

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042000.D
 Acq On : 24 Jun 2024 13:27
 Operator : JC/MD
 Sample : P2927-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-189-GW-520-522DL

Quant Time: Jun 25 06:13:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

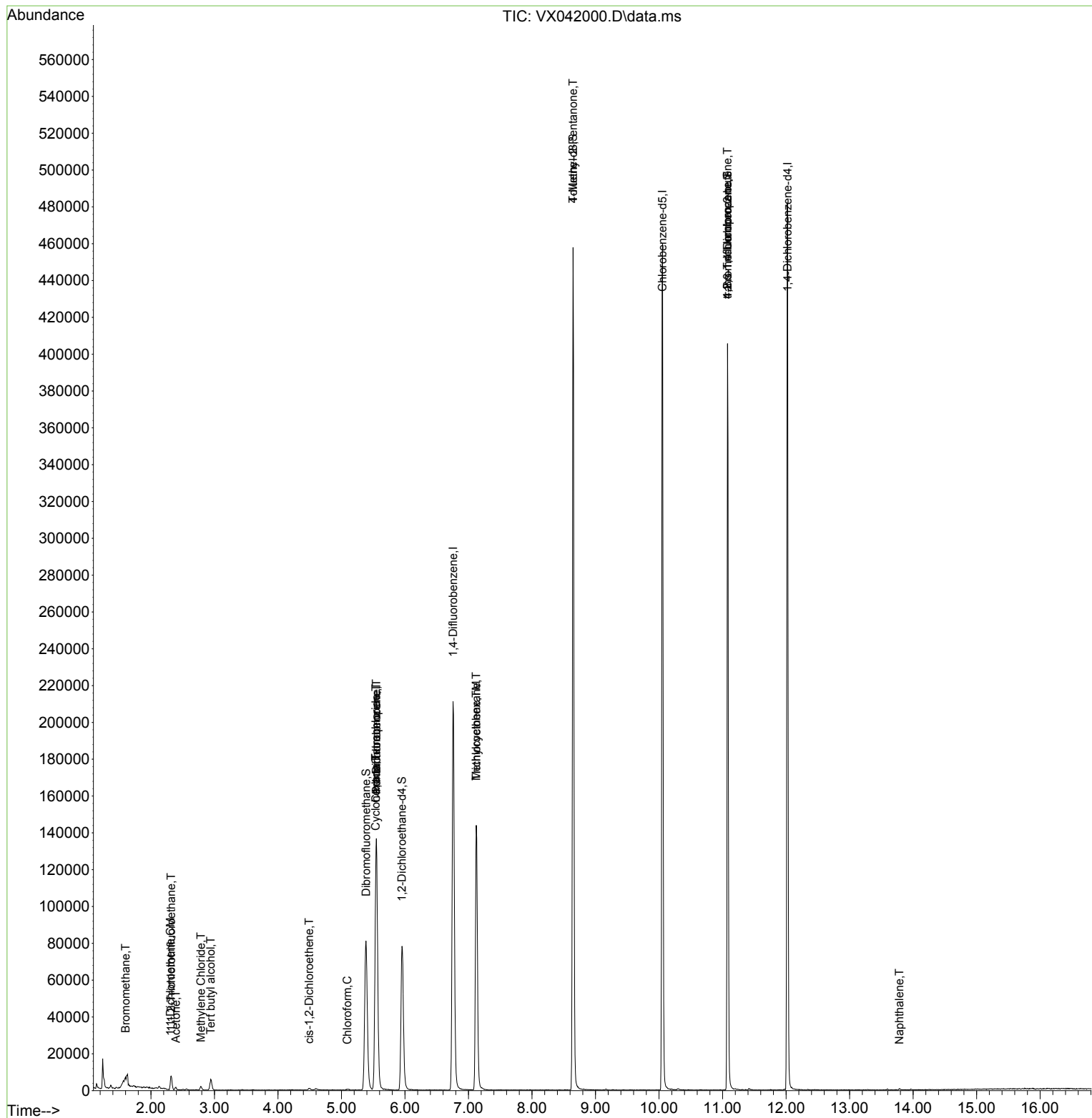
Internal Standards						
1) Pentafluorobenzene	5.550	168	150923	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	235167	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75953	43.643	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.280%
35) Dibromofluoromethane	5.385	113	72812	43.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.280%
50) Toluene-d8	8.647	98	279631	47.702	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.079	95	106459	49.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	426	0.597	ug/l	# 65
6) Chloroethane	1.648	64	127	Below Cal		# 43
9) 1,1,2-Trichlorotrifluo...	2.319	101	2907	2.228	ug/l	93
11) Tert butyl alcohol	2.940	59	3526	10.676	ug/l	# 78
12) 1,1-Dichloroethene	2.306	96	444	0.341	ug/l	# 75
16) Acetone	2.392	43	1498	1.960	ug/l	98
20) Methylene Chloride	2.788	84	1023	0.611	ug/l	# 76
27) cis-1,2-Dichloroethene	4.489	96	364	0.220	ug/l	47
30) Chloroform	5.093	83	661	0.260	ug/l	95
31) Cyclohexane	5.538	56	1995	0.980	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8491	4.792	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	13005	6.643	ug/l	# 15
39) Methylcyclohexane	7.123	83	726	0.324	ug/l	# 1
44) Trichloroethene	7.123	130	64348	40.170	ug/l	88
51) 4-Methyl-2-Pentanone	8.647	43	1035	0.424	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	48419	22.398	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	48419	63.608	ug/l	# 5
95) Naphthalene	13.786	128	861	0.847	ug/l	# 84

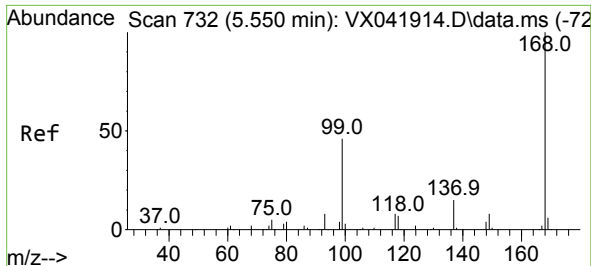
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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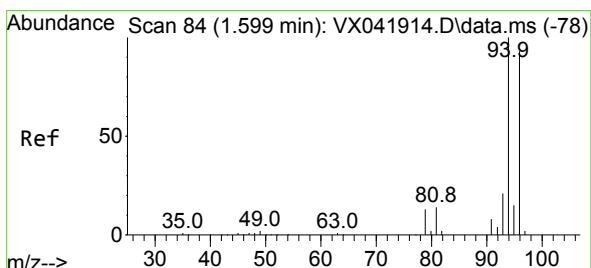
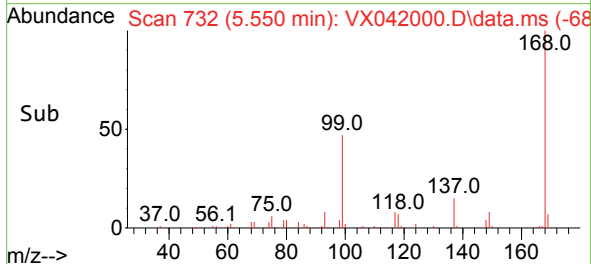
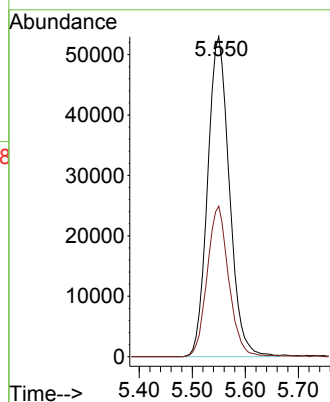
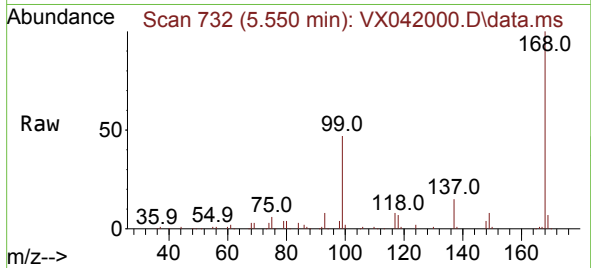




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

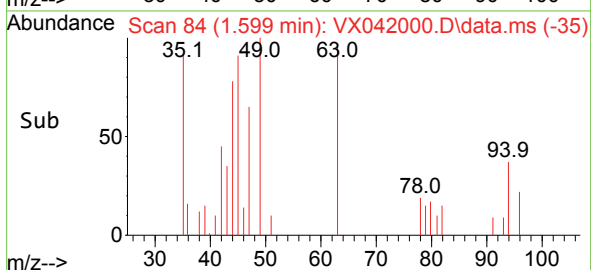
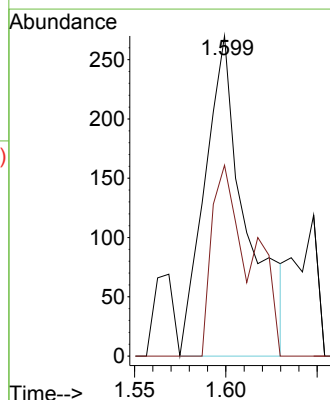
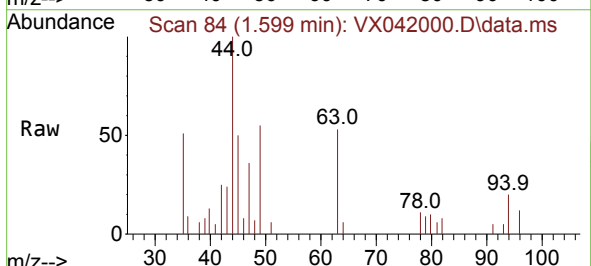
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522DL

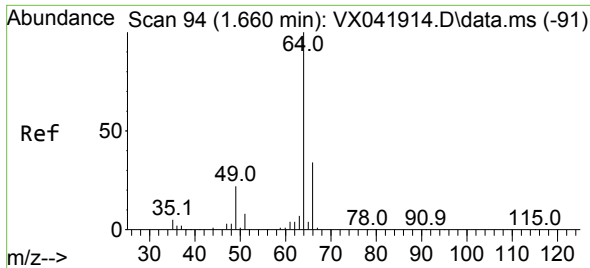
Tgt Ion:168 Resp: 150923
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#5
Bromomethane
Concen: 0.597 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 59.6 74.6 111.8#

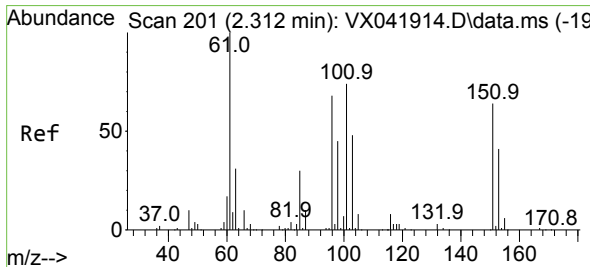
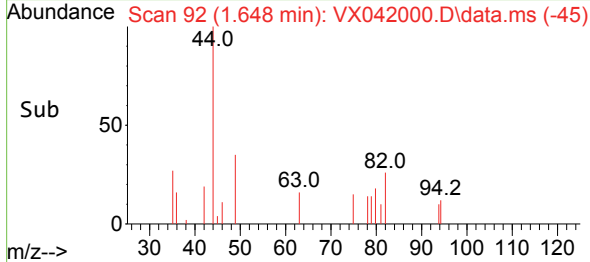
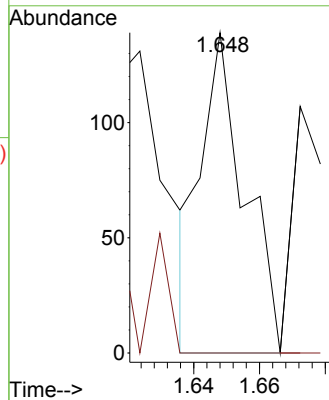
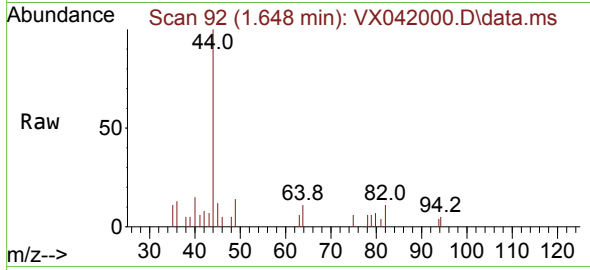




#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

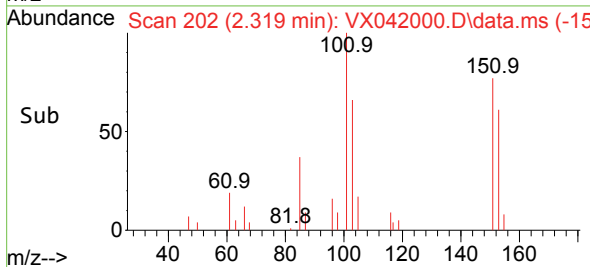
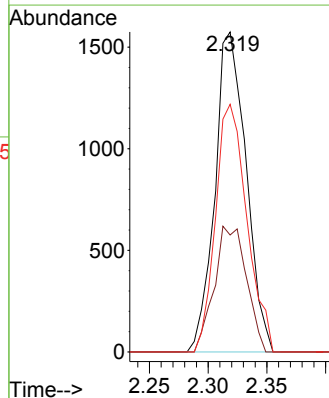
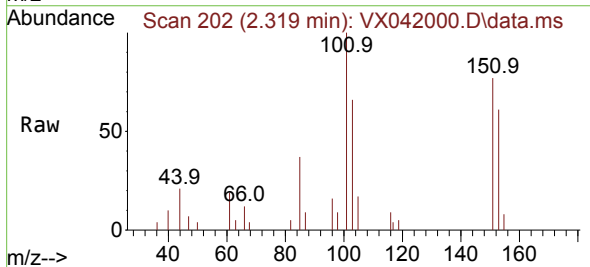
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522DL

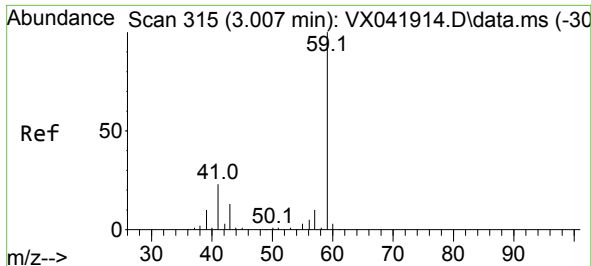
Tgt Ion: 64 Resp: 127
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.228 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 101 Resp: 2907
Ion Ratio Lower Upper
101 100
85 40.5 37.0 55.6
151 78.1 58.6 87.8





#11

Tert butyl alcohol

Concen: 10.676 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.067 min

Lab File: VX042000.D

Acq: 24 Jun 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

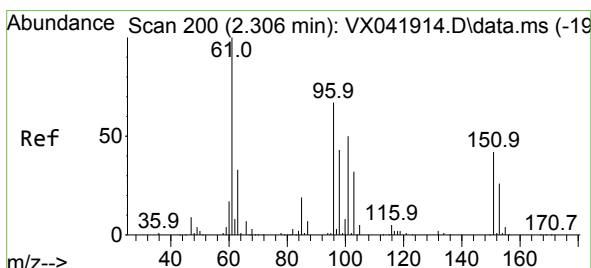
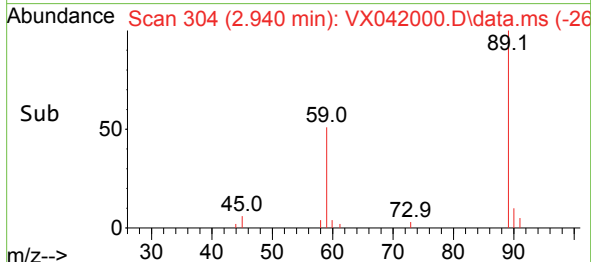
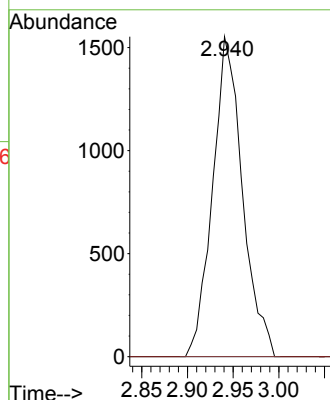
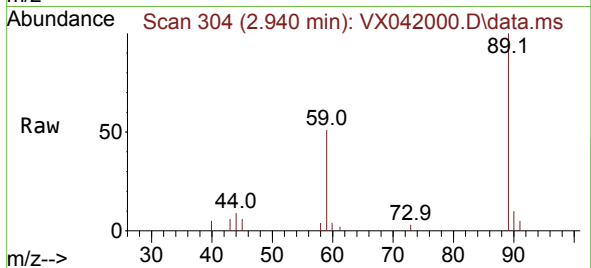
BP-VPB-189-GW-520-522DL

Tgt Ion: 59 Resp: 3526

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.341 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX042000.D

Acq: 24 Jun 2024 13:27

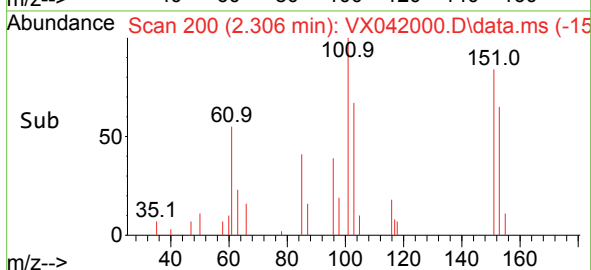
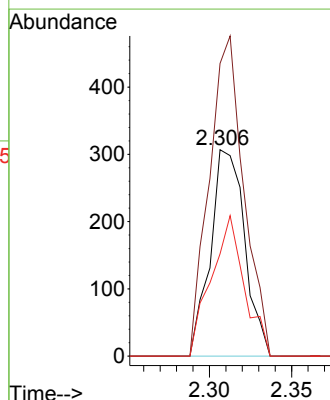
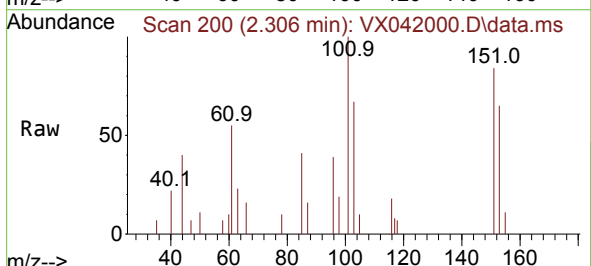
Tgt Ion: 96 Resp: 444

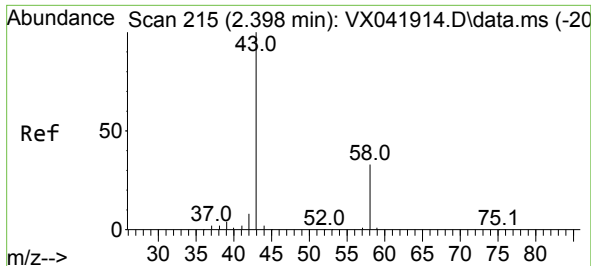
Ion Ratio Lower Upper

96 100

61 141.7 144.6 216.8#

98 49.5 50.4 75.6#

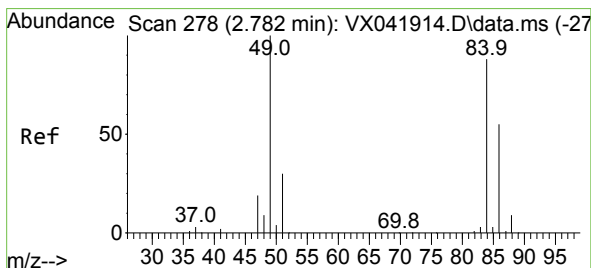
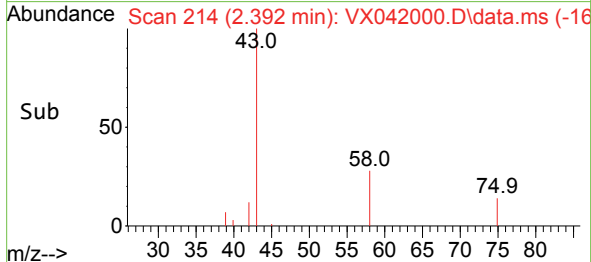
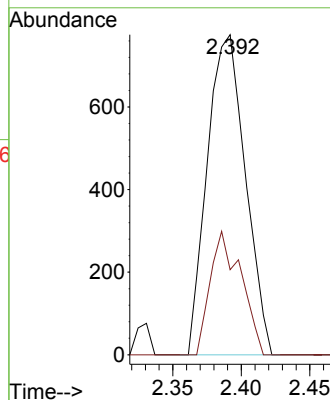
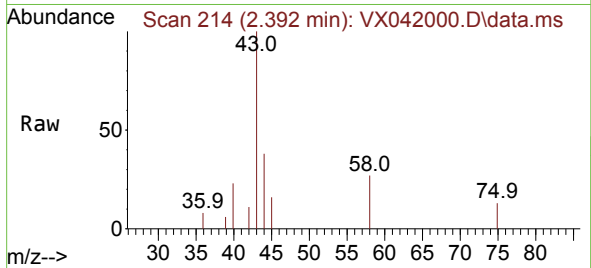




#16
Acetone
Concen: 1.960 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

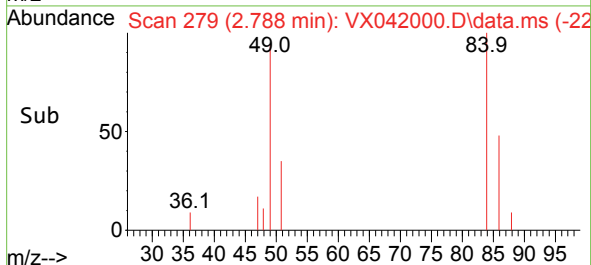
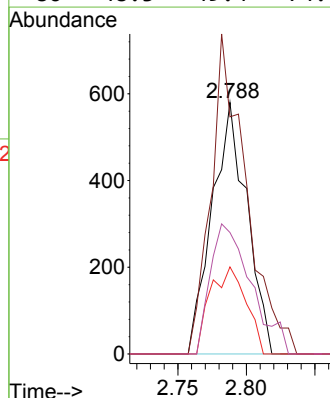
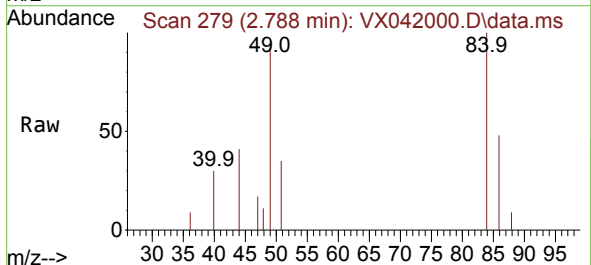
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522DL

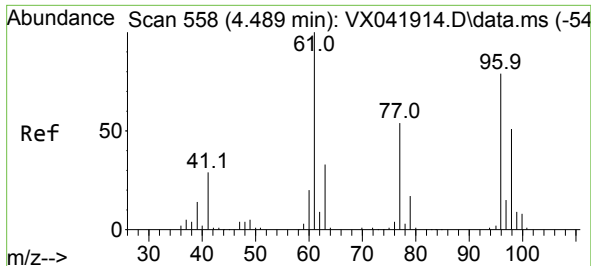
Tgt Ion: 43 Resp: 1498
Ion Ratio Lower Upper
43 100
58 26.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.611 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 84 Resp: 1023
Ion Ratio Lower Upper
84 100
49 94.3 103.6 155.4#
51 34.7 33.8 50.6
86 48.3 49.4 74.0#





#27

cis-1,2-Dichloroethene

Concen: 0.220 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX042000.D

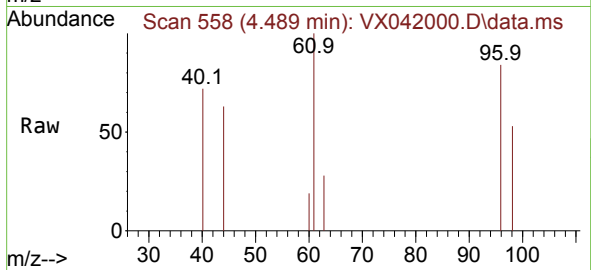
Acq: 24 Jun 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-520-522DL



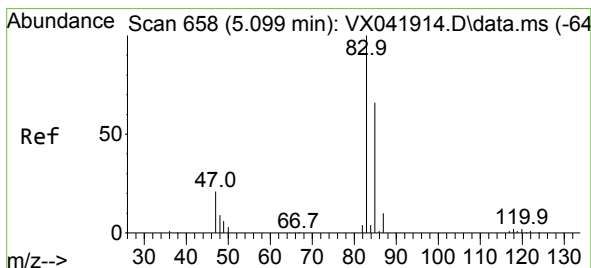
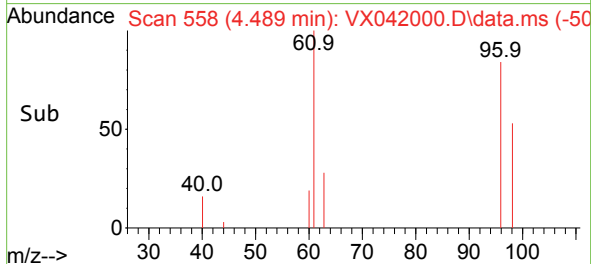
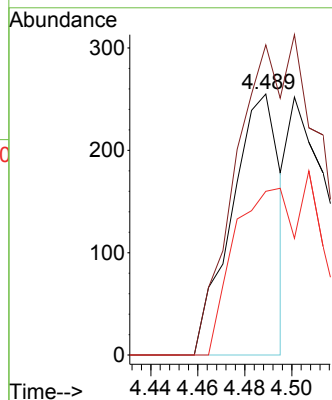
Tgt Ion: 96 Resp: 364

Ion Ratio Lower Upper

96 100

61 221.2 0.0 312.2

98 112.4 0.0 129.0



#30

Chloroform

Concen: 0.260 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX042000.D

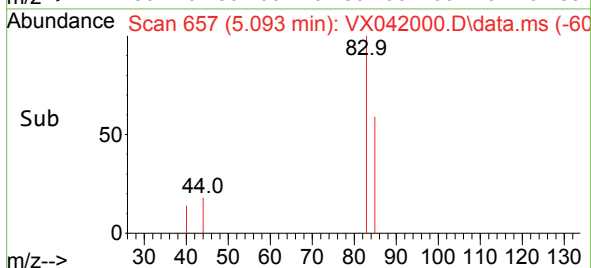
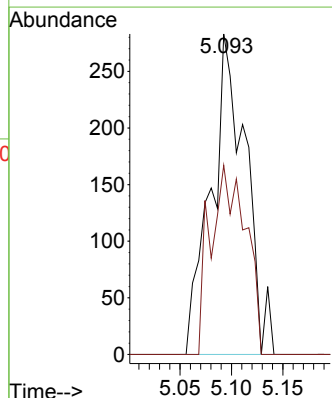
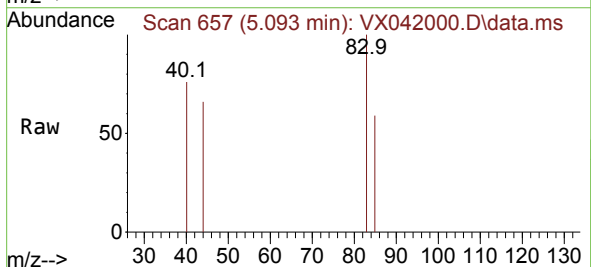
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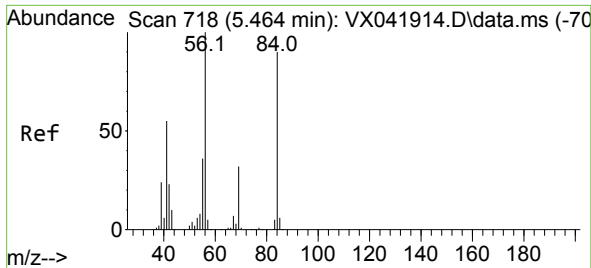
Tgt Ion: 83 Resp: 661

Ion Ratio Lower Upper

83 100

85 59.0 50.3 75.5

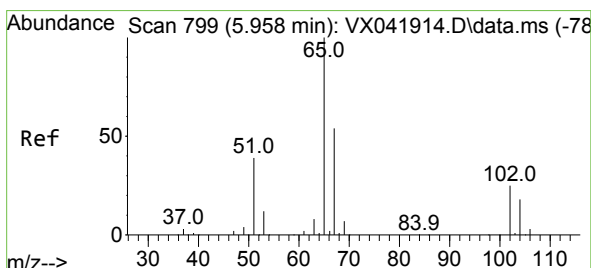
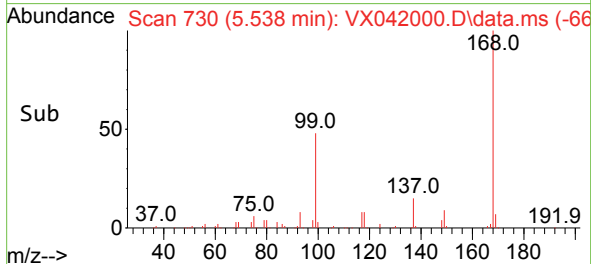
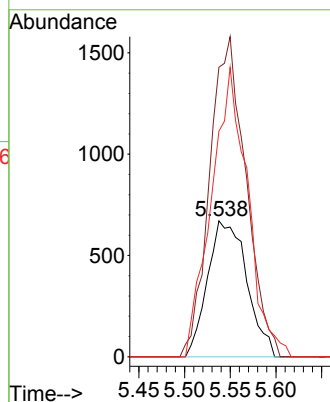
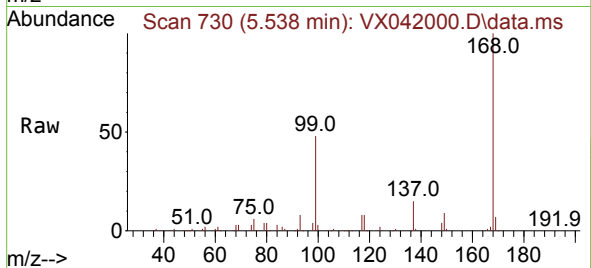




#31
Cyclohexane
Concen: 0.980 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

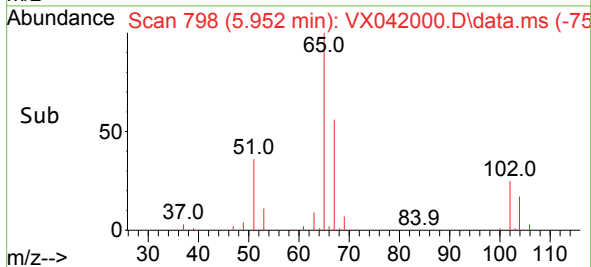
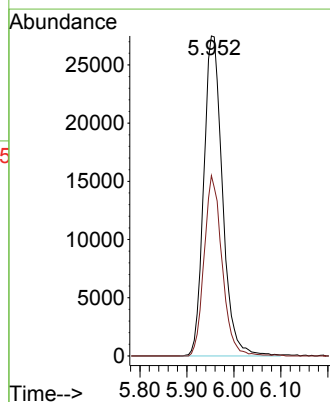
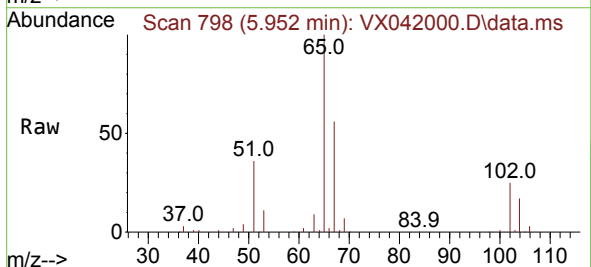
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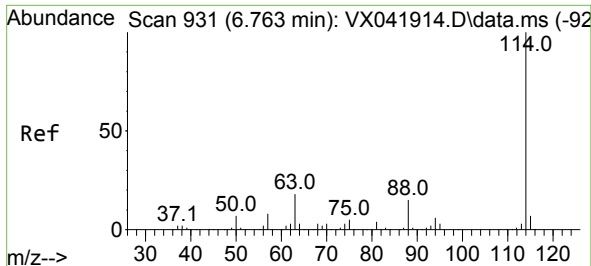
Tgt Ion: 56 Resp: 1995
Ion Ratio Lower Upper
56 100
69 213.0 23.4 35.2#
84 166.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.643 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 65 Resp: 75953
Ion Ratio Lower Upper
65 100
67 54.0 0.0 100.2

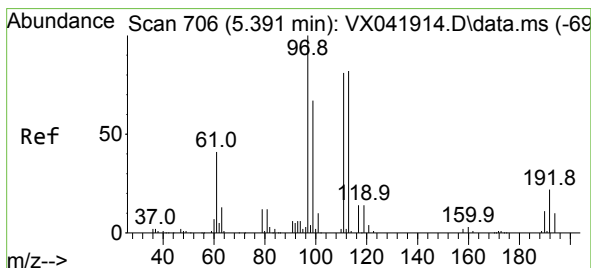
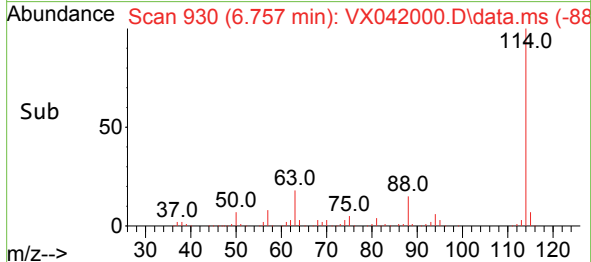
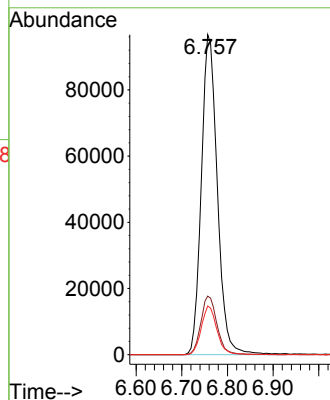
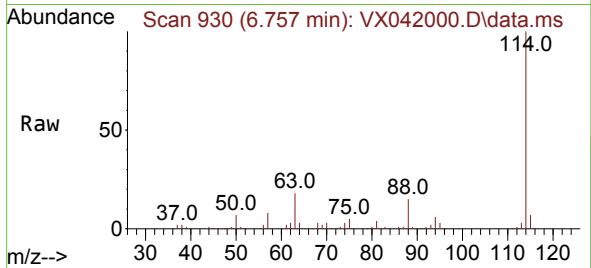




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

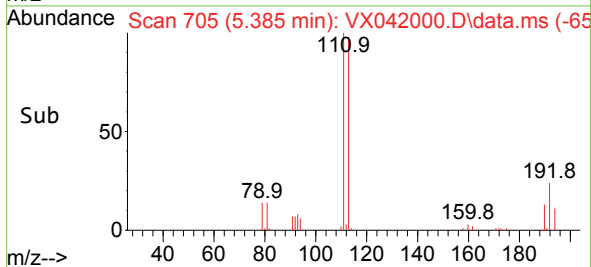
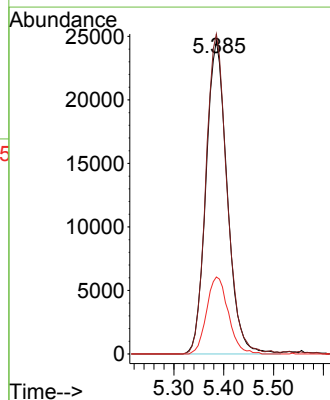
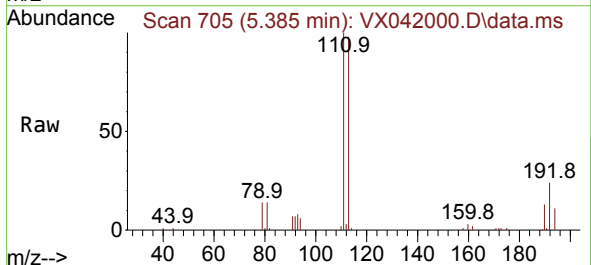
Instrument :
MSVOA_X
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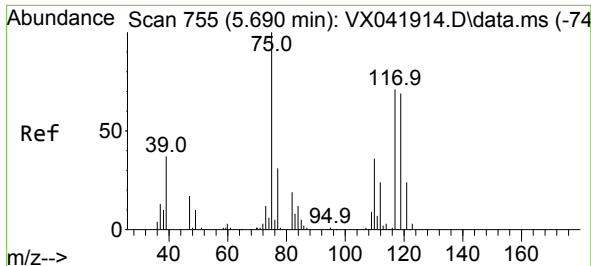
Tgt Ion:114 Resp: 235167
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.636 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

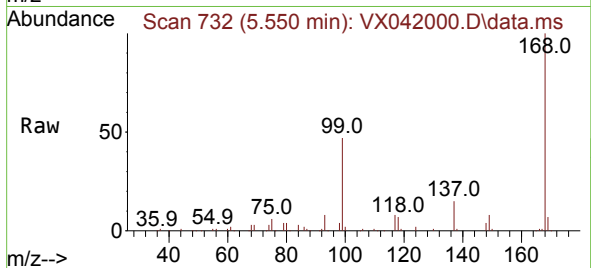
Tgt Ion:113 Resp: 72812
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 25.1 13.3 19.9#



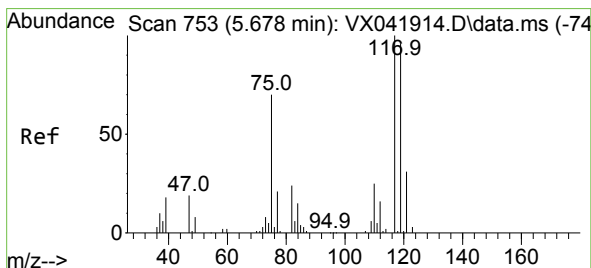
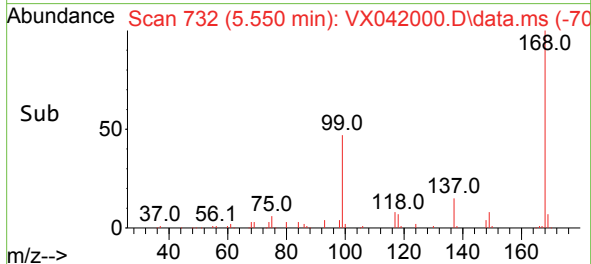
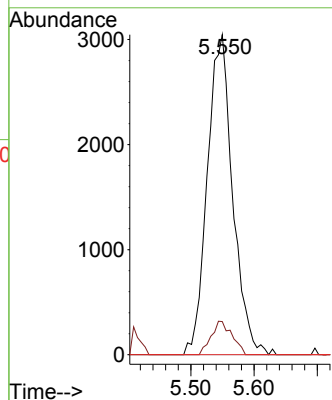


#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522DL

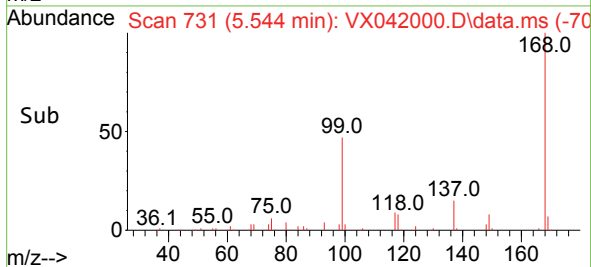
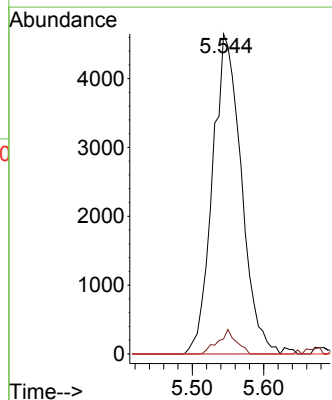
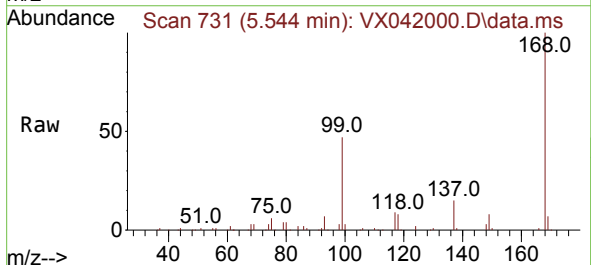


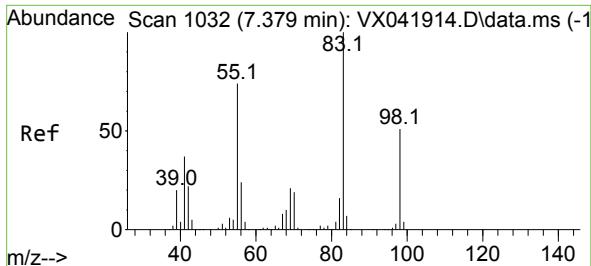
Tgt Ion: 75 Resp: 8491
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.643 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 117 Resp: 13005
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

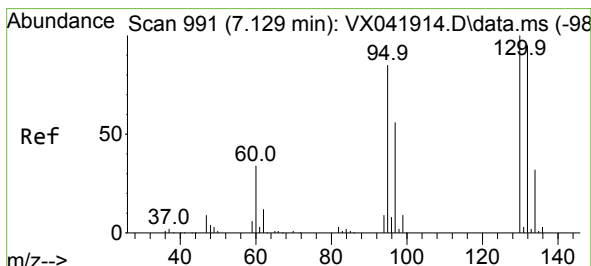
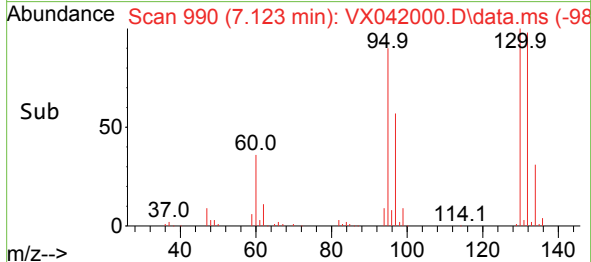
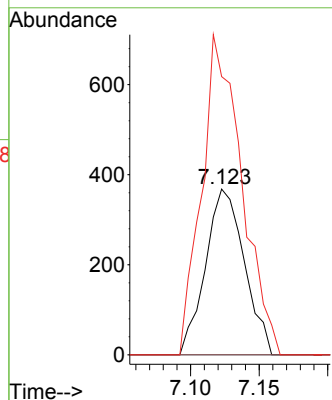
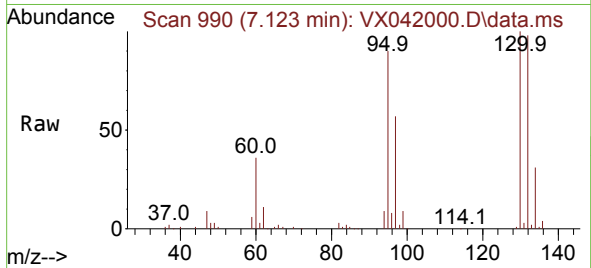




#39
Methylcyclohexane
Concen: 0.324 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.256 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

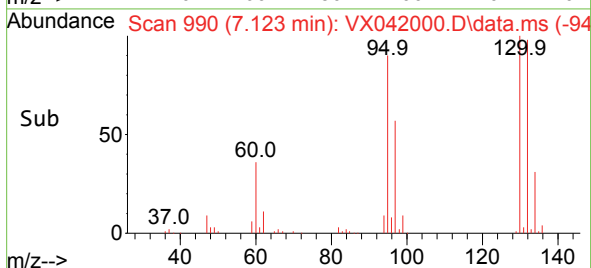
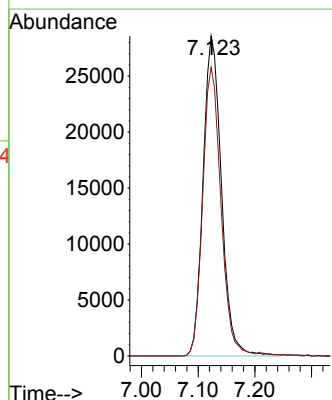
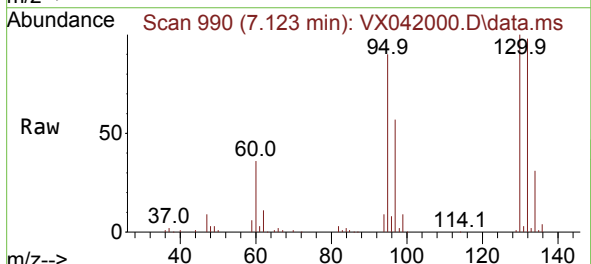
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522DL

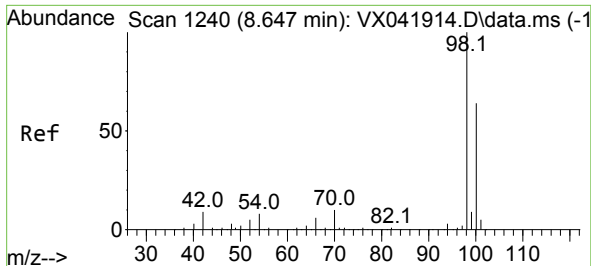
Tgt Ion: 83 Resp: 726
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 167.9 36.7 55.1#



#44
Trichloroethene
Concen: 40.170 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion:130 Resp: 64348
Ion Ratio Lower Upper
130 100
95 90.2 0.0 204.4

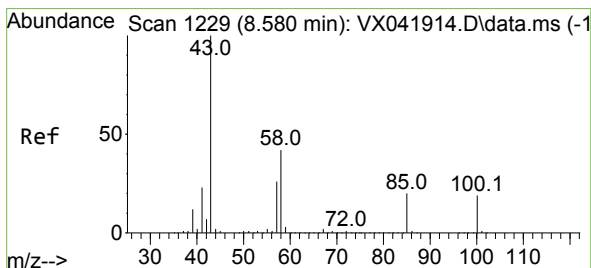
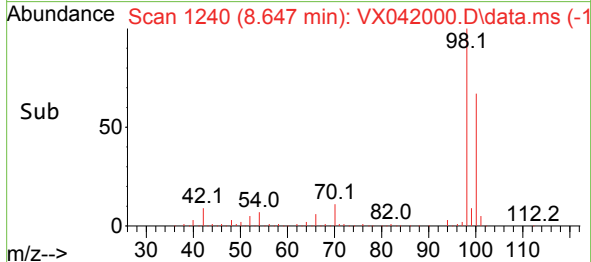
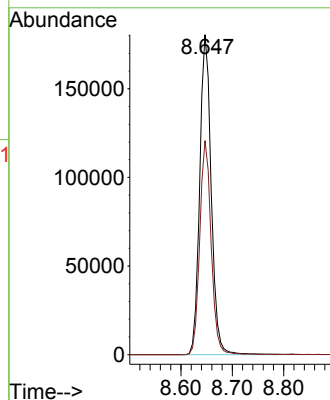
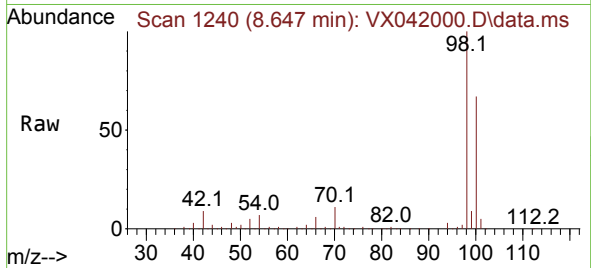




#50
Toluene-d8
Concen: 47.702 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

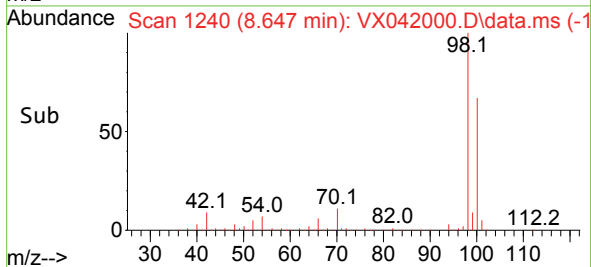
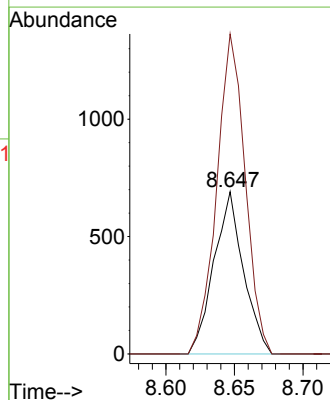
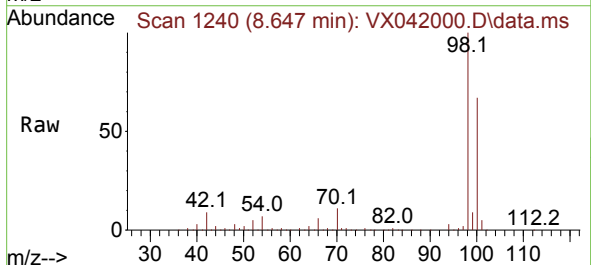
Instrument : MSVOA_X
ClientSampleId : BP-VPB-189-GW-520-522DL

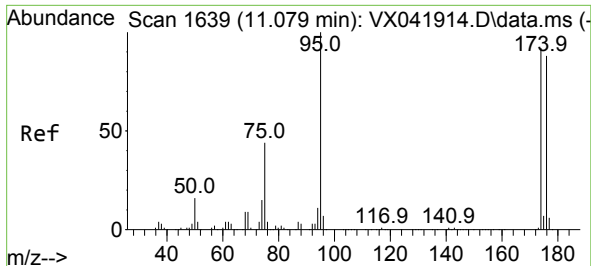
Tgt Ion: 98 Resp: 279631
Ion Ratio Lower Upper
98 100
100 66.5 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.424 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 190.2 30.4 45.6

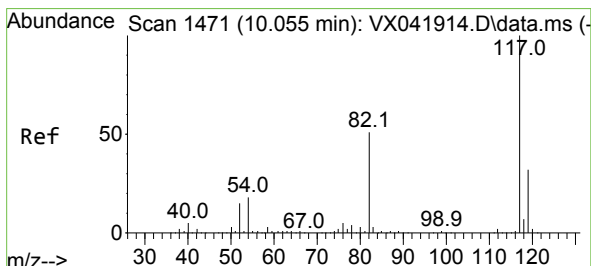
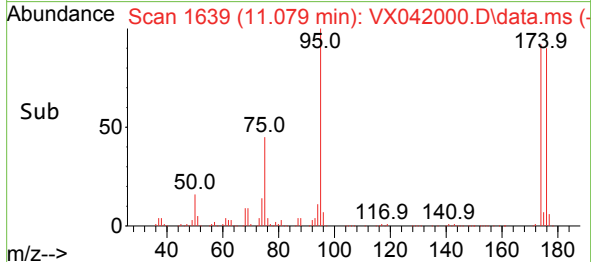
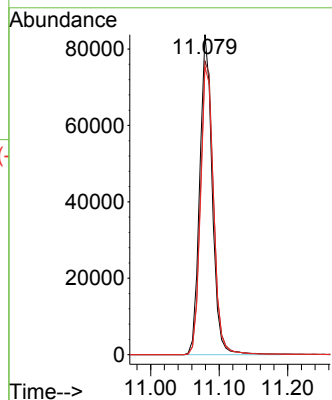
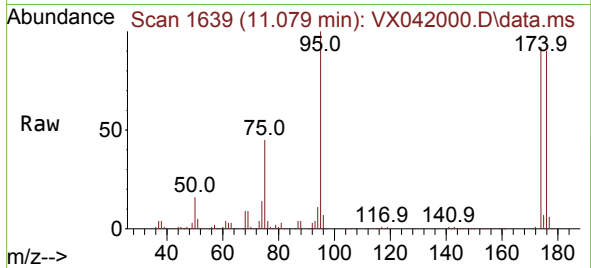




#62
4-Bromofluorobenzene
Concen: 49.267 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

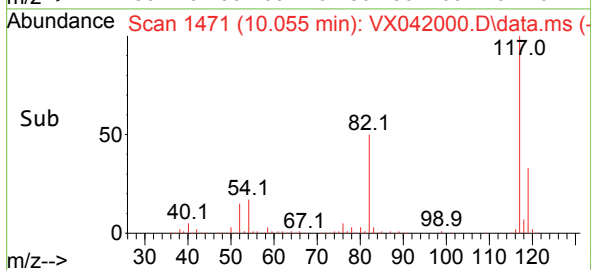
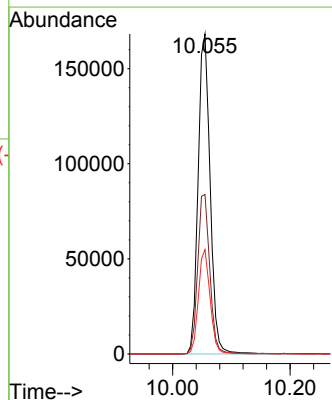
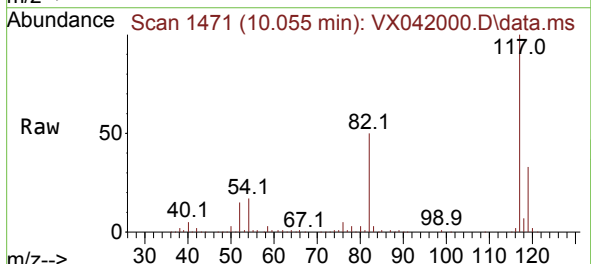
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522DL

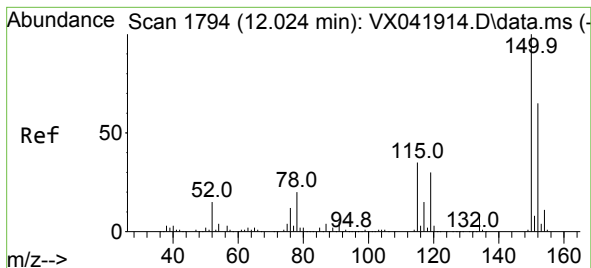
Tgt Ion: 95 Resp: 106459
Ion Ratio Lower Upper
95 100
174 97.5 0.0 135.6
176 94.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 117 Resp: 239220
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 32.7 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: VX042000.D

Acq: 24 Jun 2024 13:27

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-189-GW-520-522DL

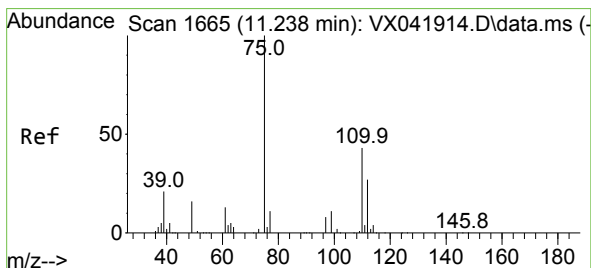
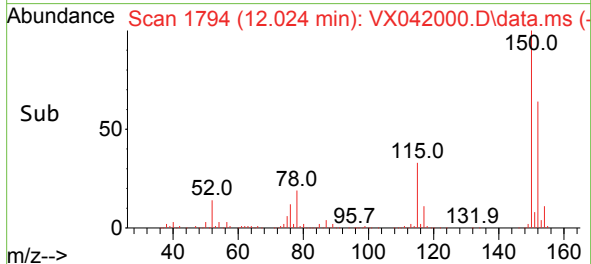
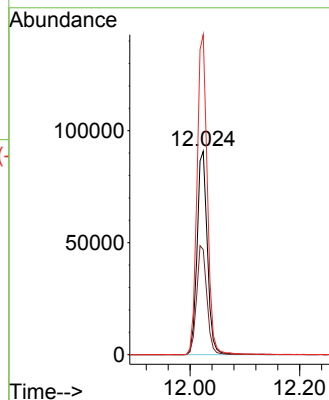
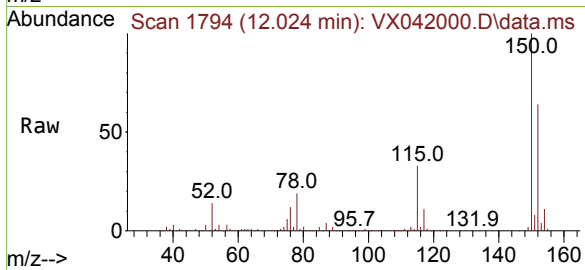
Tgt Ion:152 Resp: 119079

Ion Ratio Lower Upper

152 100

115 53.8 43.3 129.9

150 157.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.398 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042000.D

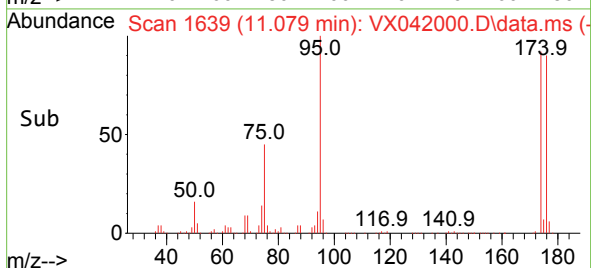
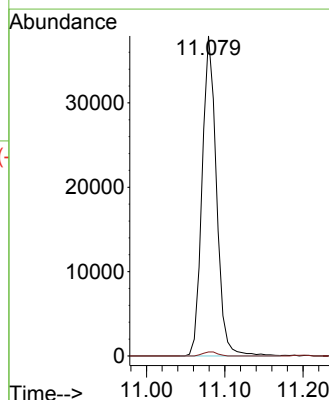
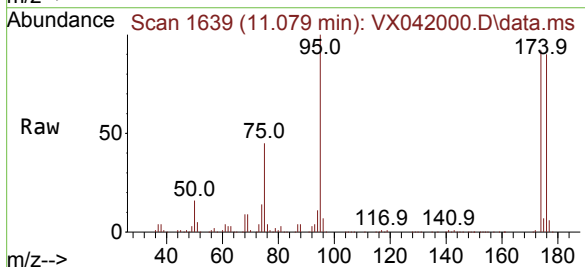
Acq: 24 Jun 2024 13:27

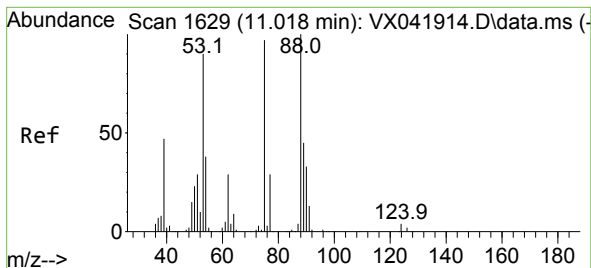
Tgt Ion: 75 Resp: 48419

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

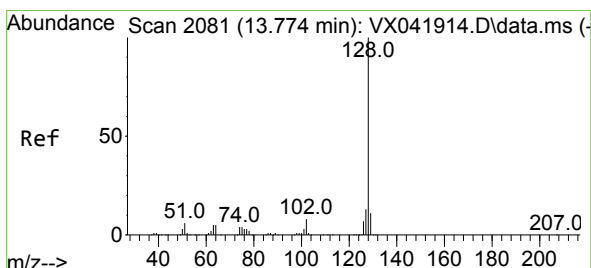
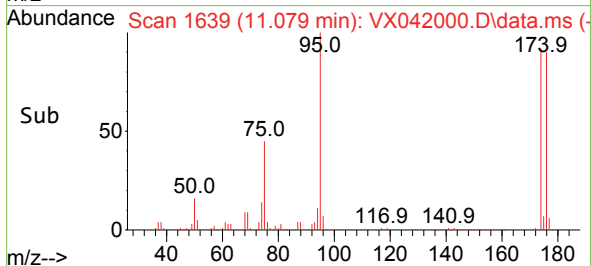
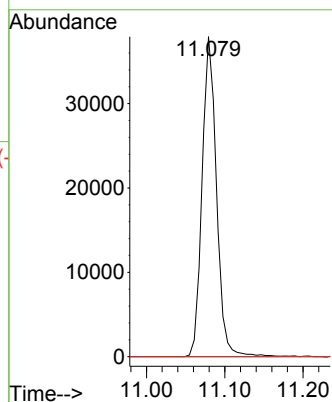
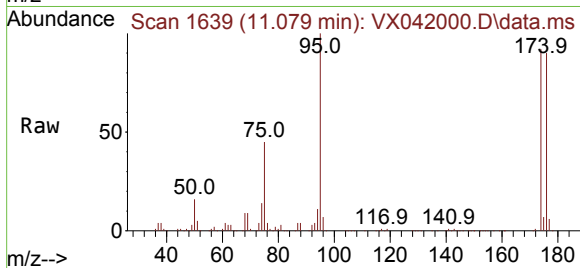




#81
trans-1,4-Dichloro-2-butene
Concen: 63.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-189-GW-520-522DL

Tgt Ion: 75 Resp: 48419
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 0.847 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX042000.D
Acq: 24 Jun 2024 13:27

Tgt Ion: 128 Resp: 861
Ion Ratio Lower Upper
128 100
127 7.2 10.3 15.5#
129 3.8 8.8 13.2#

