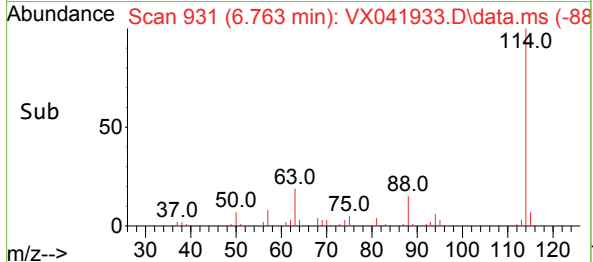
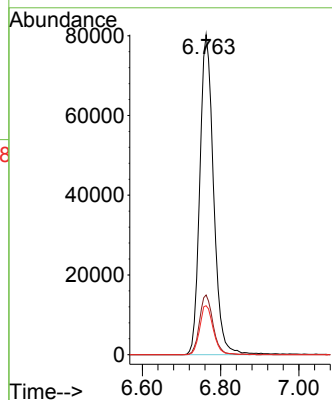
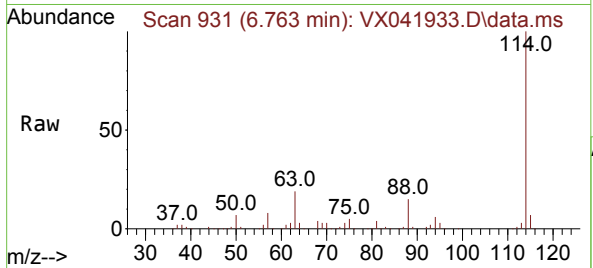




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

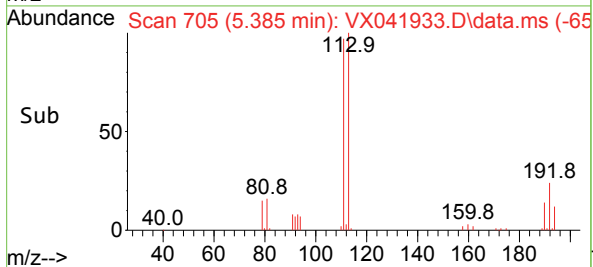
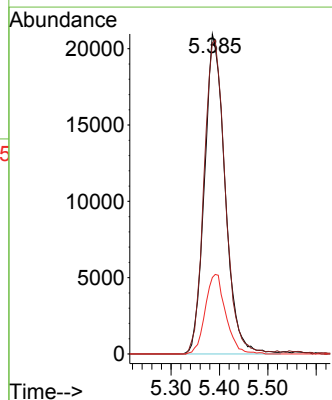
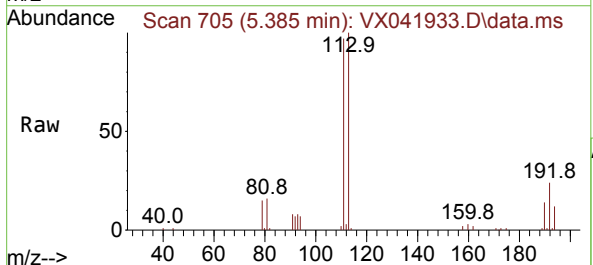
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-540-542

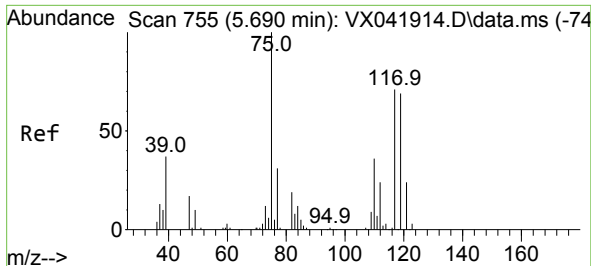
Tgt Ion:114 Resp: 196368
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.448 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

Tgt Ion:113 Resp: 61931
Ion Ratio Lower Upper
113 100
111 101.1 82.9 124.3
192 24.8 13.3 19.9#

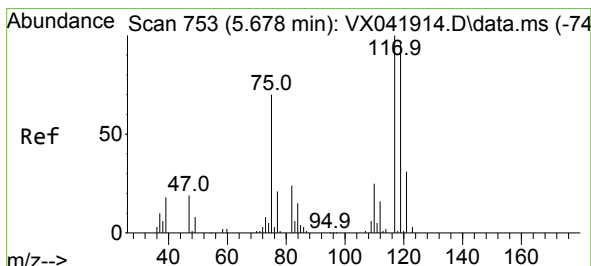
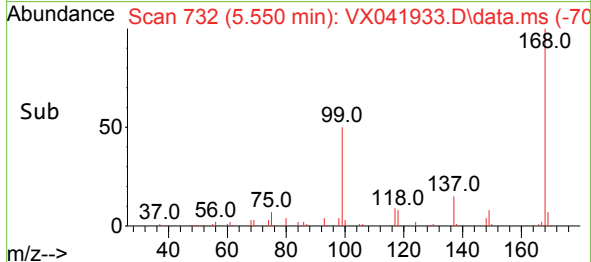
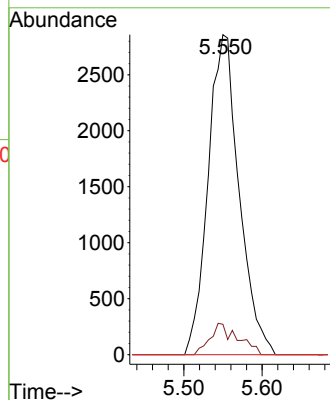
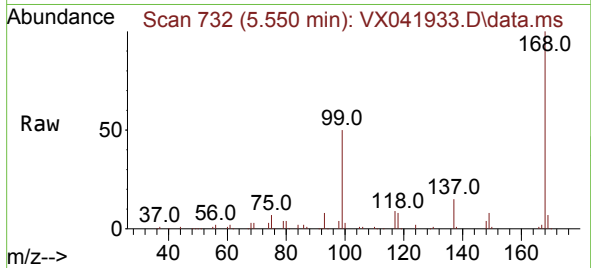




#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

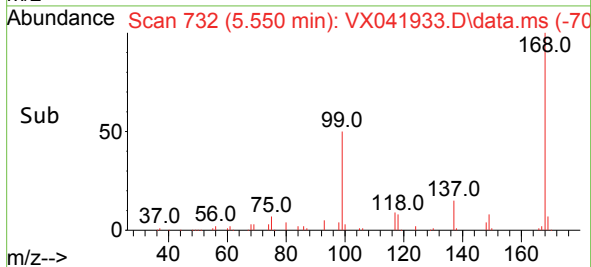
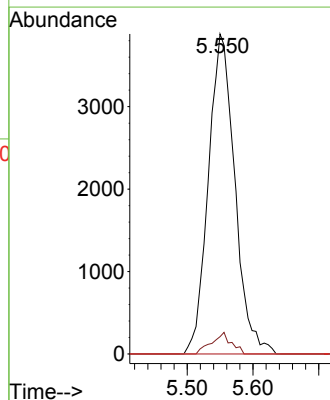
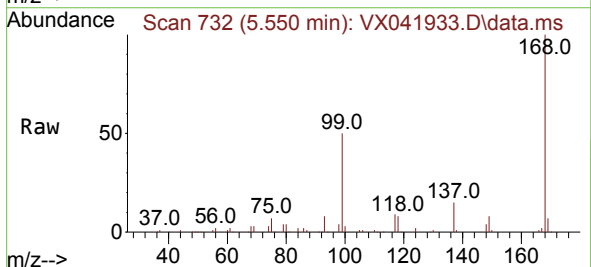
Instrument :
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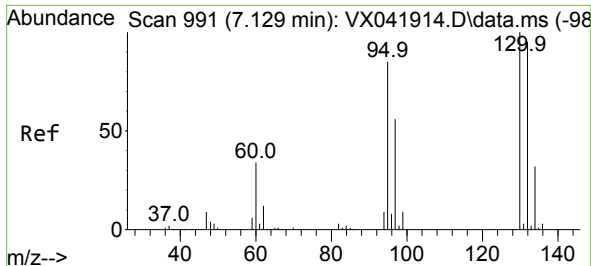
Tgt Ion: 75 Resp: 7858
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.660 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

Tgt Ion: 117 Resp: 10888
Ion Ratio Lower Upper
117 100
119 5.4 78.2 117.2#
121 0.0 24.4 36.6#

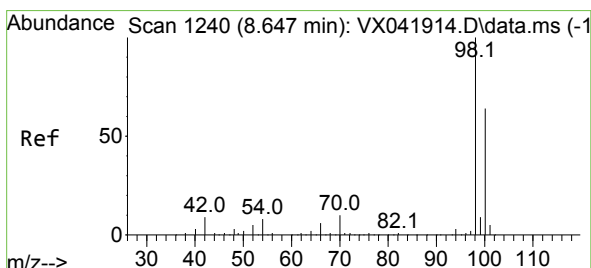
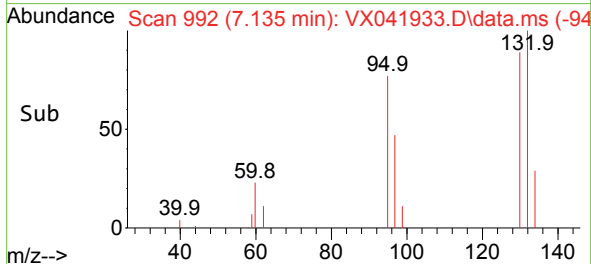
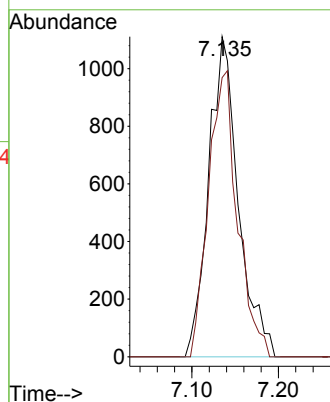
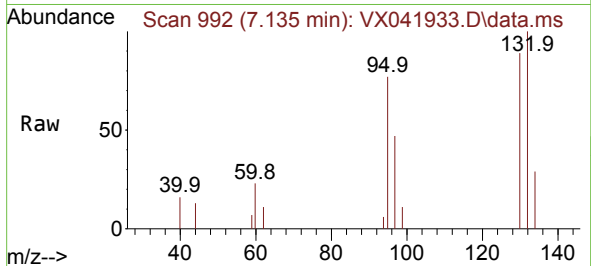




#44
Trichloroethene
Concen: 1.980 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

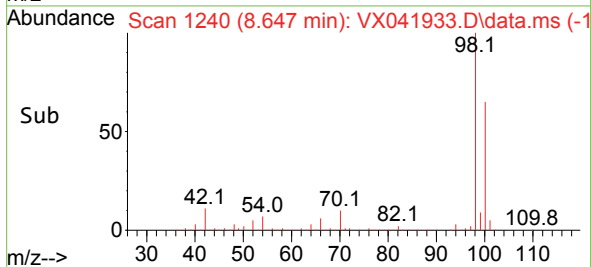
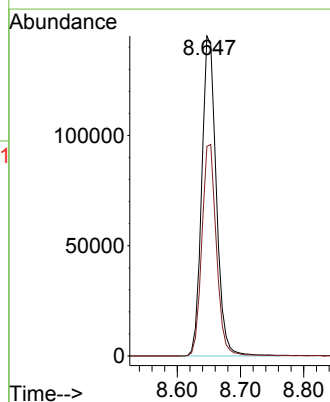
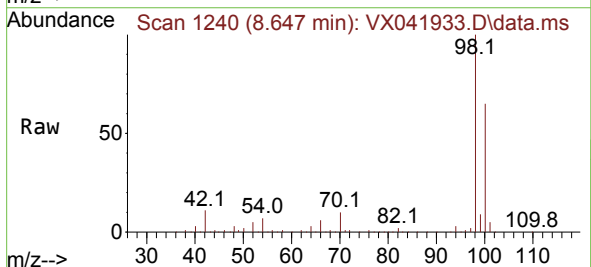
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-540-542

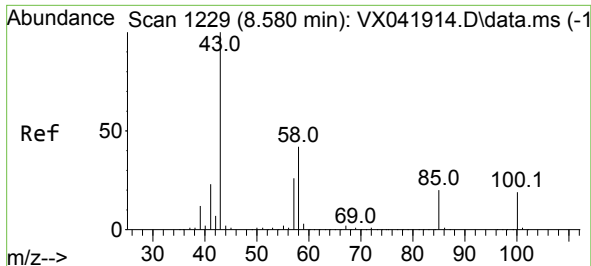
Tgt Ion:130 Resp: 2648
Ion Ratio Lower Upper
130 100
95 87.2 0.0 204.4



#50
Toluene-d8
Concen: 47.422 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

Tgt Ion: 98 Resp: 232124
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.484 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX041933.D

Acq: 18 Jun 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

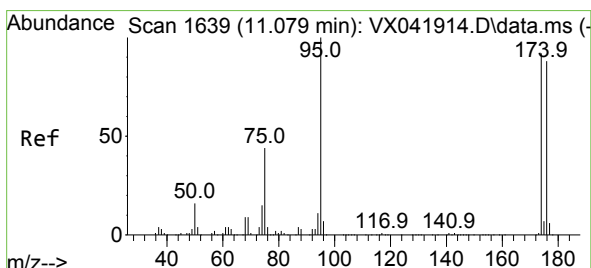
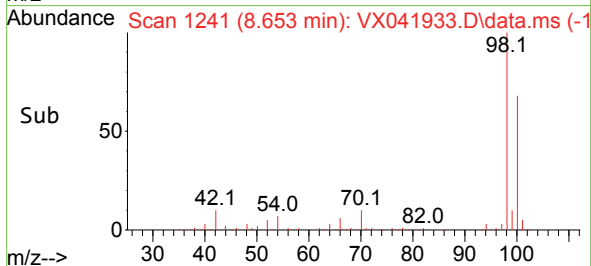
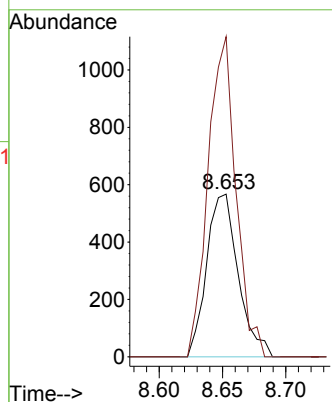
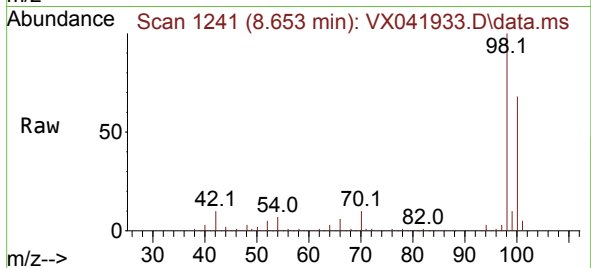
BP-VPB-196-GW-540-542

Tgt Ion: 43 Resp: 986

Ion Ratio Lower Upper

43 100

58 174.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX041933.D

Acq: 18 Jun 2024 19:10

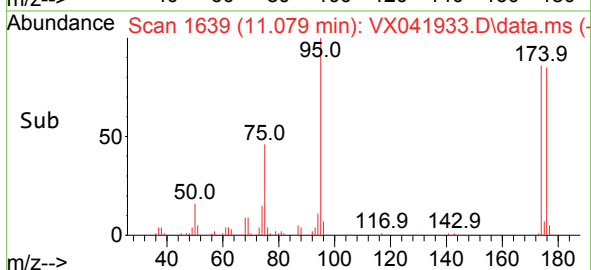
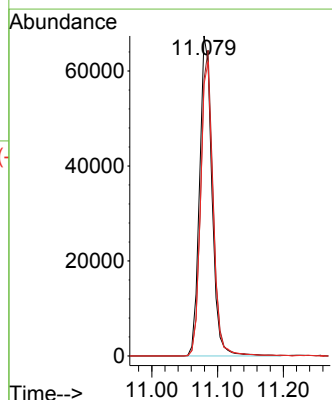
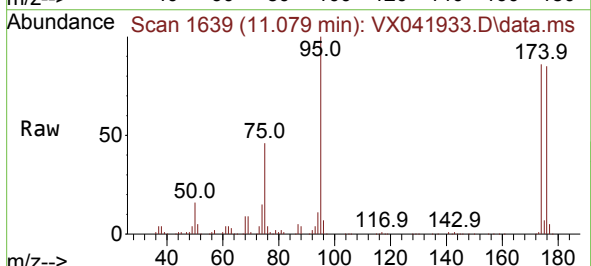
Tgt Ion: 95 Resp: 88232

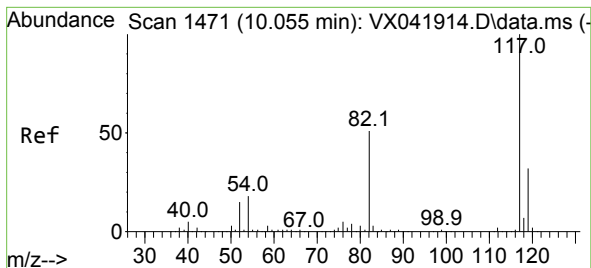
Ion Ratio Lower Upper

95 100

174 95.6 0.0 135.6

176 92.9 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: VX041933.D

Acq: 18 Jun 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-GW-540-542

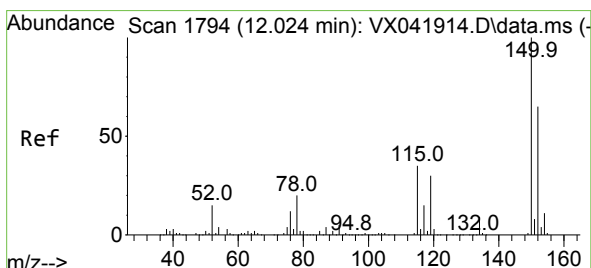
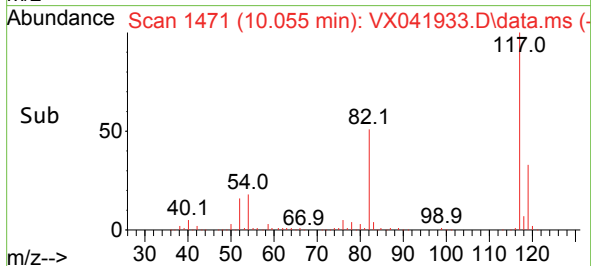
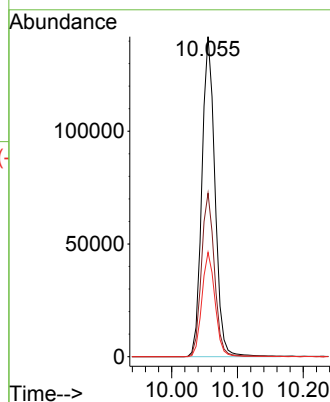
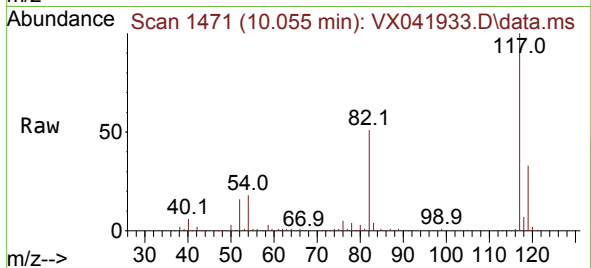
Tgt Ion:117 Resp: 196429

Ion Ratio Lower Upper

117 100

82 51.1 46.2 69.4

119 32.6 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: VX041933.D

Acq: 18 Jun 2024 19:10

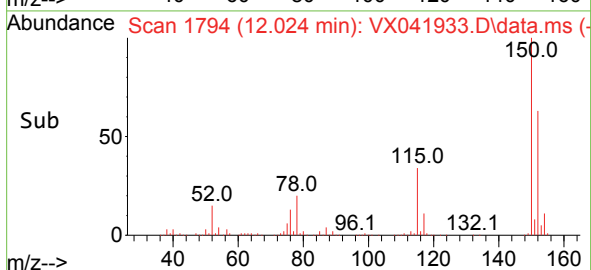
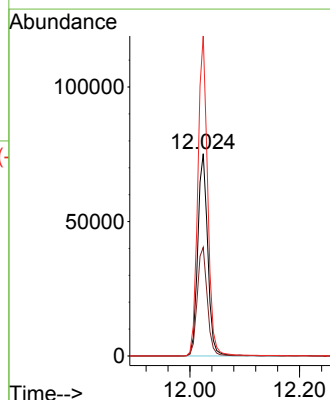
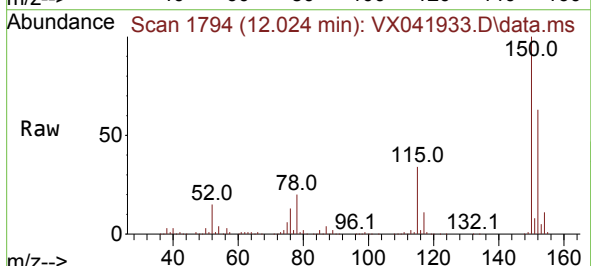
Tgt Ion:152 Resp: 95537

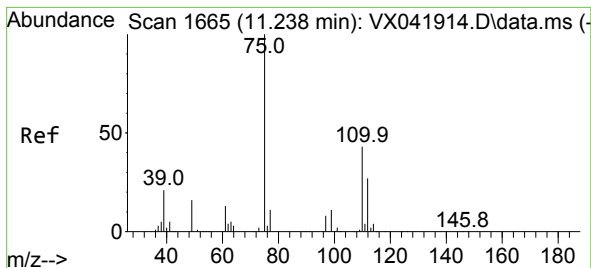
Ion Ratio Lower Upper

152 100

115 54.1 43.3 129.9

150 155.9 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.502 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041933.D

Acq: 18 Jun 2024 19:10

Instrument :

MSVOA_X

ClientSampleId :

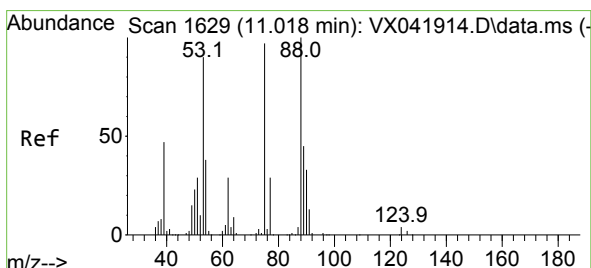
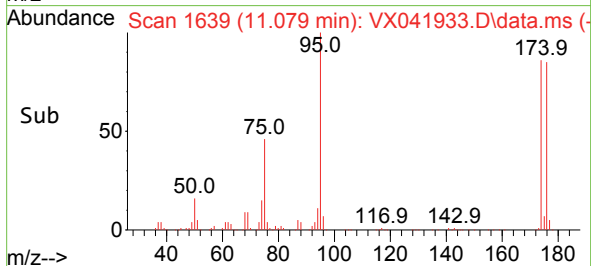
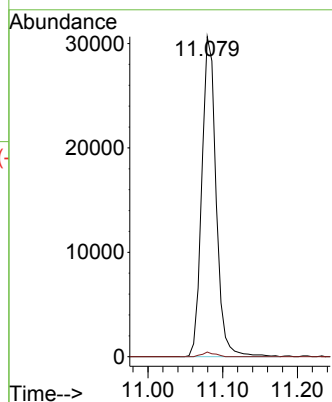
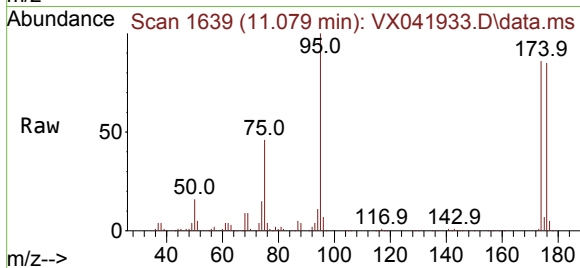
BP-VPB-196-GW-540-542

Tgt Ion: 75 Resp: 40761

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.743 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041933.D

Acq: 18 Jun 2024 19:10

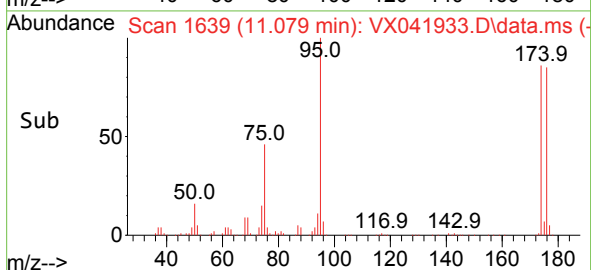
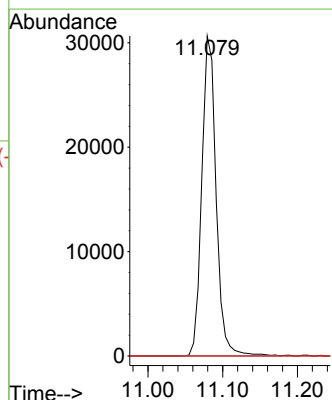
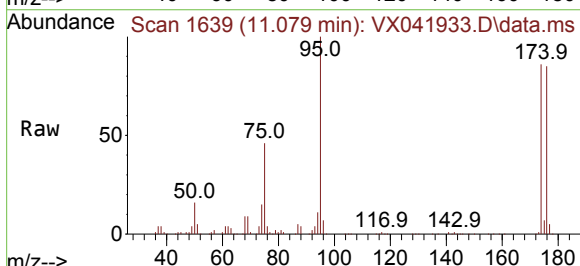
Tgt Ion: 75 Resp: 40761

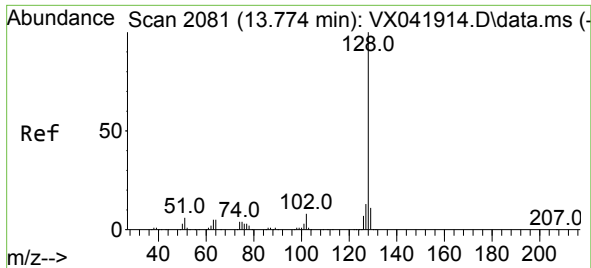
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

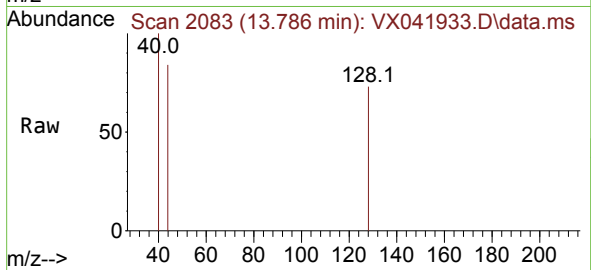
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.780 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX041933.D
Acq: 18 Jun 2024 19:10

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-GW-540-542



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

