

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040090.D
 Acq On : 02 Feb 2024 16:25
 Operator : JC/MD
 Sample : P1343-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240129

Quant Time: Feb 03 02:18:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

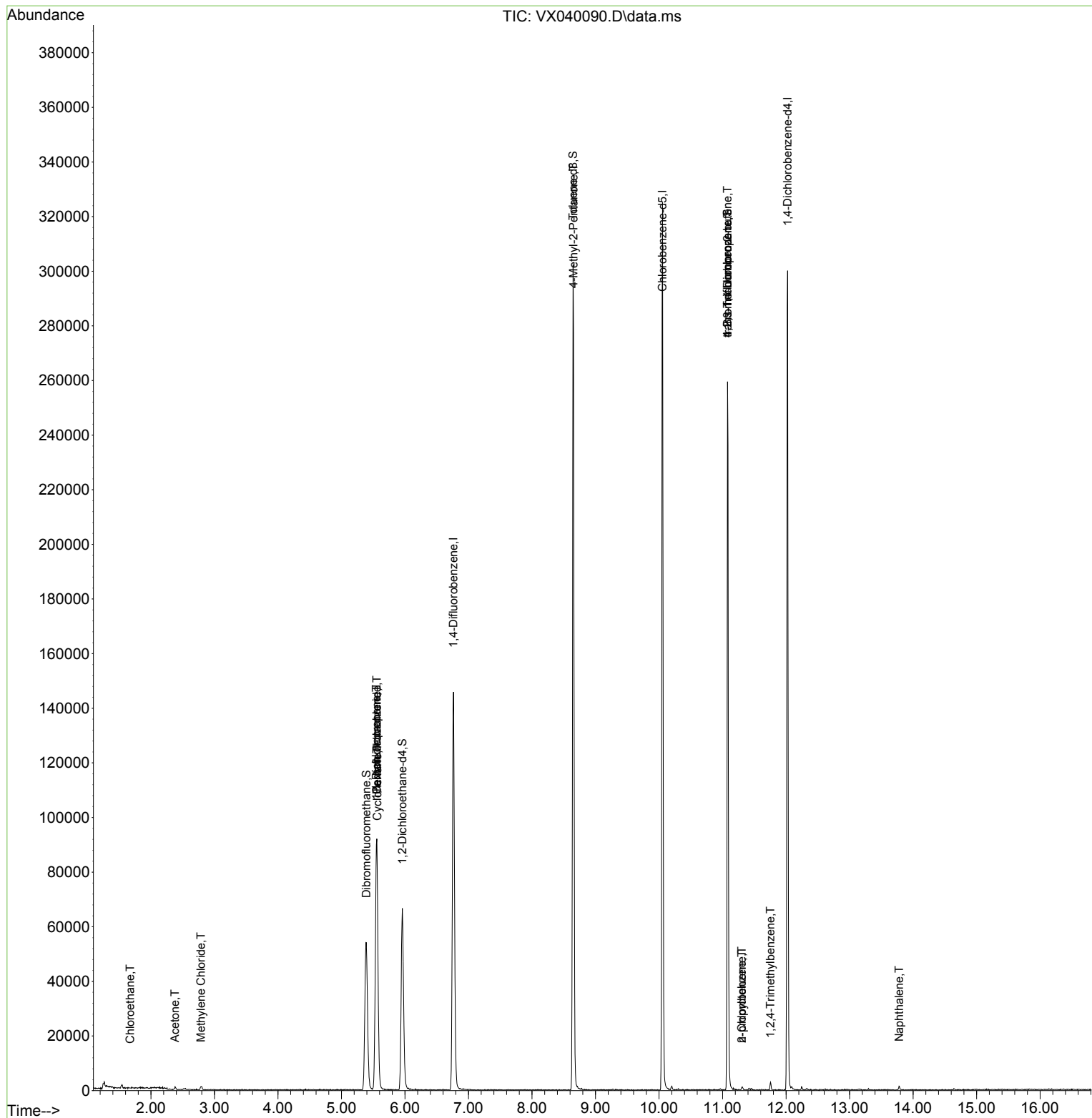
Internal Standards						
1) Pentafluorobenzene	5.556	168	80988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	141233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	137860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61553	47.225	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.440%		
35) Dibromofluoromethane	5.391	113	48415	50.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.720%		
50) Toluene-d8	8.646	98	176682	49.140	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.280%		
62) 4-Bromofluorobenzene	11.079	95	68137	49.216	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.440%		
Target Compounds						Qvalue
6) Chloroethane	1.672	64	199	0.377	ug/l #	43
16) Acetone	2.379	43	822	1.346	ug/l #	81
20) Methylene Chloride	2.788	84	692	0.638	ug/l #	76
31) Cyclohexane	5.562	56	2285	1.400	ug/l #	30
36) 1,1-Dichloropropene	5.549	75	7599	5.465	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8993	6.760	ug/l #	14
51) 4-Methyl-2-Pentanone	8.653	43	1012	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	38348	31.290	ug/l #	39
78) n-propylbenzene	11.305	91	1045	0.205	ug/l	93
79) 2-Chlorotoluene	11.305	91	1045	0.341	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	38348	89.029	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1628	0.459	ug/l	90
95) Naphthalene	13.780	128	1269	0.322	ug/l #	93

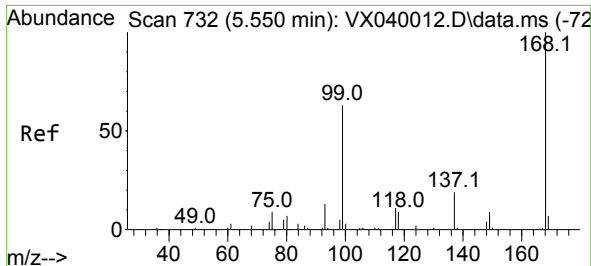
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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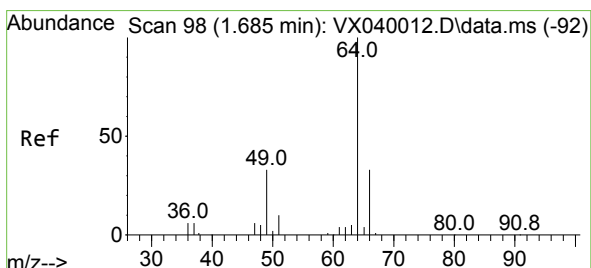
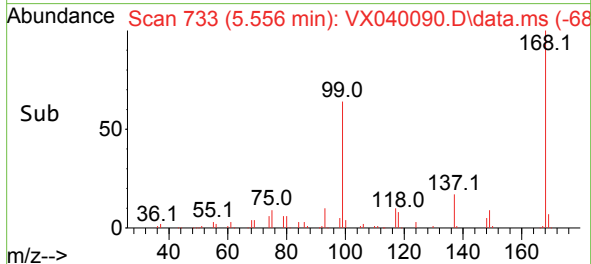
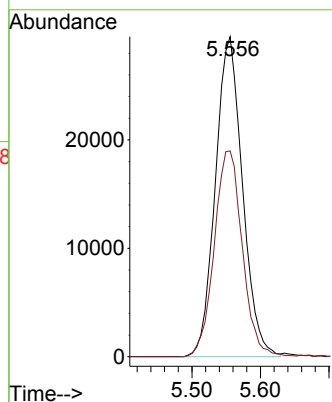
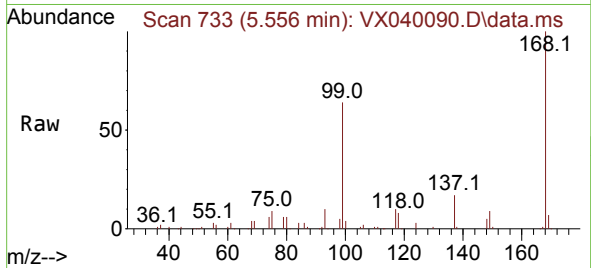




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

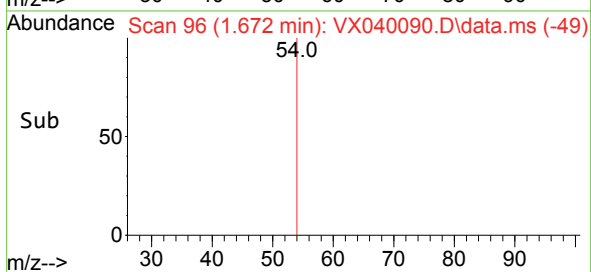
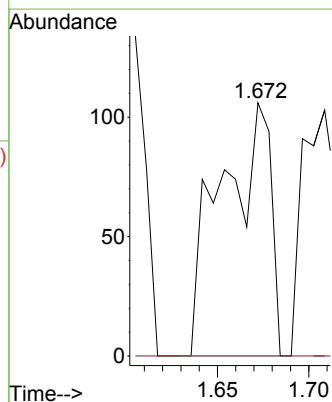
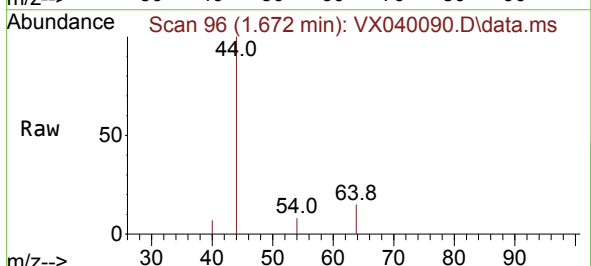
Instrument :
MSVOA_X
ClientSampleId :
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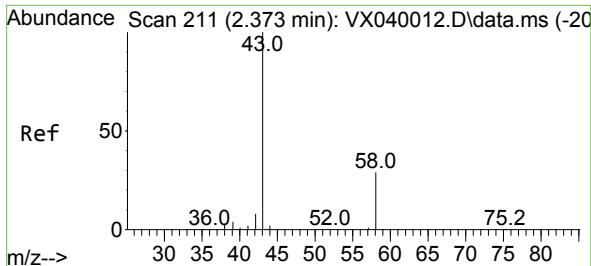
Tgt Ion:168 Resp: 80988
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#6
Chloroethane
Concen: 0.377 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

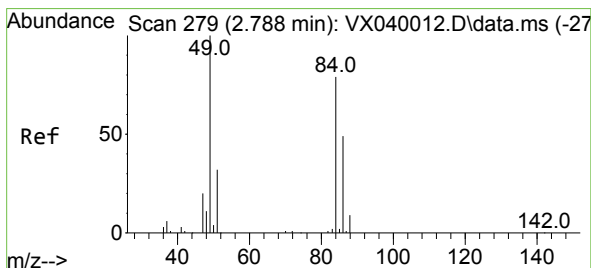
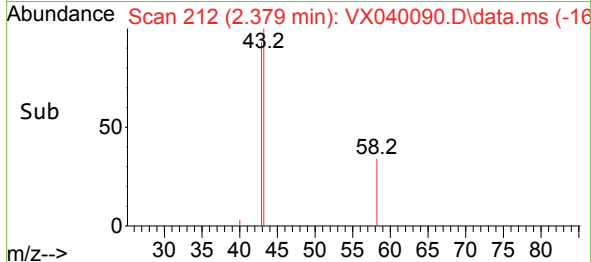
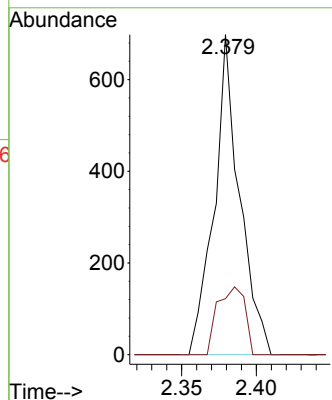
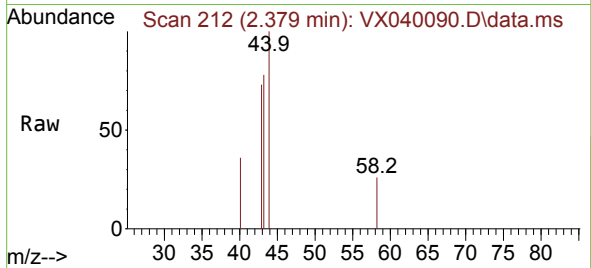




#16
Acetone
Concen: 1.346 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

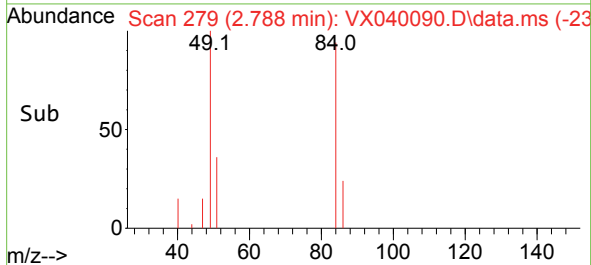
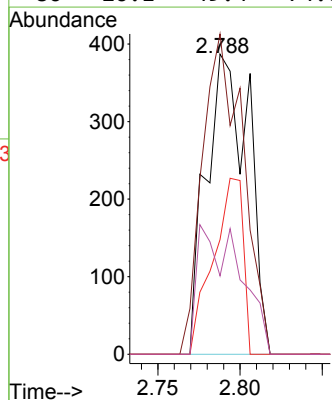
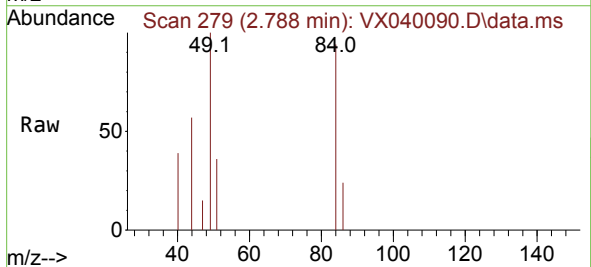
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240129

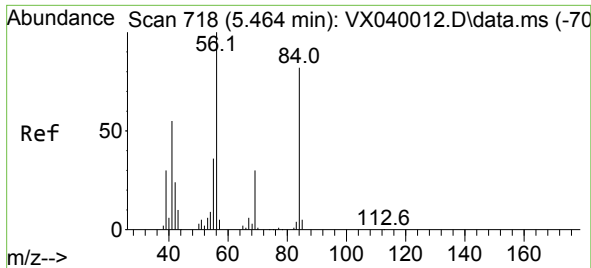
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 17.5 21.9 32.9#



#20
Methylene Chloride
Concen: 0.638 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Tgt Ion: 84 Resp: 692
Ion Ratio Lower Upper
84 100
49 106.7 103.6 155.4
51 38.2 33.8 50.6
86 26.1 49.4 74.0#

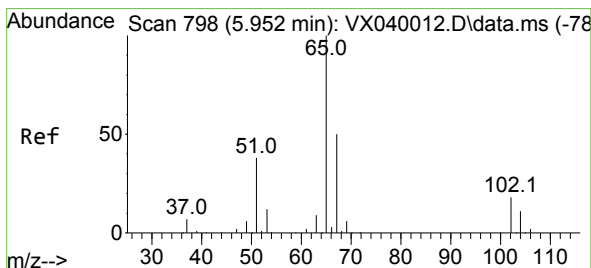
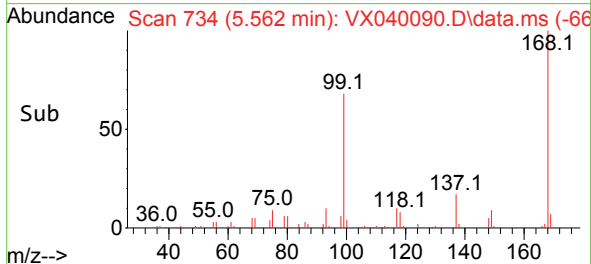
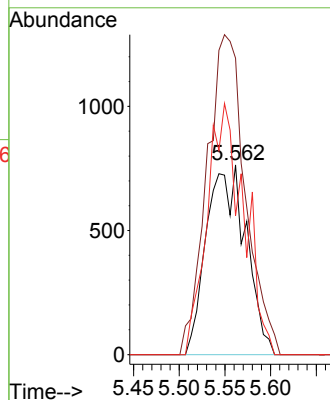
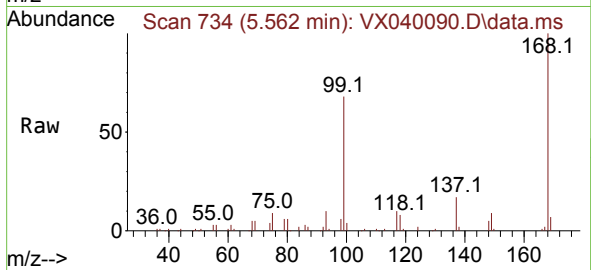




#31
Cyclohexane
Concen: 1.400 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.097 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

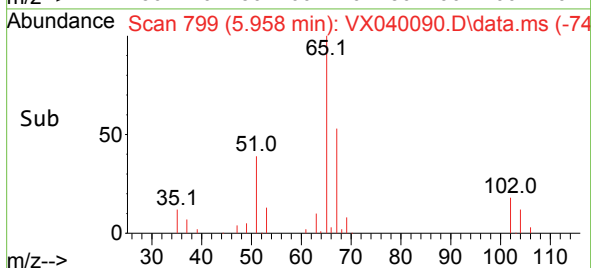
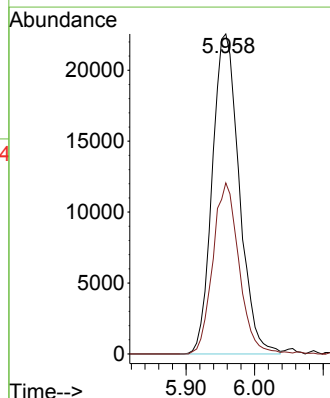
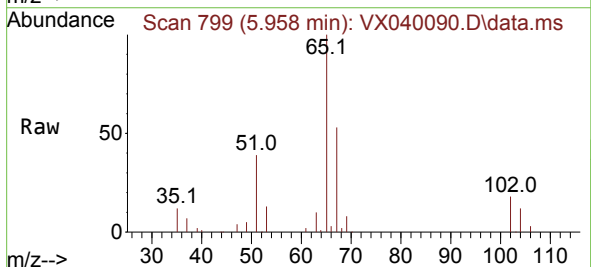
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240129

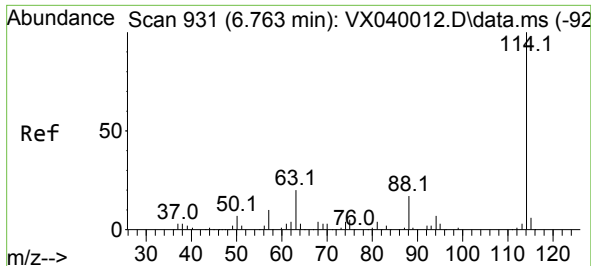
Tgt Ion: 56 Resp: 2285
Ion Ratio Lower Upper
56 100
69 156.3 23.4 35.2#
84 73.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 47.225 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Tgt Ion: 65 Resp: 61553
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

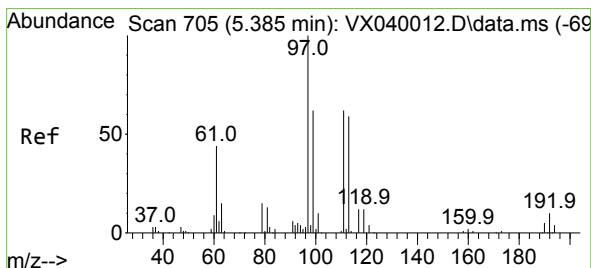
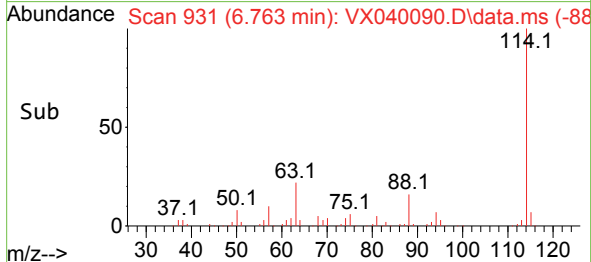
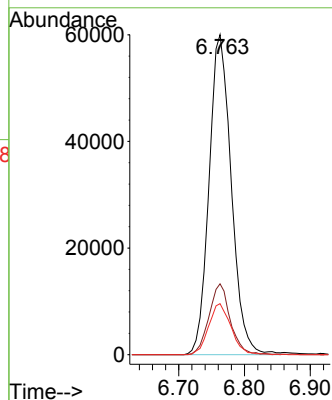
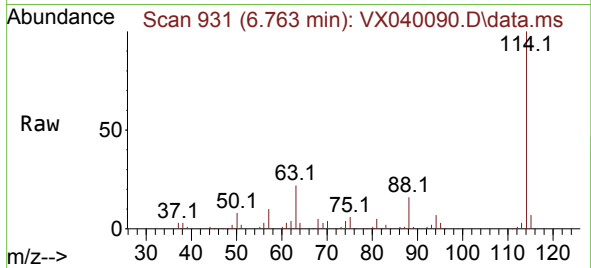




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

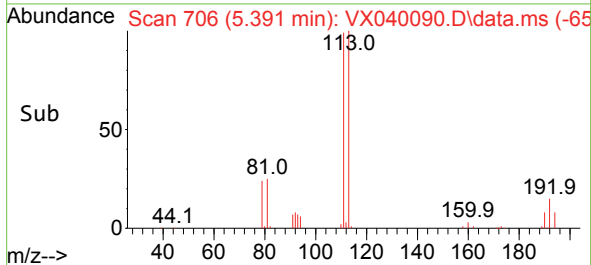
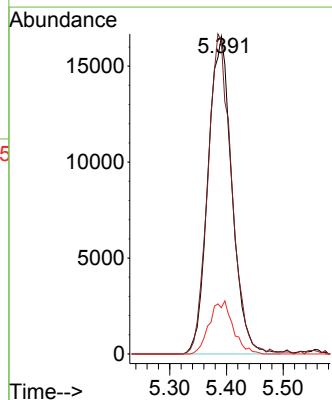
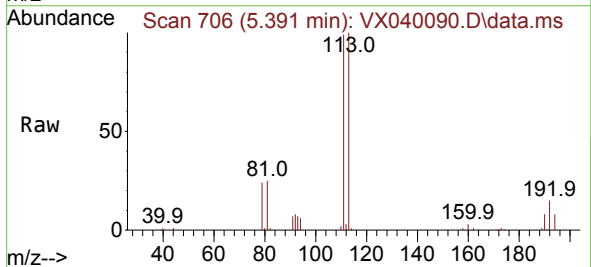
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240129

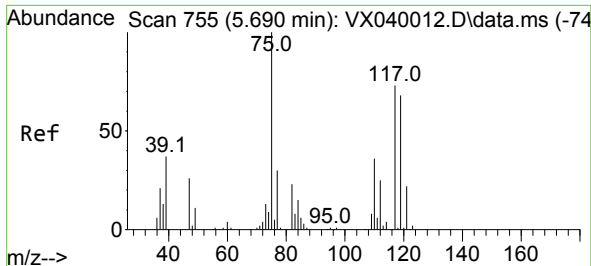
Tgt Ion:114 Resp: 141233
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 16.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.358 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

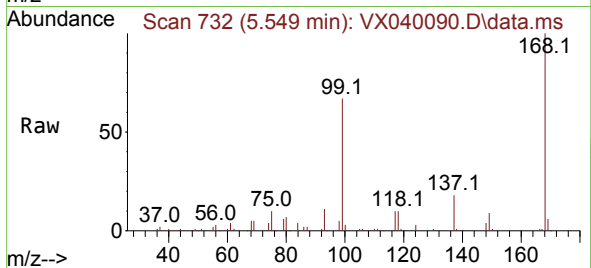
Tgt Ion:113 Resp: 48415
Ion Ratio Lower Upper
113 100
111 100.1 82.9 124.3
192 16.5 13.3 19.9



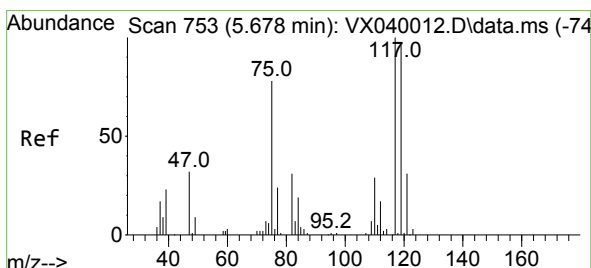
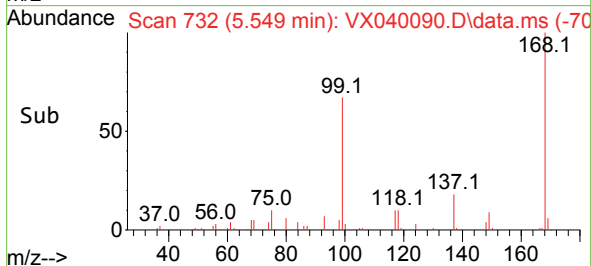
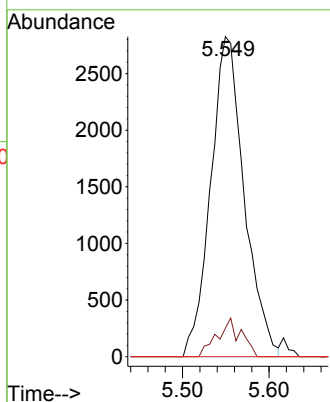


#36
1,1-Dichloropropene
Concen: 5.465 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240129

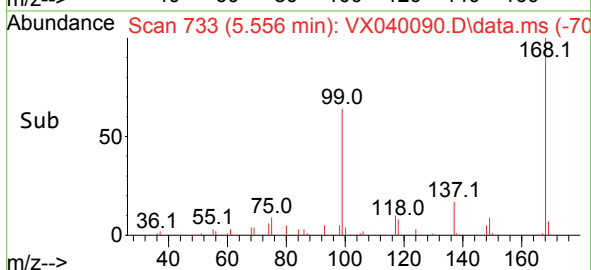
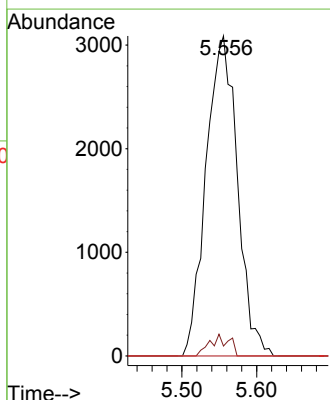
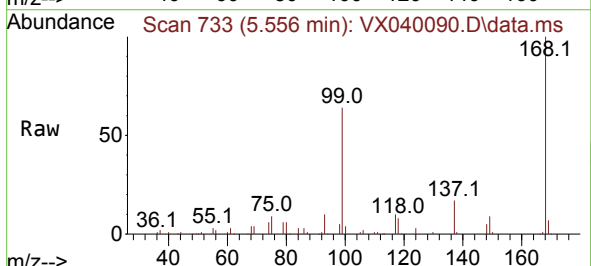


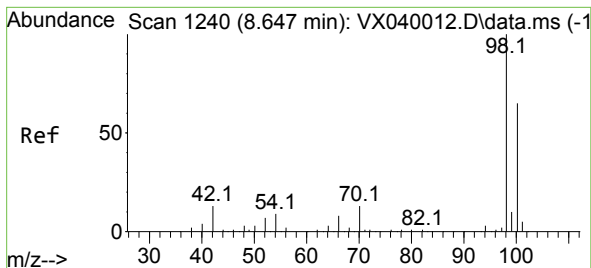
Tgt Ion: 75 Resp: 7599
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.760 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Tgt Ion: 117 Resp: 8993
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.140 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX040090.D

Acq: 02 Feb 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

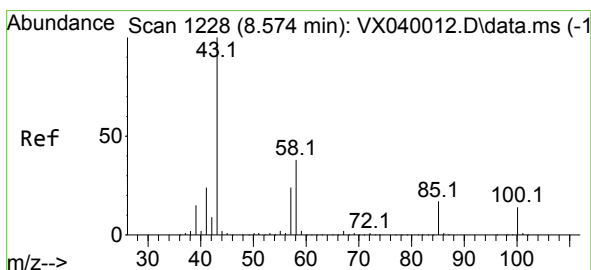
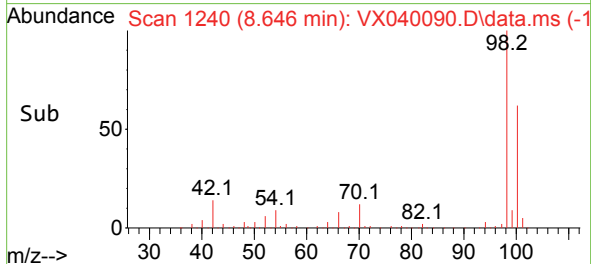
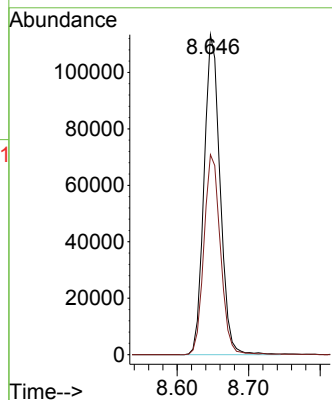
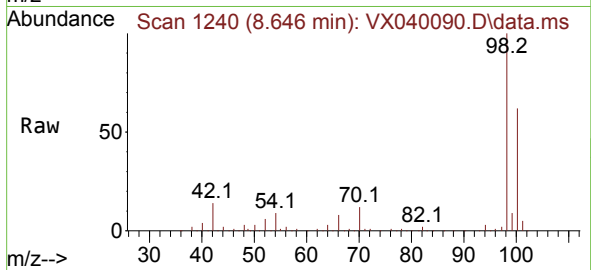
BP-VPB-195-TB-20240129

Tgt Ion: 98 Resp: 176682

Ion Ratio Lower Upper

98 100

100 64.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.619 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX040090.D

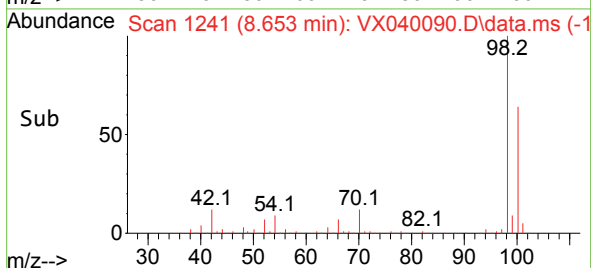
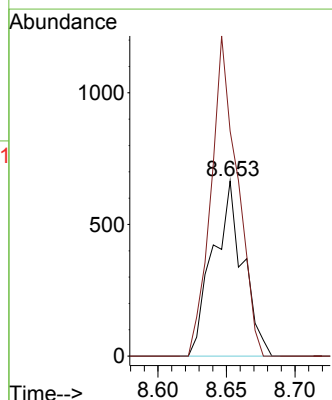
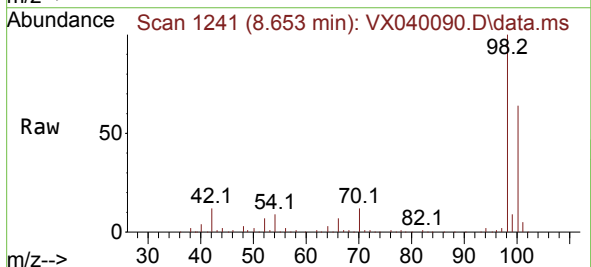
Acq: 02 Feb 2024 16:25

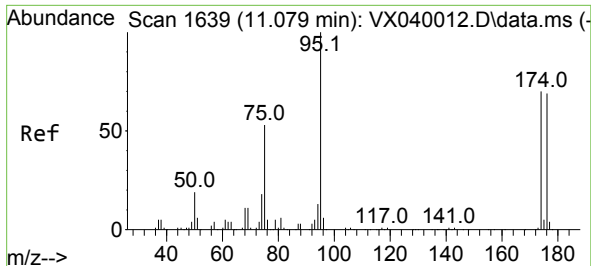
Tgt Ion: 43 Resp: 1012

Ion Ratio Lower Upper

43 100

58 160.9 30.4 45.6#

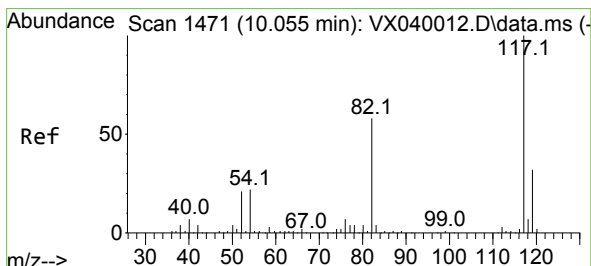
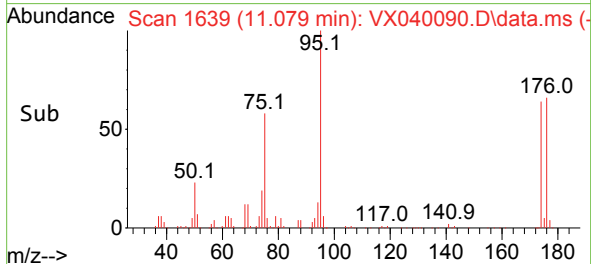
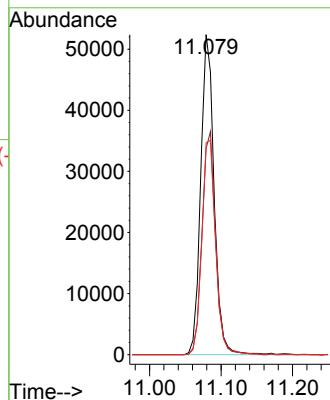
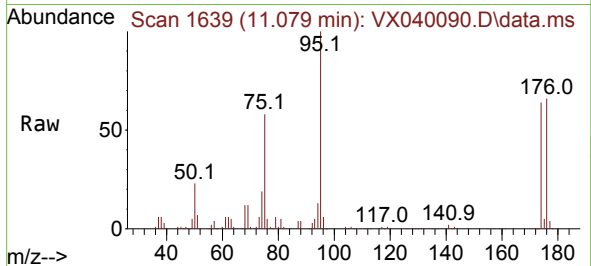




#62
4-Bromofluorobenzene
Concen: 49.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

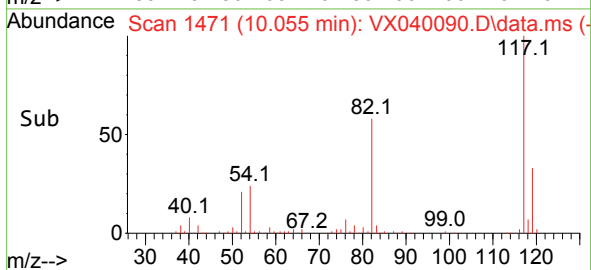
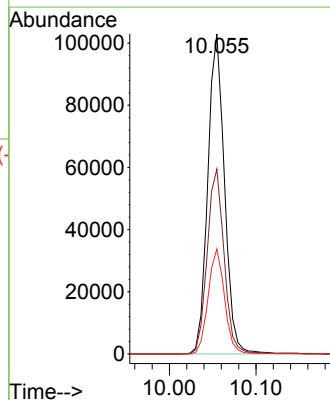
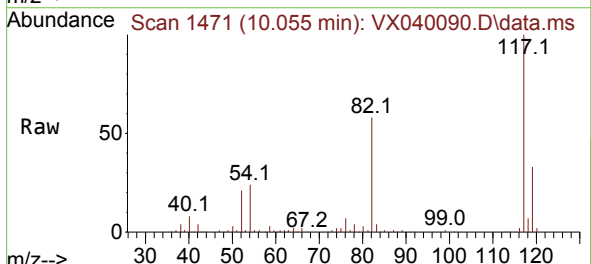
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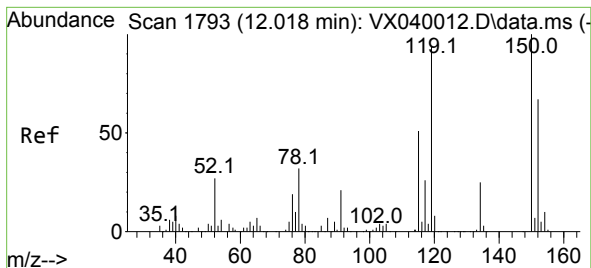
Tgt Ion: 95 Resp: 68137
Ion Ratio Lower Upper
95 100
174 70.3 0.0 135.6
176 68.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Tgt Ion: 117 Resp: 137860
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 32.8 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX040090.D

Acq: 02 Feb 2024 16:25

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240129

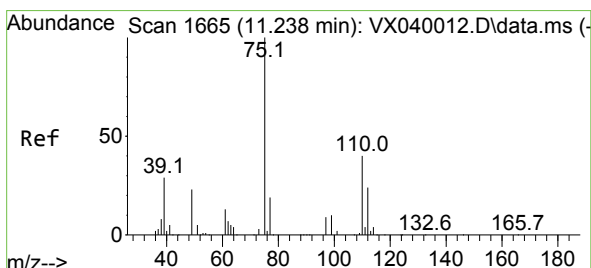
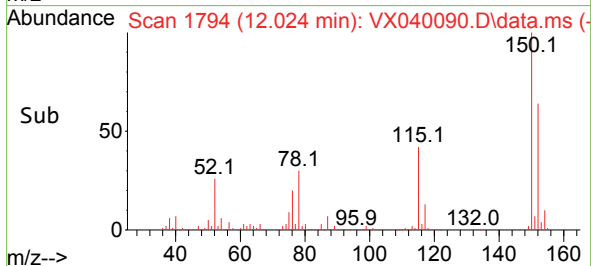
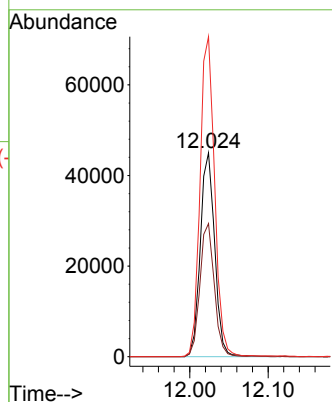
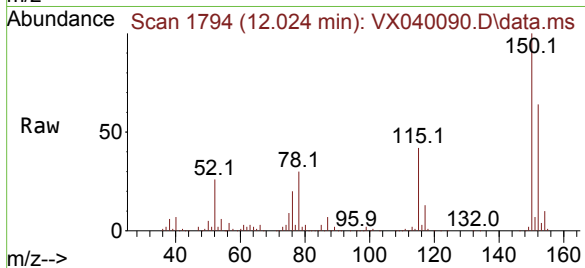
Tgt Ion:152 Resp: 57552

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 159.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 31.290 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040090.D

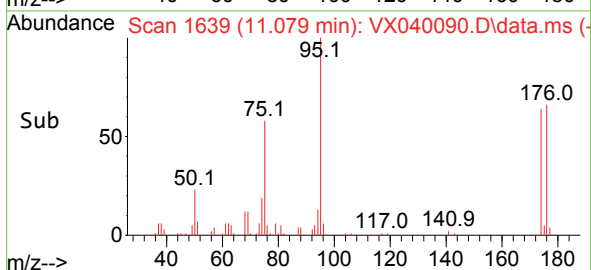
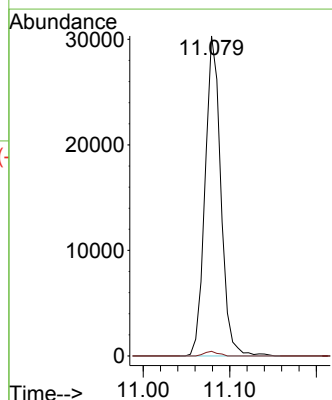
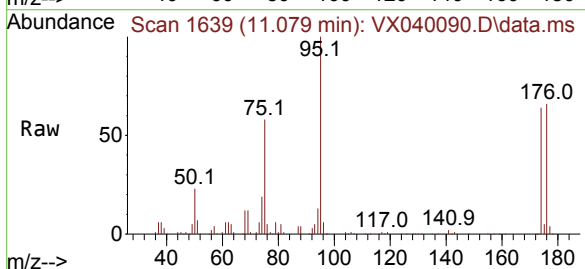
Acq: 02 Feb 2024 16:25

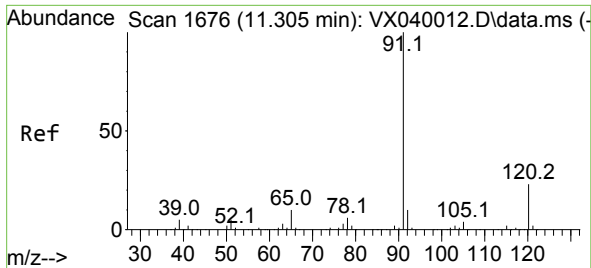
Tgt Ion: 75 Resp: 38348

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

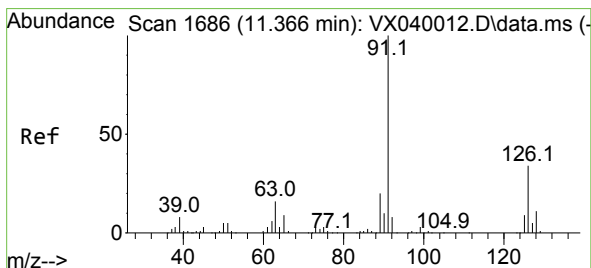
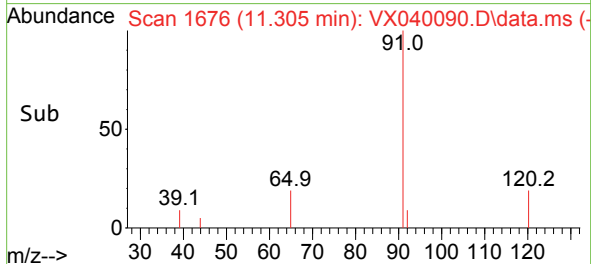
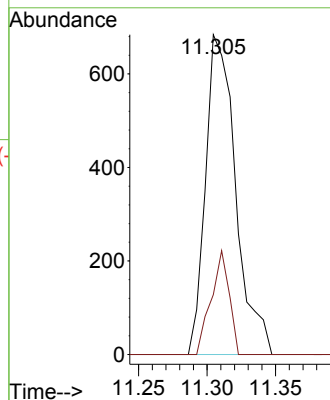
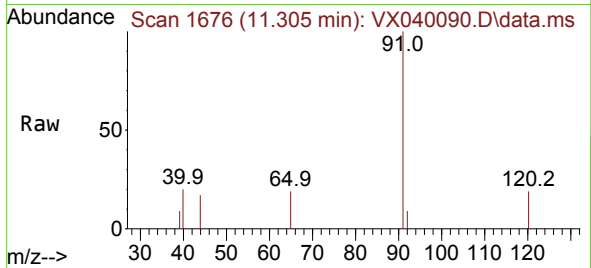




#78
n-propylbenzene
Concen: 0.205 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

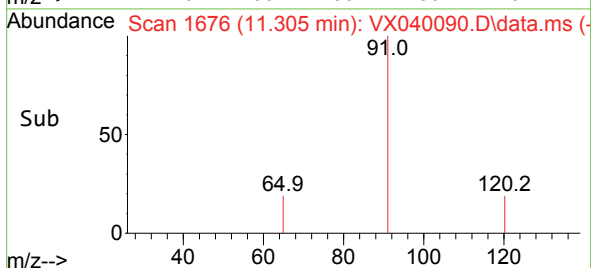
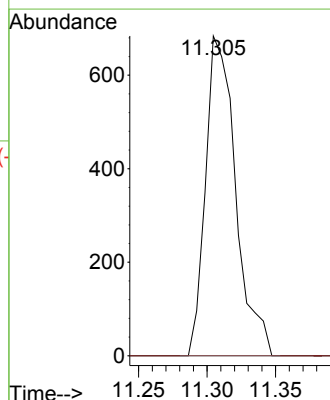
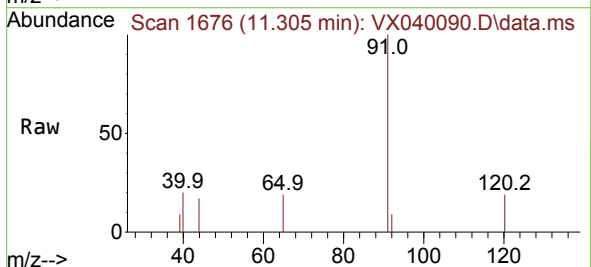
Instrument : MSVOA_X
ClientSampleId : BP-VPB-195-TB-20240129

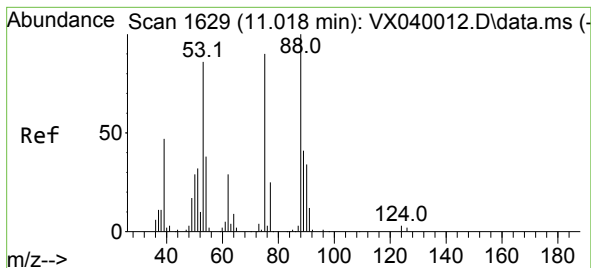
Tgt Ion: 91 Resp: 1045
Ion Ratio Lower Upper
91 100
120 19.3 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.341 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.061 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Tgt Ion: 91 Resp: 1045
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#

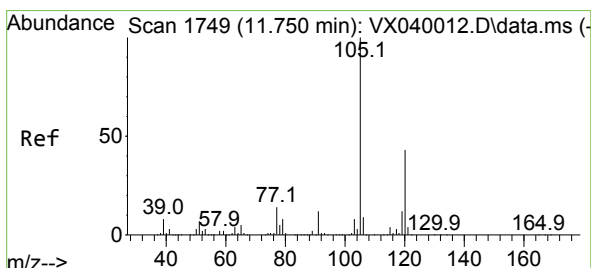
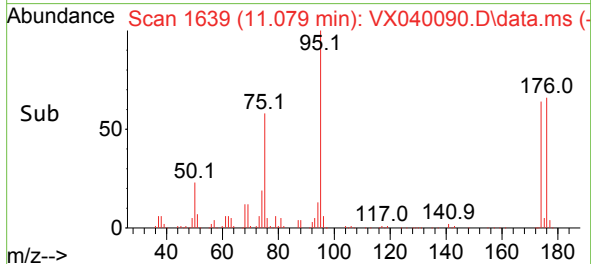
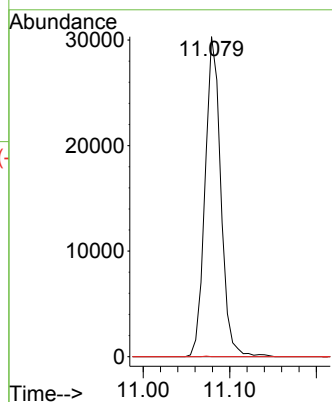
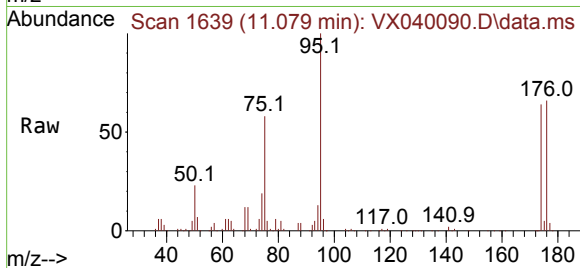




#81
trans-1,4-Dichloro-2-butene
Concen: 89.029 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

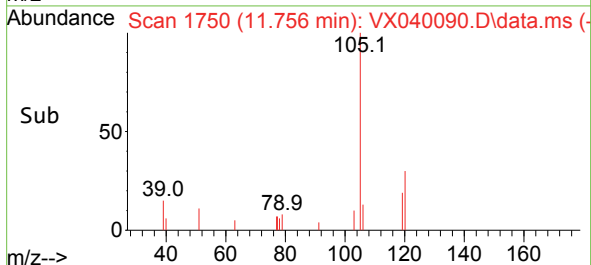
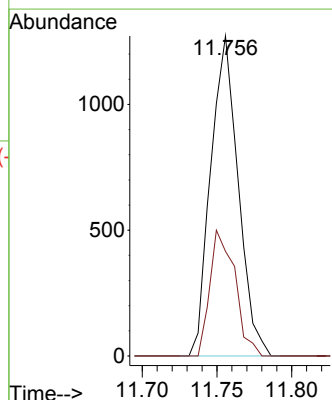
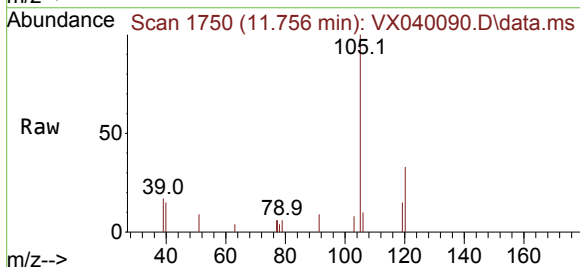
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240129

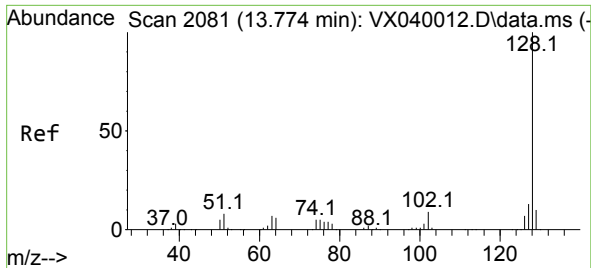
Tgt Ion: 75 Resp: 38348
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.459 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

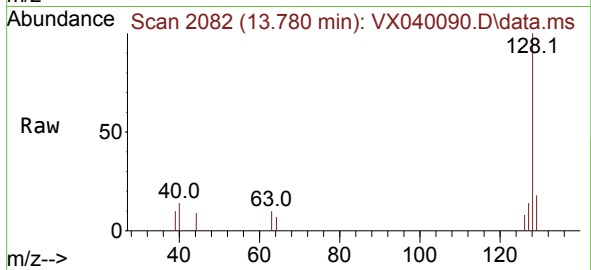
Tgt Ion: 105 Resp: 1628
Ion Ratio Lower Upper
105 100
120 35.7 21.2 63.6





#95
Naphthalene
Concen: 0.322 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX040090.D
Acq: 02 Feb 2024 16:25

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240129



Tgt Ion:	128	Resp:	1269
Ion	Ratio	Lower	Upper
128	100		
127	7.9	10.3	15.5#
129	10.5	8.8	13.2

