

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020224\
 Data File : VX040091.D
 Acq On : 02 Feb 2024 16:48
 Operator : JC/MD
 Sample : P1344-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-TB-20240130

Quant Time: Feb 03 02:18:52 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)

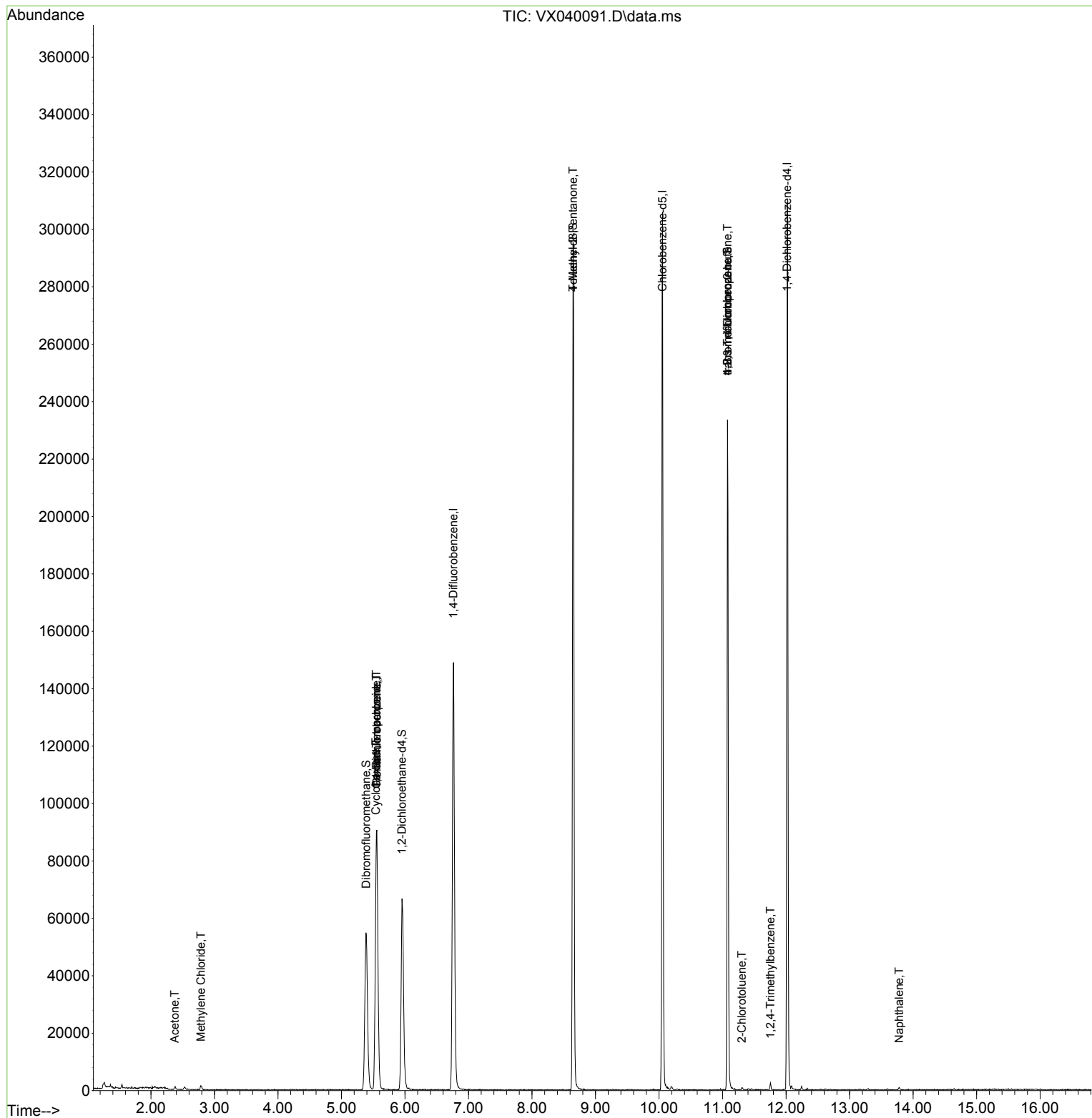
Internal Standards						
1) Pentafluorobenzene	5.556	168	79821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145995	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	61369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62426	48.595	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.180%
35) Dibromofluoromethane	5.385	113	48167	48.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	8.647	98	170952	45.996	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.000%
62) 4-Bromofluorobenzene	11.079	95	64728	45.229	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.460%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	970	1.612	ug/l #	79
20) Methylene Chloride	2.788	84	680	0.636	ug/l #	83
31) Cyclohexane	5.544	56	2237	1.390	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	7201	5.010	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9125	6.635	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	811	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34937	26.733	ug/l #	39
79) 2-Chlorotoluene	11.305	91	752	0.230	ug/l #	42
81) trans-1,4-Dichloro-2-b...	11.079	75	34937	78.180	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.756	105	1427	0.378	ug/l	95
95) Naphthalene	13.780	128	1084	0.258	ug/l #	76

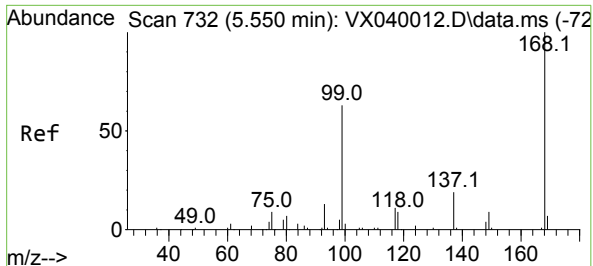
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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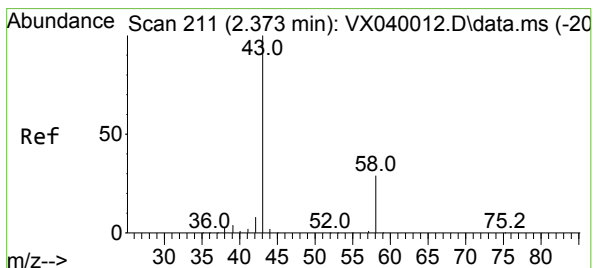
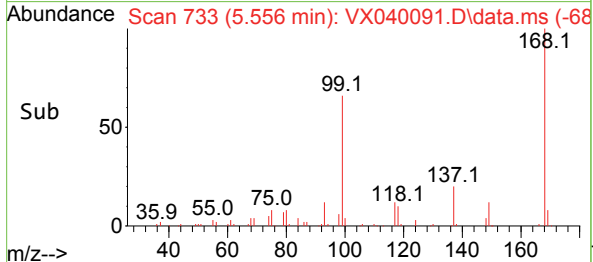
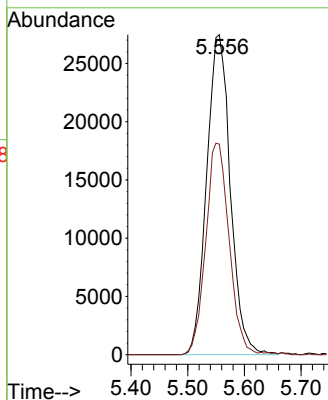
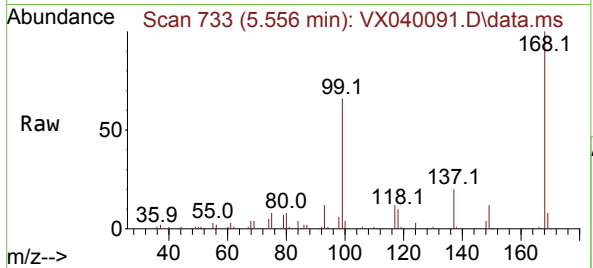




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

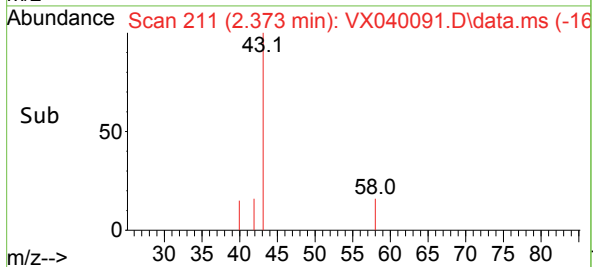
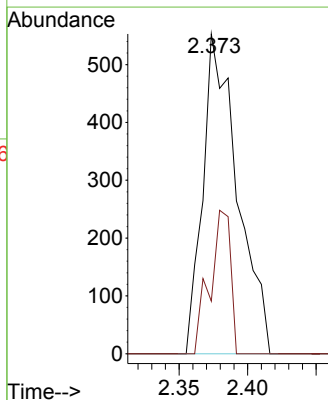
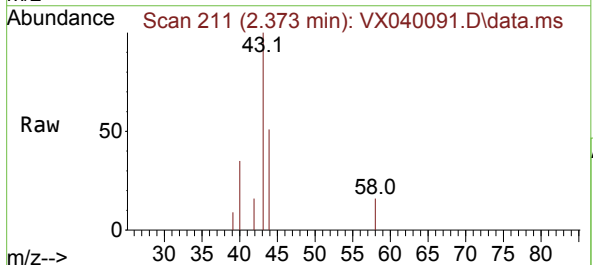
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130

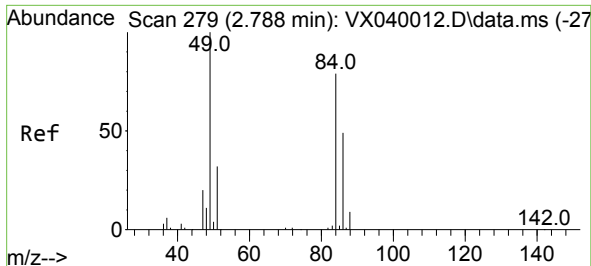
Tgt Ion:168 Resp: 79821
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#16
Acetone
Concen: 1.612 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

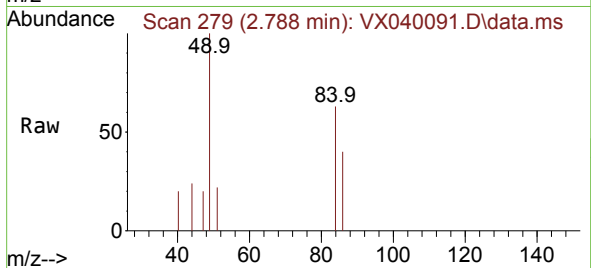
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 16.5 21.9 32.9#





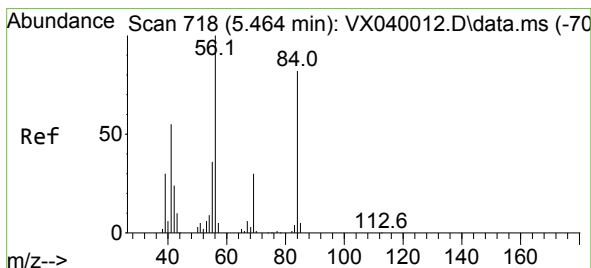
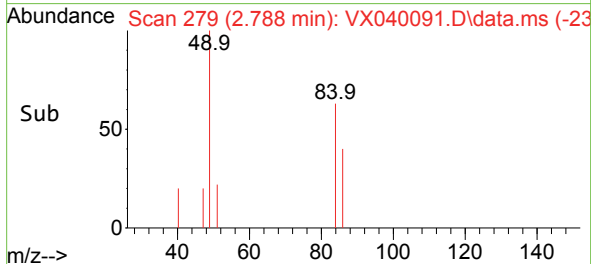
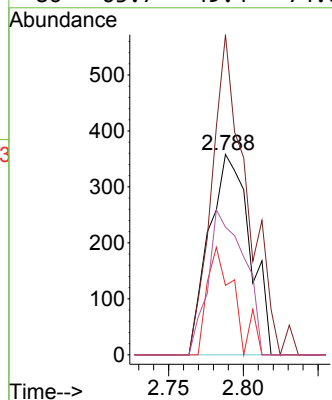
#20
Methylene Chloride
Concen: 0.636 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130



Tgt Ion: 84 Resp: 680

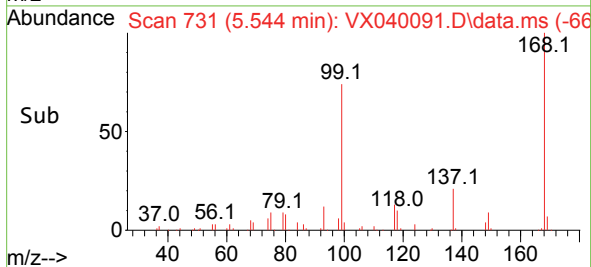
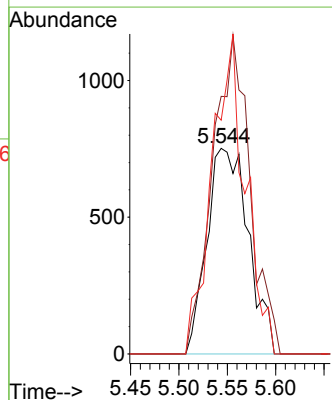
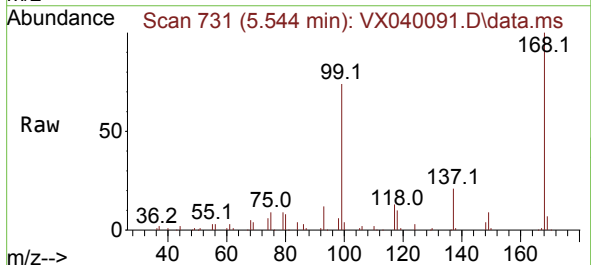
Ion	Ratio	Lower	Upper
84	100		
49	159.8	103.6	155.4#
51	34.6	33.8	50.6
86	63.7	49.4	74.0

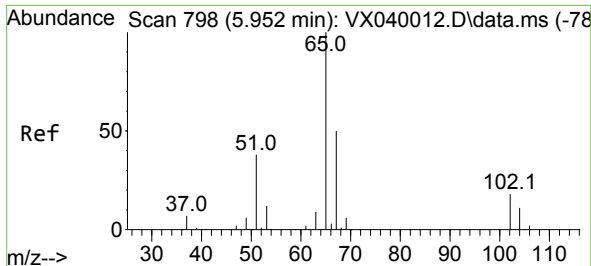


#31
Cyclohexane
Concen: 1.390 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 56 Resp: 2237

Ion	Ratio	Lower	Upper
56	100		
69	125.3	23.4	35.2#
84	113.7	65.9	98.9#

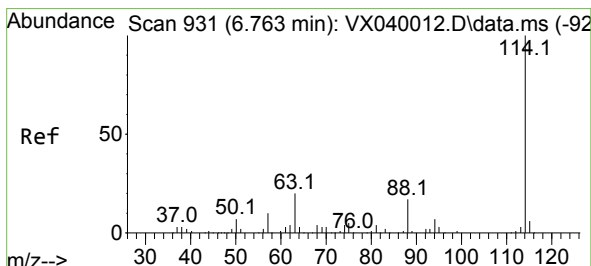
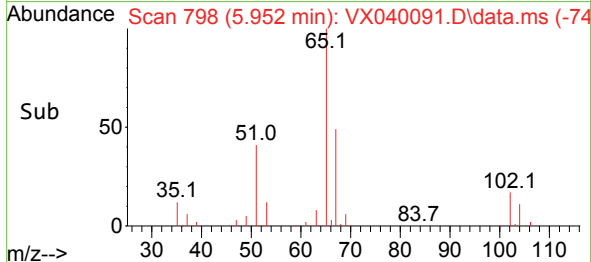
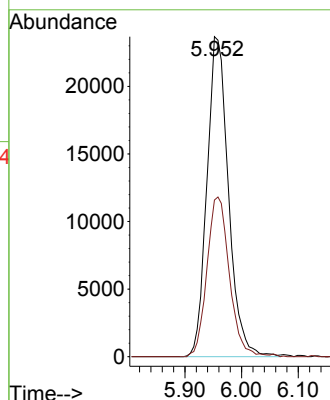
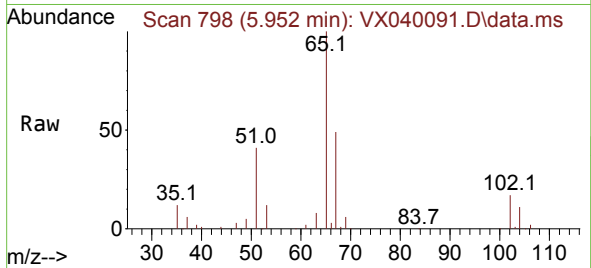




#33
1,2-Dichloroethane-d4
Concen: 48.595 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

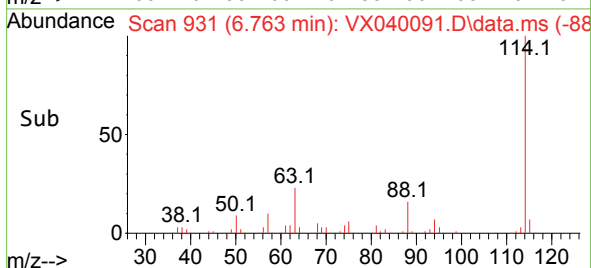
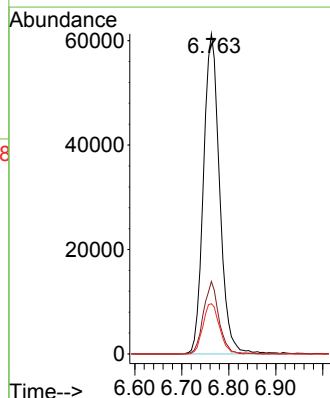
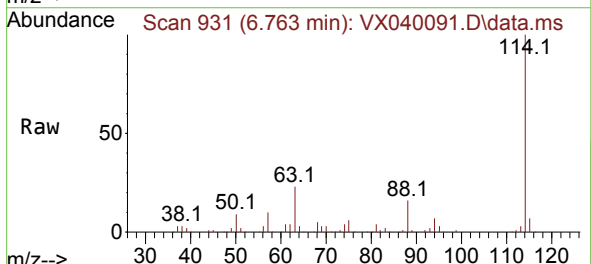
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130

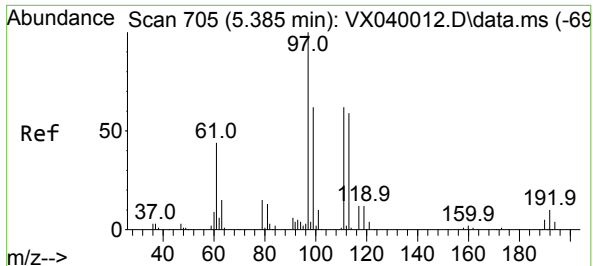
Tgt Ion: 65 Resp: 62426
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 114 Resp: 145995
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 15.7 0.0 36.6

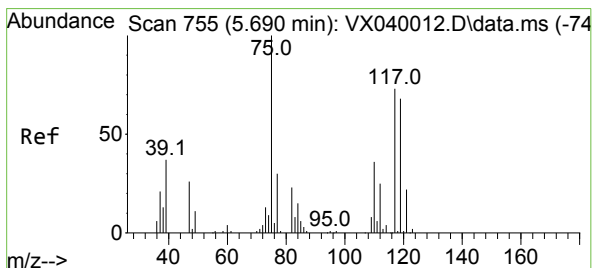
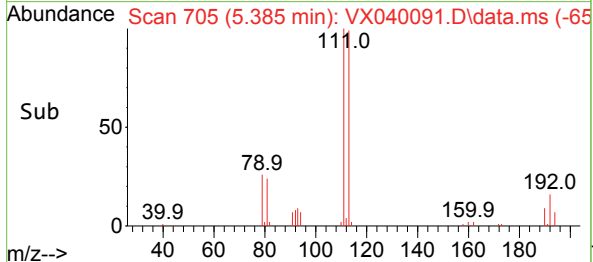
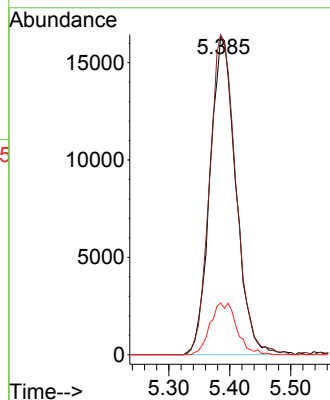
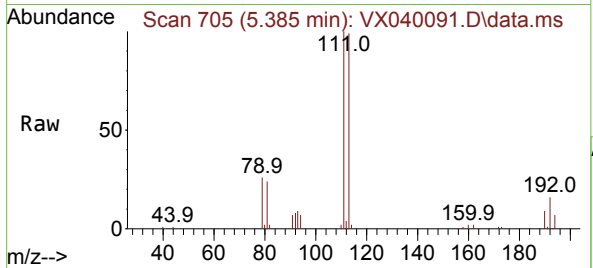




#35
Dibromofluoromethane
Concen: 48.466 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

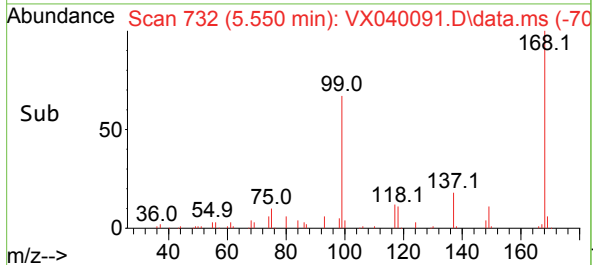
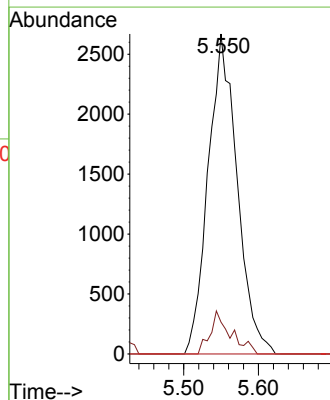
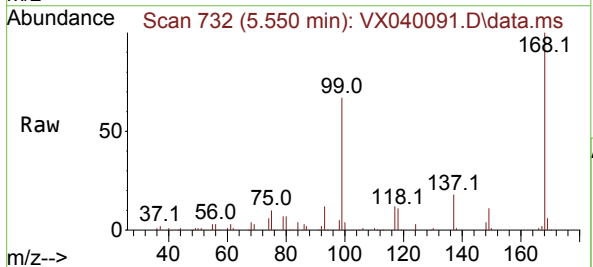
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130

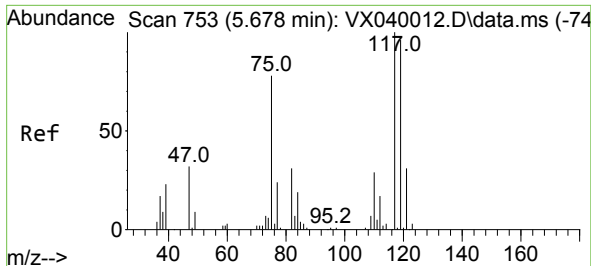
Tgt Ion:113 Resp: 48167
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

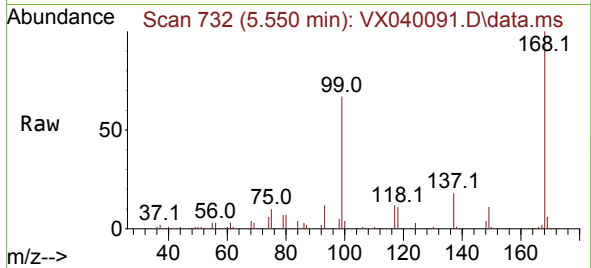
Tgt Ion: 75 Resp: 7201
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



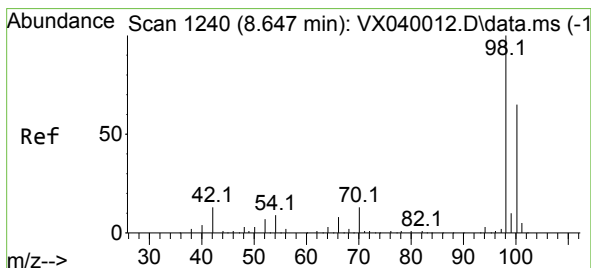
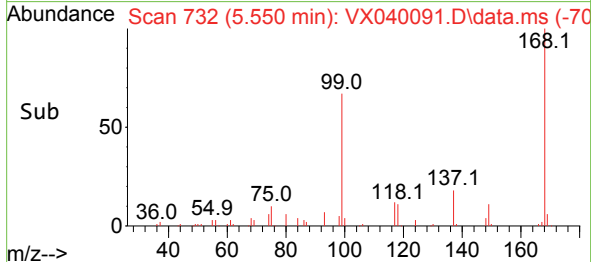
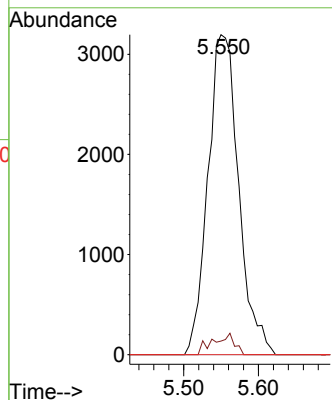


#38
Carbon Tetrachloride
Concen: 6.635 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130

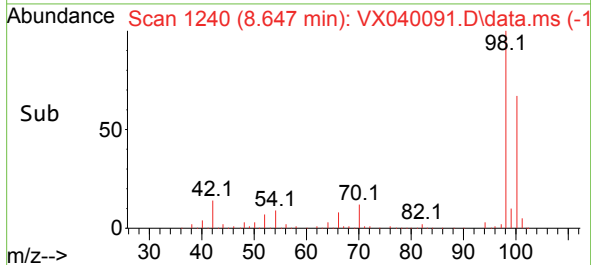
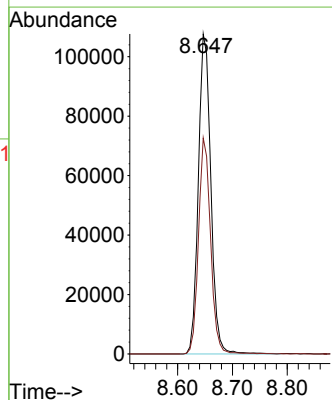
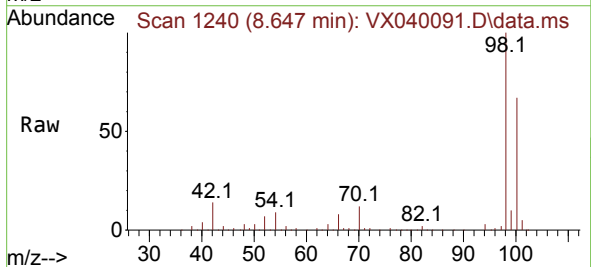


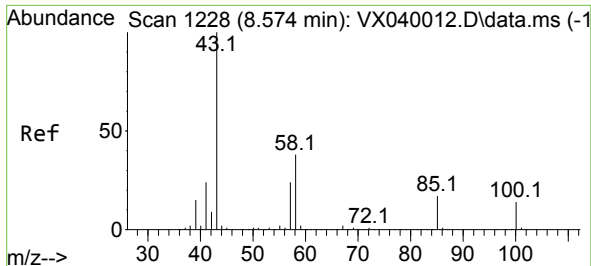
Tgt Ion:117 Resp: 9125
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.996 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 98 Resp: 170952
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7

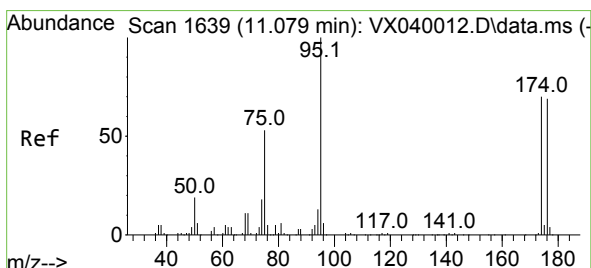
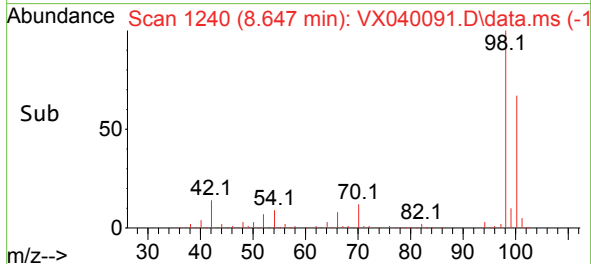
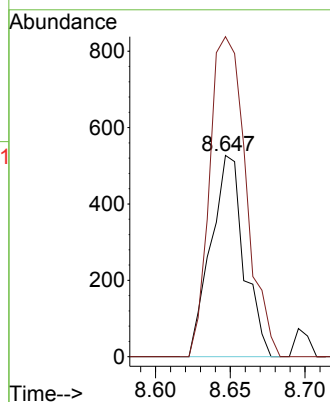
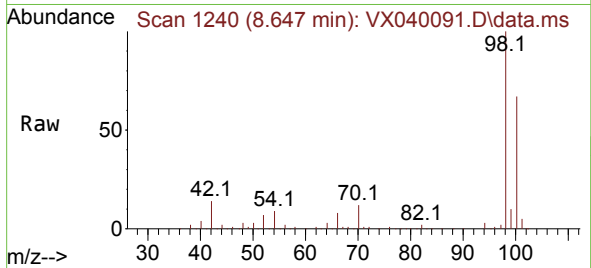




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

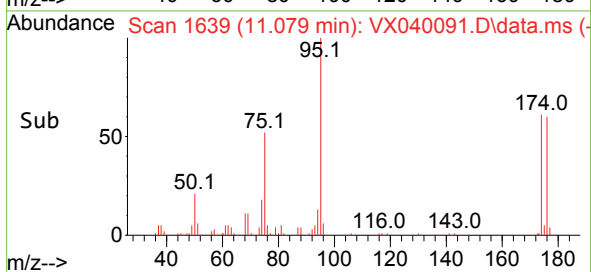
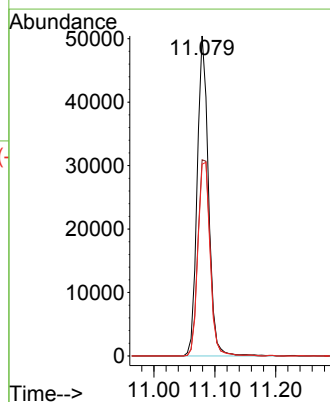
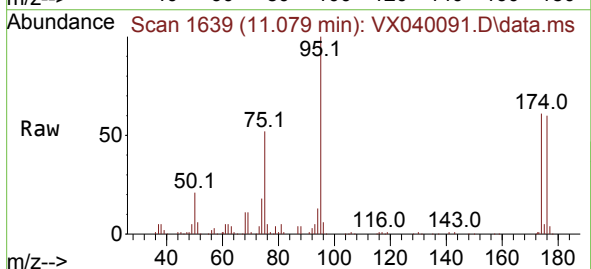
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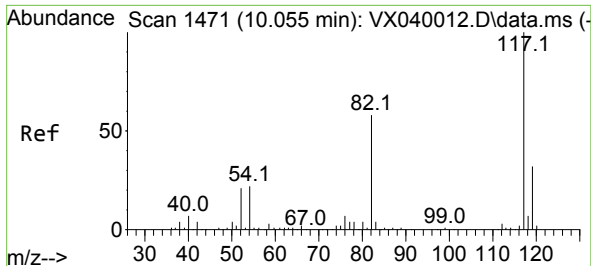
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
58 175.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion: 95 Resp: 64728
Ion Ratio Lower Upper
95 100
174 67.2 0.0 135.6
176 65.2 0.0 131.0

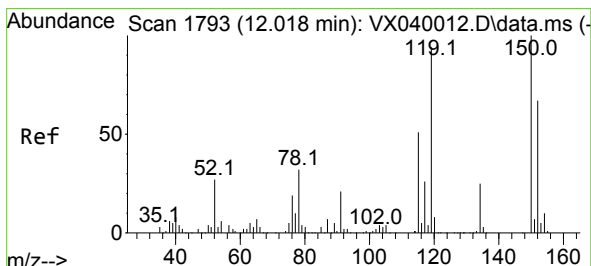
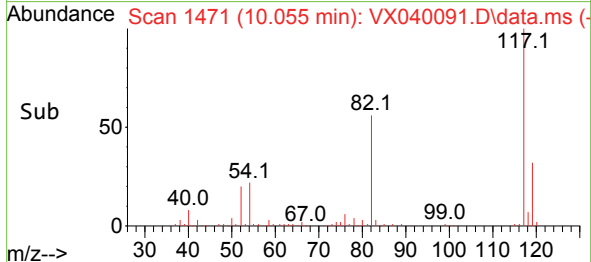
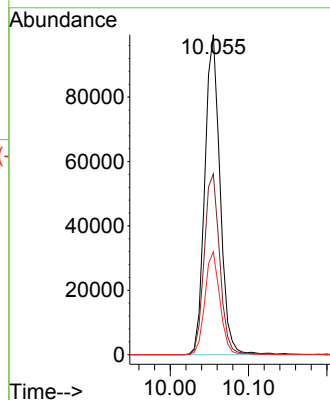
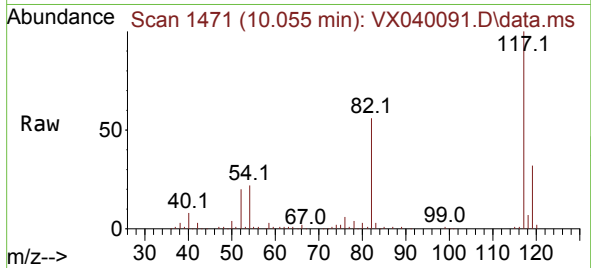




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

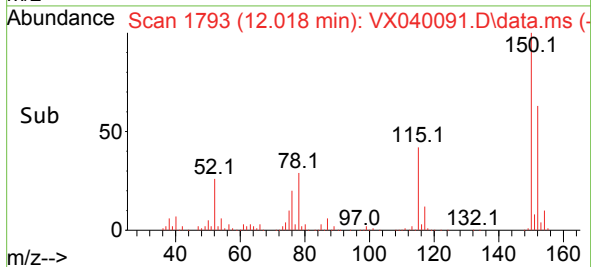
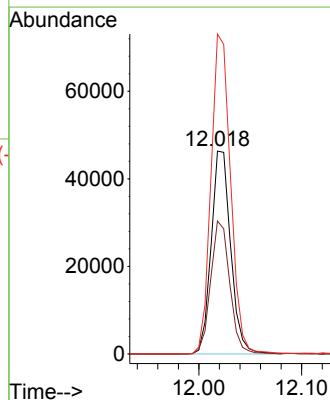
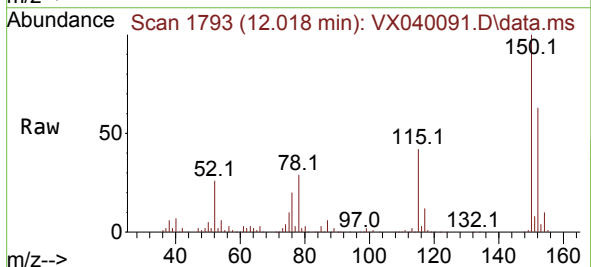
Instrument :
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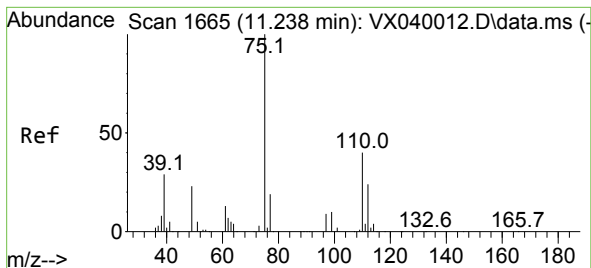
Tgt Ion:117 Resp: 133955
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Tgt Ion:152 Resp: 61369
Ion Ratio Lower Upper
152 100
115 64.0 43.3 129.9
150 158.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.733 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX040091.D

Acq: 02 Feb 2024 16:48

Instrument :

MSVOA_X

ClientSampleId :

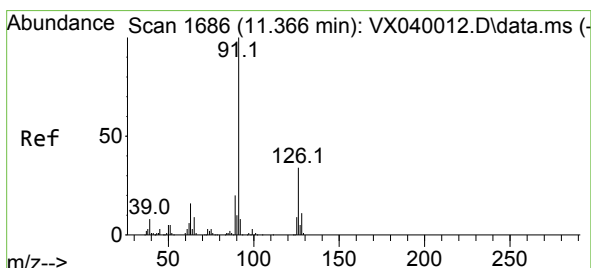
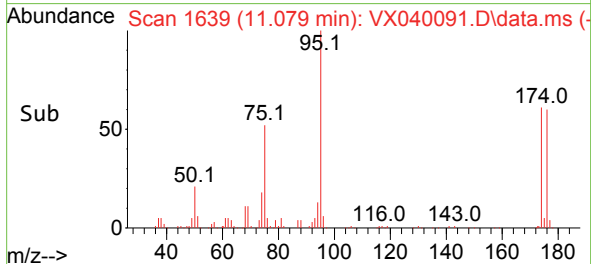
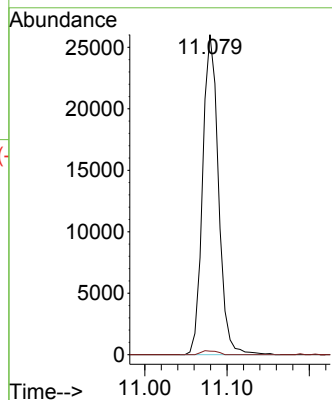
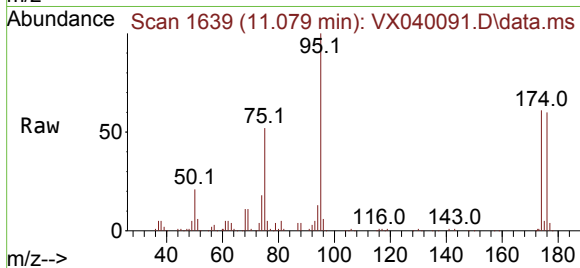
BP-VPB-191-TB-20240130

Tgt Ion: 75 Resp: 34937

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#79

2-Chlorotoluene

Concen: 0.230 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.061 min

Lab File: VX040091.D

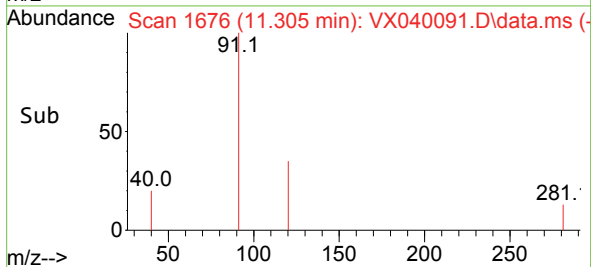
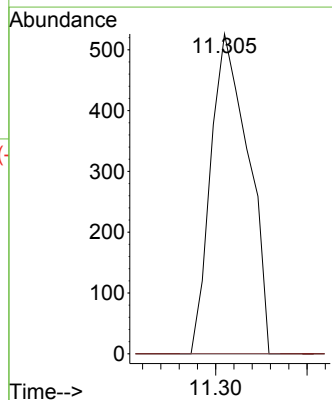
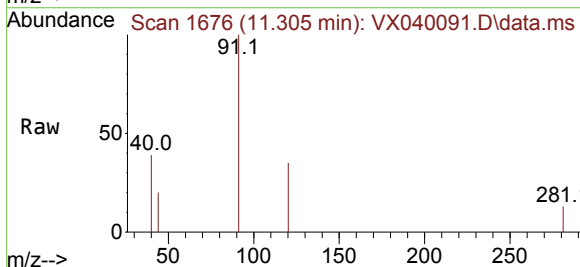
Acq: 02 Feb 2024 16:48

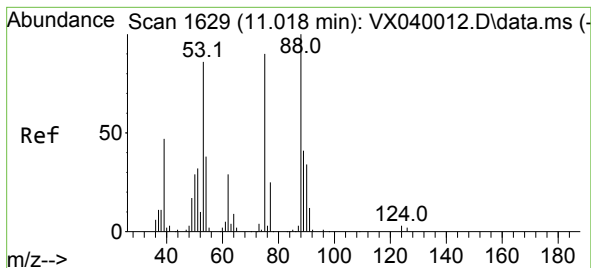
Tgt Ion: 91 Resp: 752

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.8#

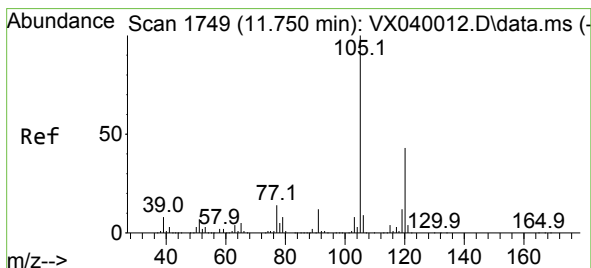
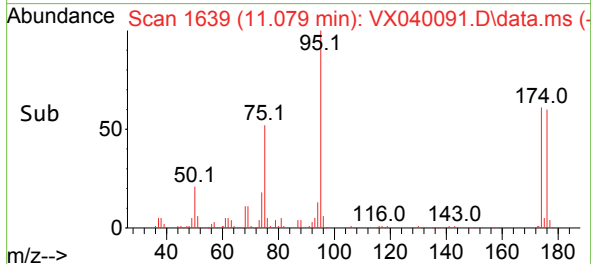
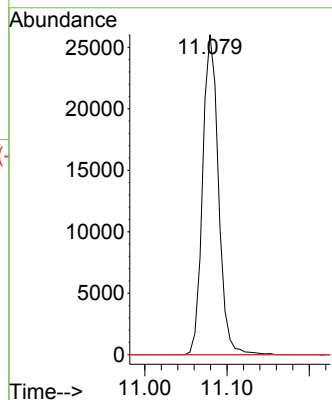
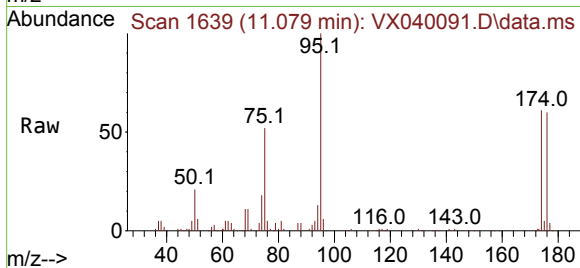




#81
trans-1,4-Dichloro-2-butene
Concen: 78.180 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

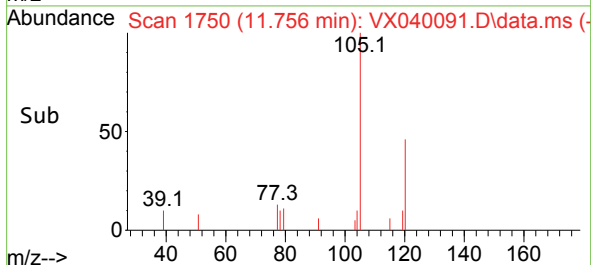
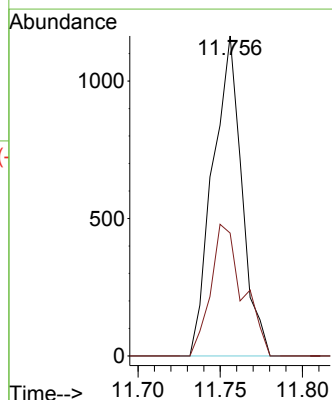
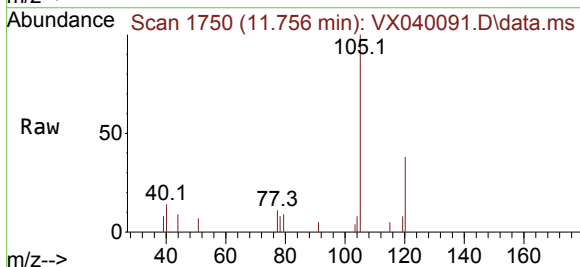
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130

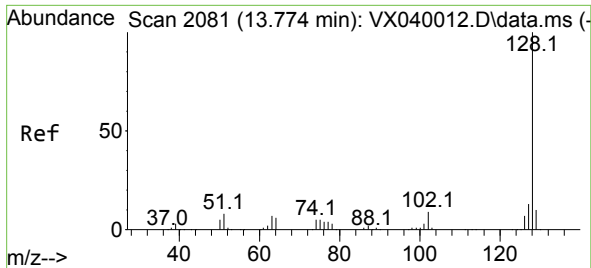
Tgt Ion: 75 Resp: 34937
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 0.378 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

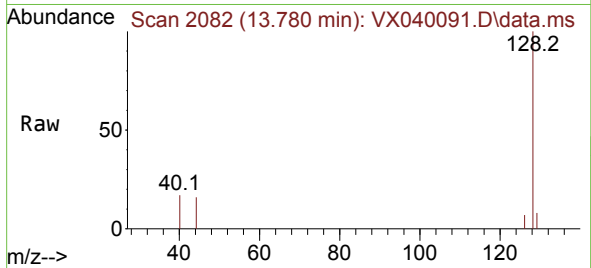
Tgt Ion: 105 Resp: 1427
Ion Ratio Lower Upper
105 100
120 45.6 21.2 63.6





#95
Naphthalene
Concen: 0.258 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX040091.D
Acq: 02 Feb 2024 16:48

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-TB-20240130



Tgt Ion:128 Resp: 1084
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.5 8.8 13.2#

