

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062524\
 Data File : VX042034.D
 Acq On : 25 Jun 2024 15:57
 Operator : JC/MD
 Sample : P3056-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-196-TB-20240620

Quant Time: Jun 26 05:40:06 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)

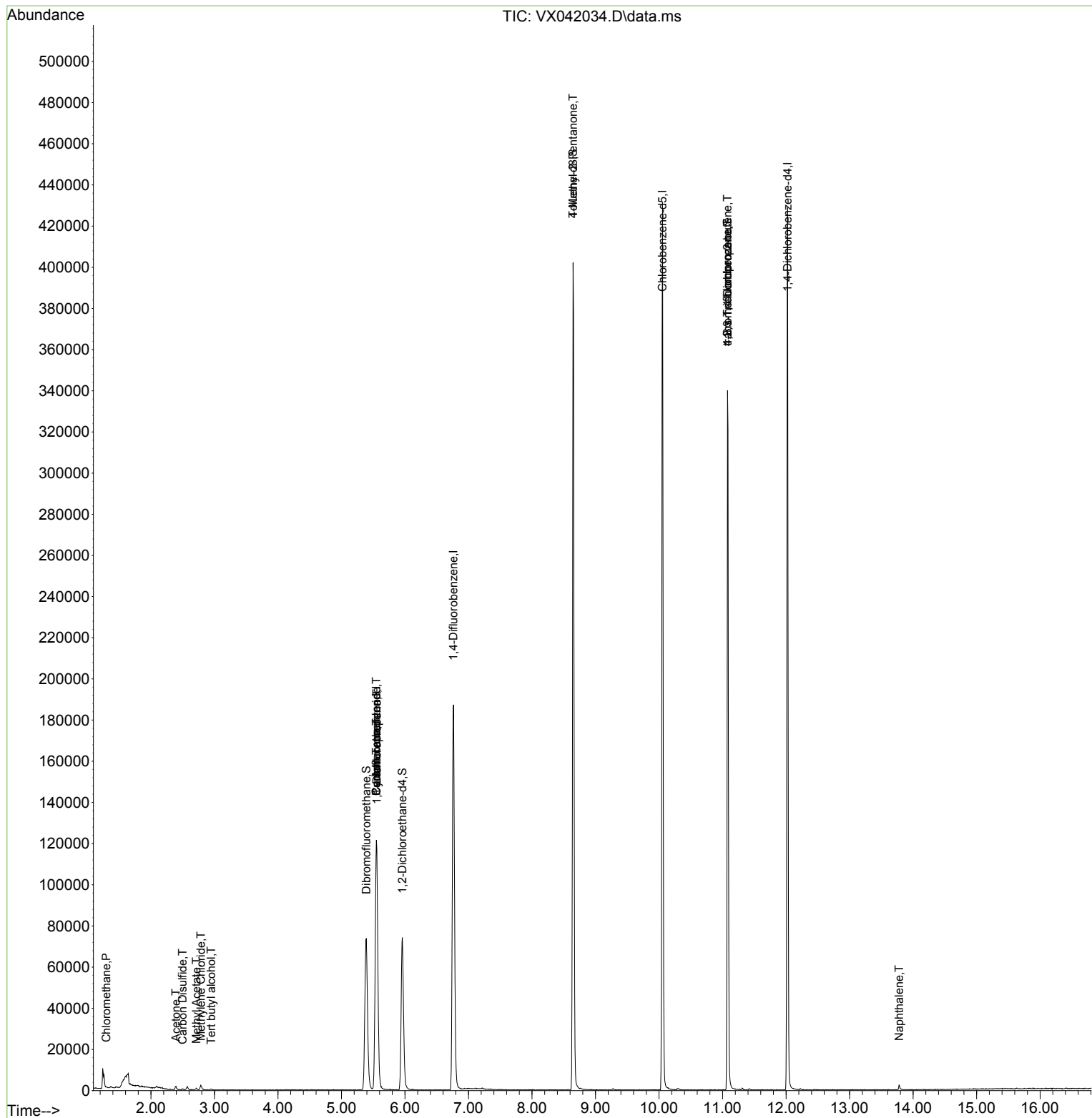
Internal Standards						
1) Pentafluorobenzene	5.549	168	136171	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	209699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69581	44.313	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.620%
35) Dibromofluoromethane	5.391	113	66216	44.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.000%
50) Toluene-d8	8.646	98	245350	46.937	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.880%
62) 4-Bromofluorobenzene	11.079	95	92076	47.786	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	359	0.276	ug/l	97
6) Chloroethane	1.660	64	368	Below Cal	#	43
11) Tert butyl alcohol	2.946	59	203	0.681	ug/l	# 78
16) Acetone	2.392	43	1911	2.772	ug/l	# 79
17) Carbon Disulfide	2.495	76	597	0.249	ug/l	# 76
18) Methyl Acetate	2.715	43	1016	0.540	ug/l	91
20) Methylene Chloride	2.788	84	1215	0.805	ug/l	# 83
31) Cyclohexane	5.549	56	1953	1.064	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	8079	5.113	ug/l	# 50
38) Carbon Tetrachloride	5.549	117	11394	6.527	ug/l	# 17
51) 4-Methyl-2-Pentanone	8.646	43	885	0.407	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	41803	22.288	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	41803	63.297	ug/l	# 5
95) Naphthalene	13.780	128	2201	1.041	ug/l	98

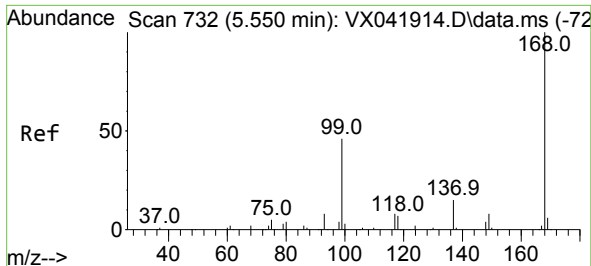
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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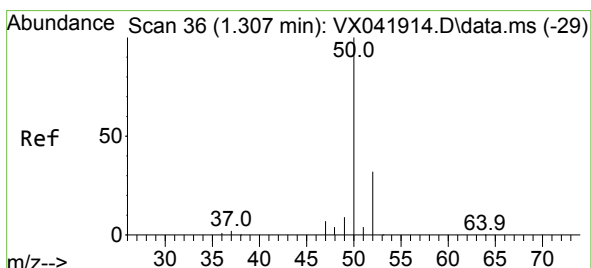
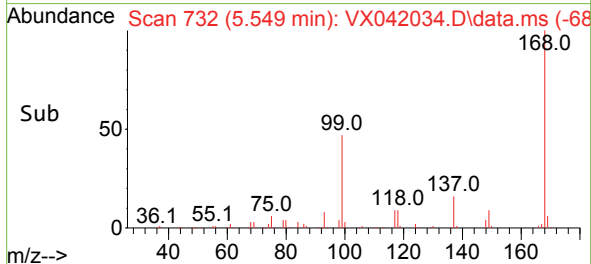
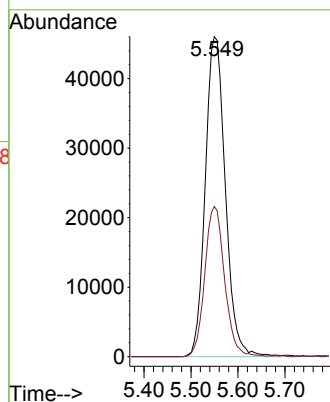
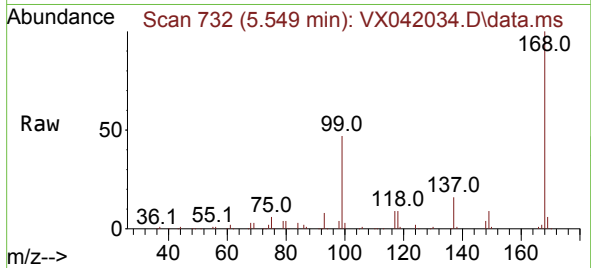




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

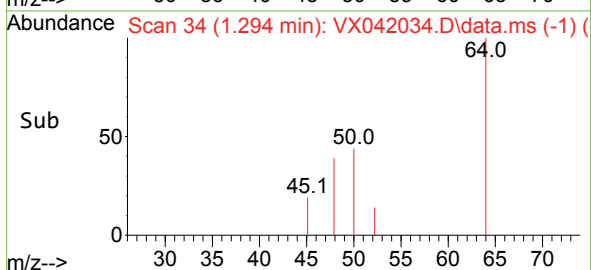
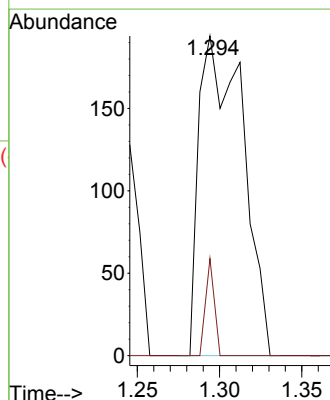
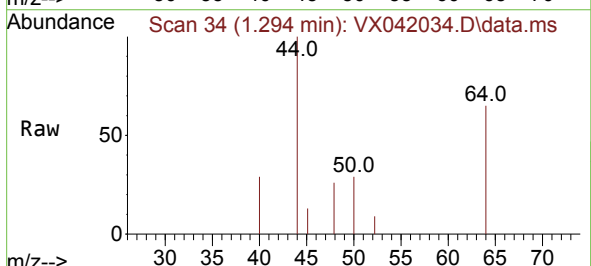
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240620

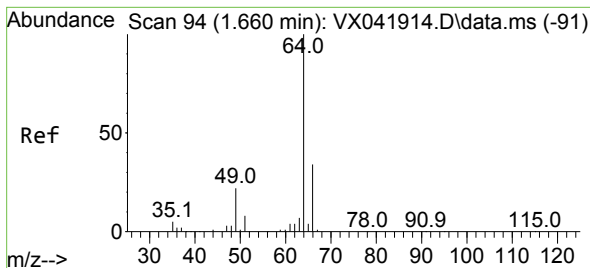
Tgt Ion:168 Resp: 136171
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#3
Chloromethane
Concen: 0.276 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.012 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion: 50 Resp: 359
Ion Ratio Lower Upper
50 100
52 30.4 25.5 38.3





#6

Chloroethane

Concen: Below Cal

RT: 1.660 min Scan# 94

Delta R.T. -0.000 min

Lab File: VX042034.D

Acq: 25 Jun 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

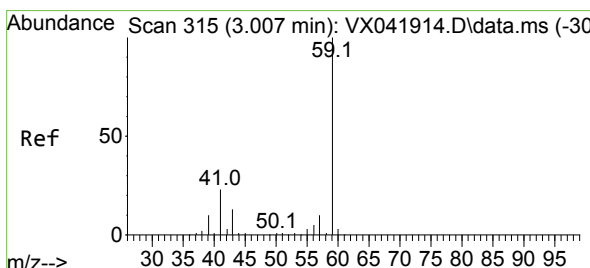
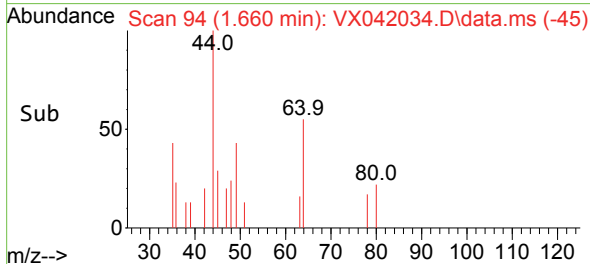
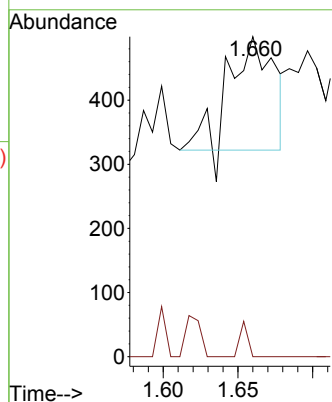
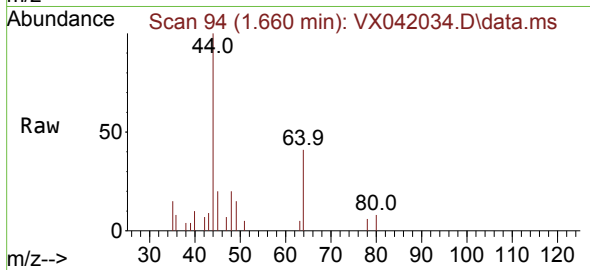
BP-VPB-196-TB-20240620

Tgt Ion: 64 Resp: 368

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.681 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX042034.D

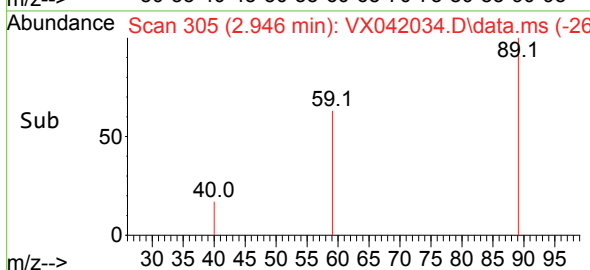
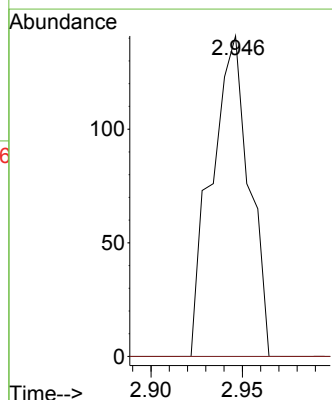
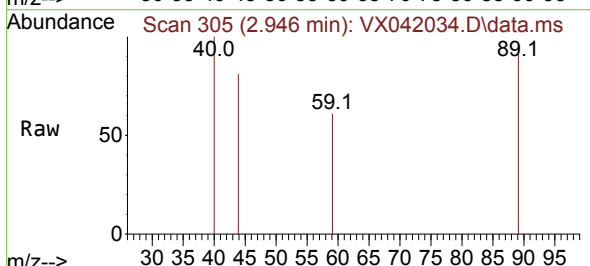
Acq: 25 Jun 2024 15:57

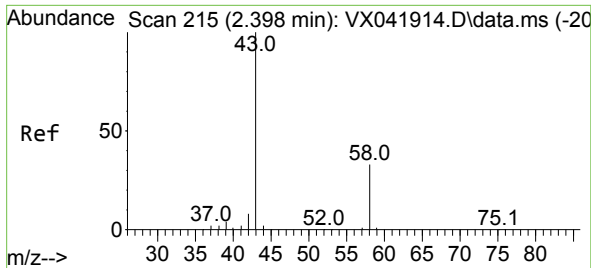
Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

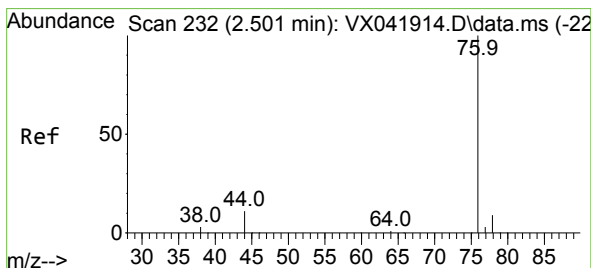
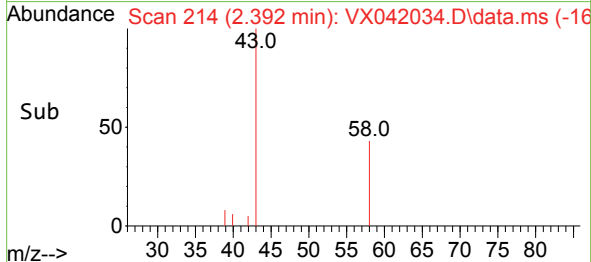
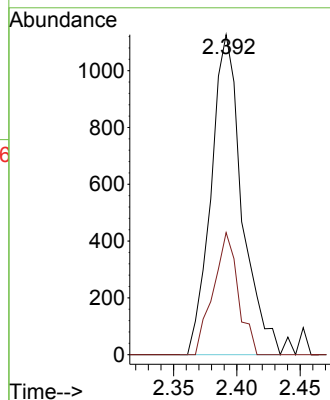
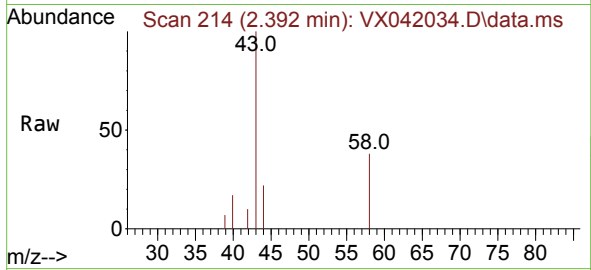




#16
Acetone
Concen: 2.772 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

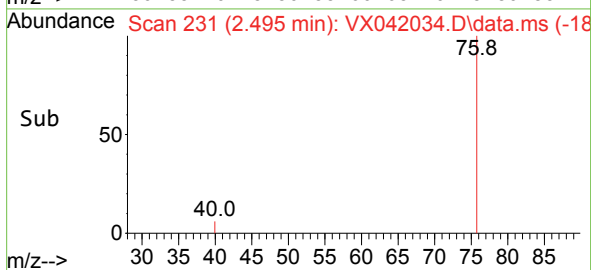
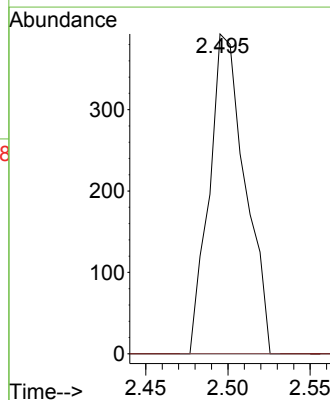
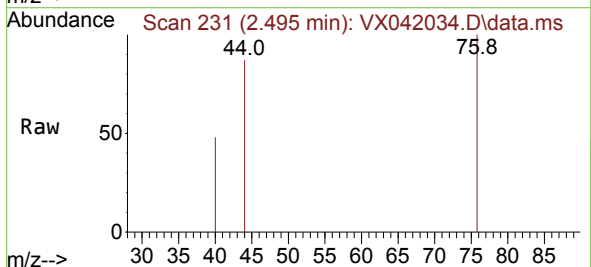
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240620

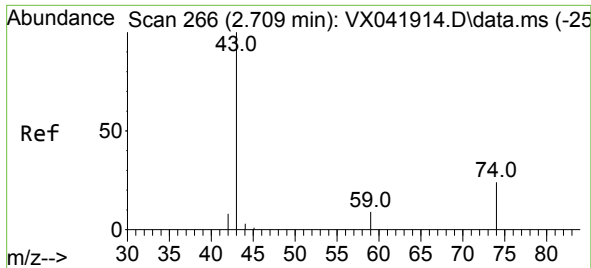
Tgt Ion: 43 Resp: 1911
Ion Ratio Lower Upper
43 100
58 38.2 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.006 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion: 76 Resp: 597
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

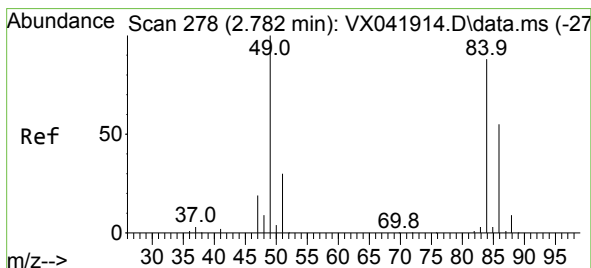
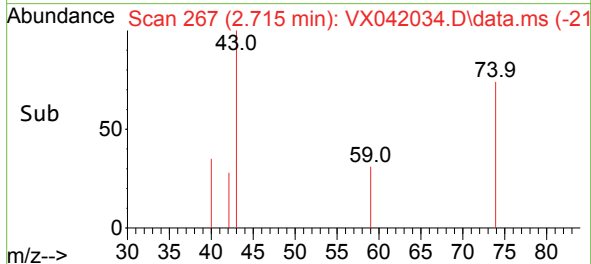
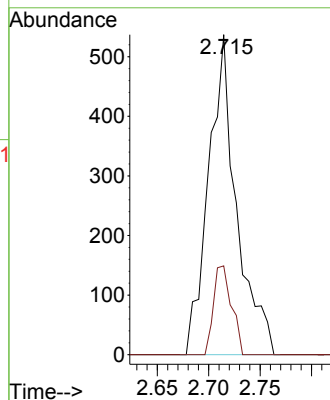
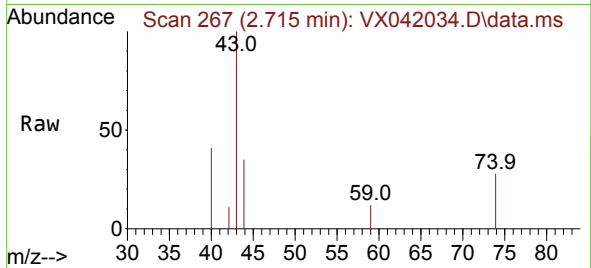




#18
Methyl Acetate
Concen: 0.540 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

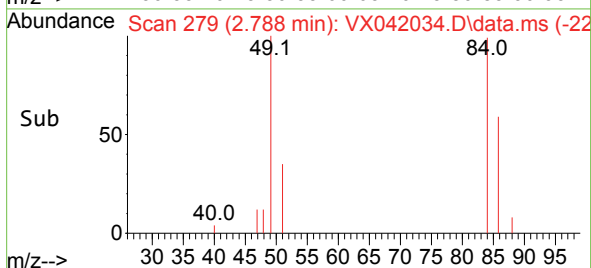
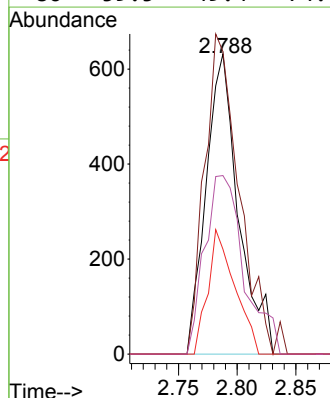
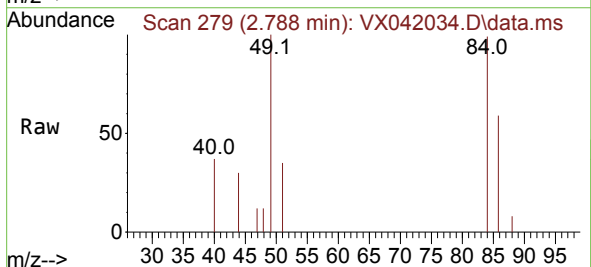
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240620

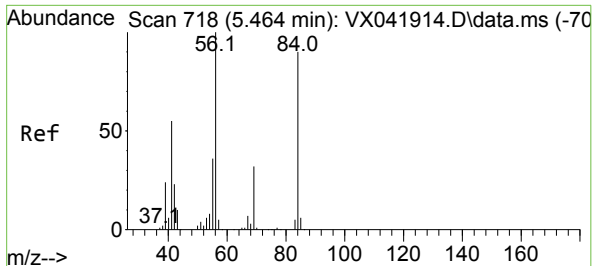
Tgt Ion: 43 Resp: 1016
Ion Ratio Lower Upper
43 100
74 17.9 17.8 26.8



#20
Methylene Chloride
Concen: 0.805 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

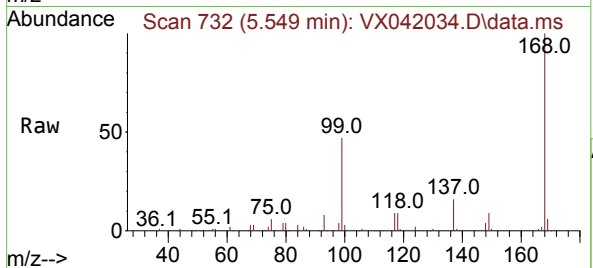
Tgt Ion: 84 Resp: 1215
Ion Ratio Lower Upper
84 100
49 100.8 103.6 155.4#
51 35.0 33.8 50.6
86 59.5 49.4 74.0



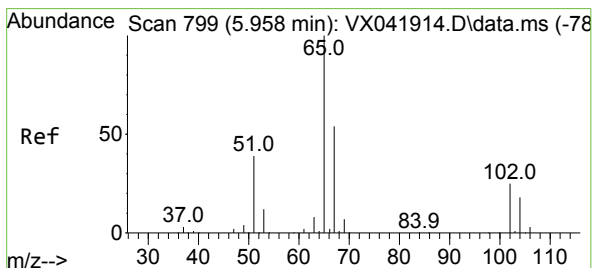
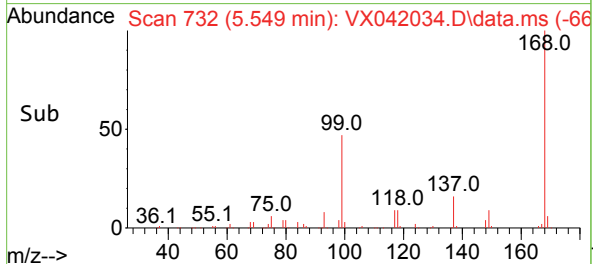
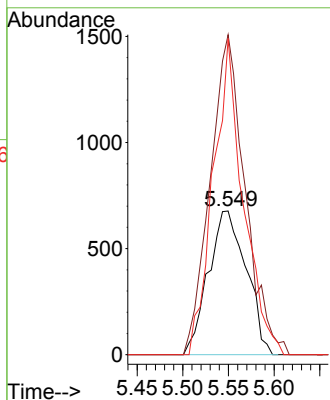


#31
Cyclohexane
Concen: 1.064 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240620

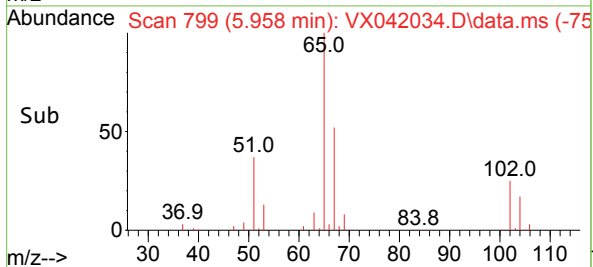
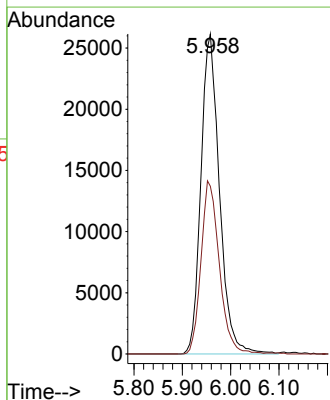
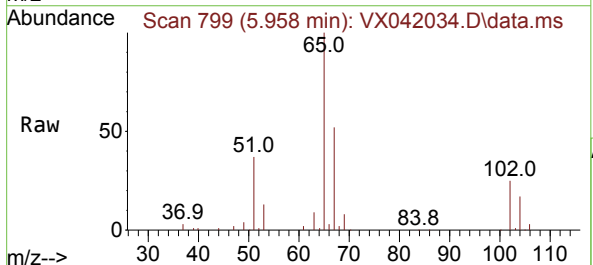


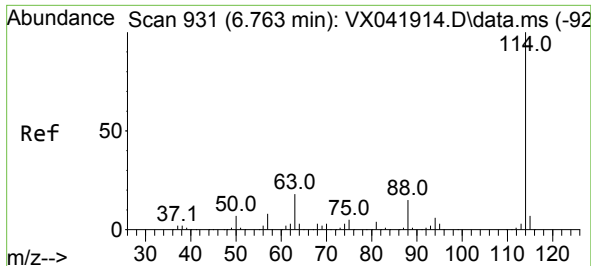
Tgt Ion: 56 Resp: 1953
Ion Ratio Lower Upper
56 100
69 222.7 23.4 35.2#
84 220.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.313 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion: 65 Resp: 69581
Ion Ratio Lower Upper
65 100
67 53.5 0.0 100.2

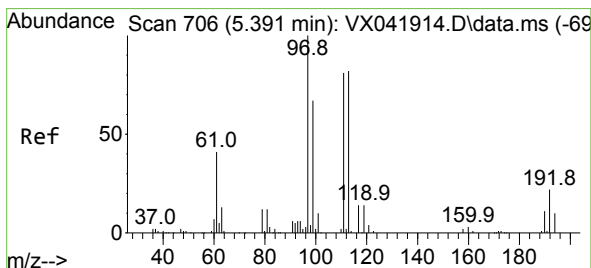
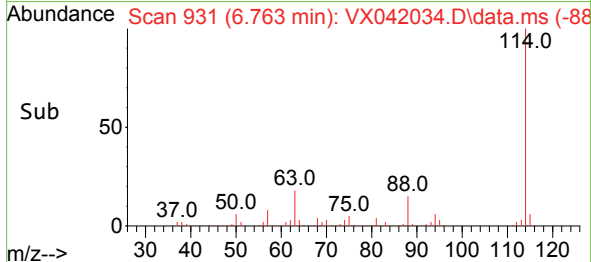
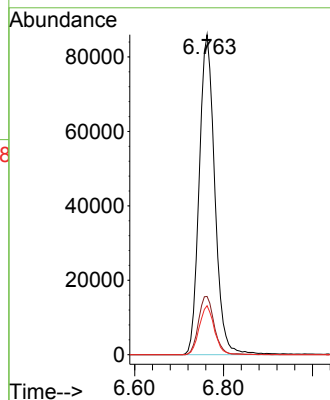
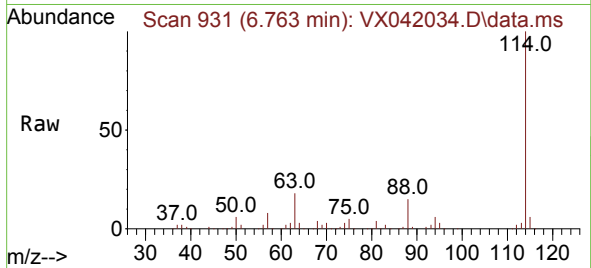




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

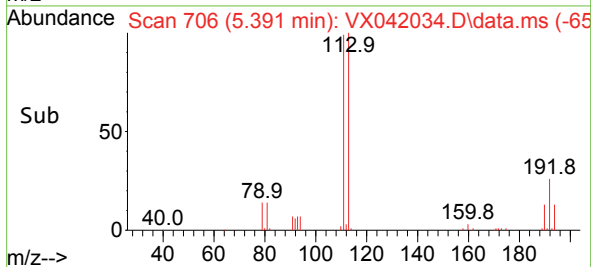
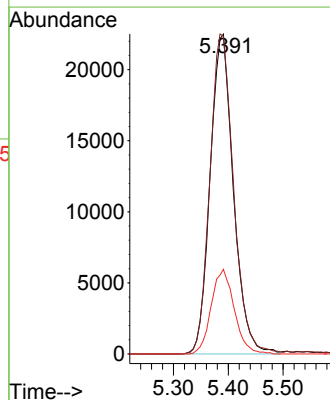
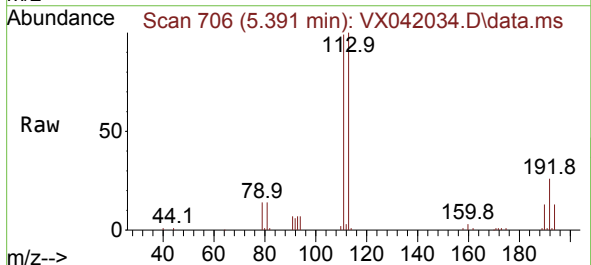
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BP-VPB-196-TB-20240620

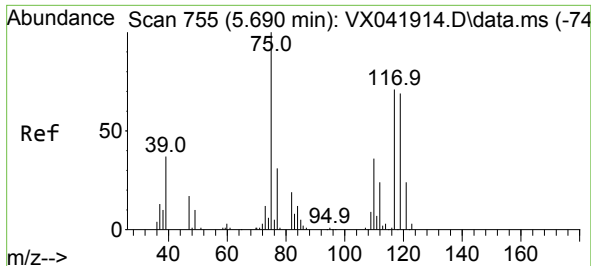
Tgt Ion:114 Resp: 209699
Ion Ratio Lower Upper
114 100
63 18.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.502 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion:113 Resp: 66216
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 26.3 13.3 19.9#

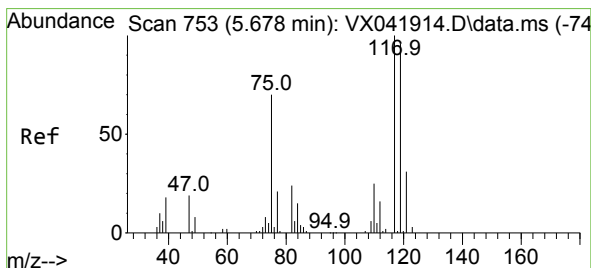
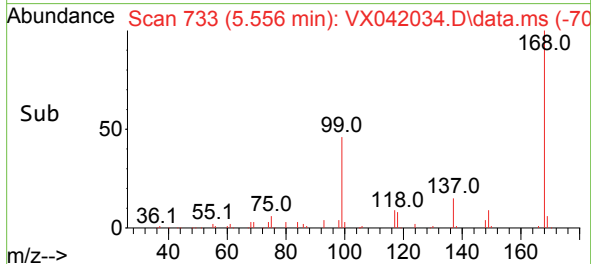
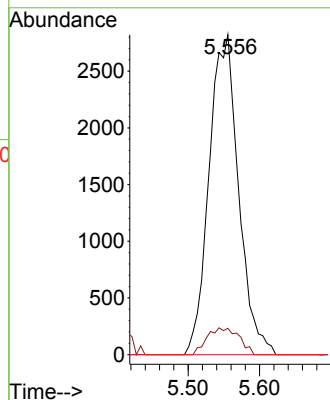
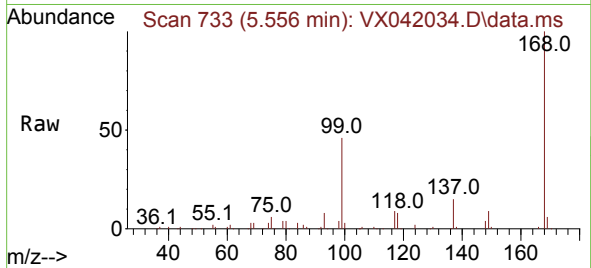




#36
1,1-Dichloropropene
Concen: 5.113 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

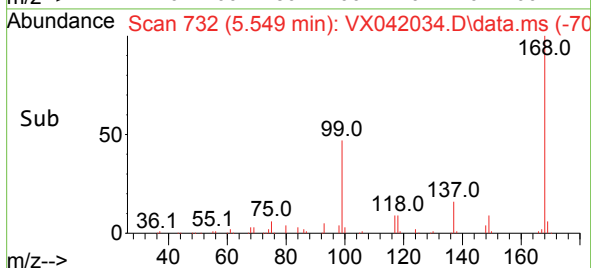
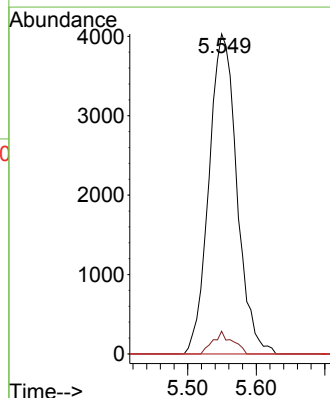
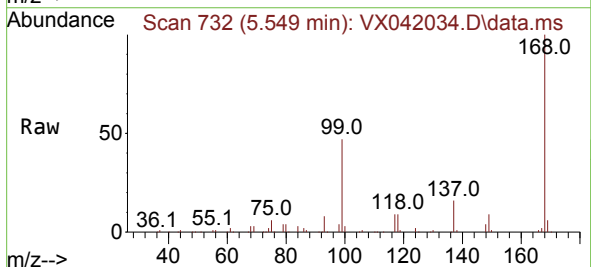
Instrument :
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BP-VPB-196-TB-20240620

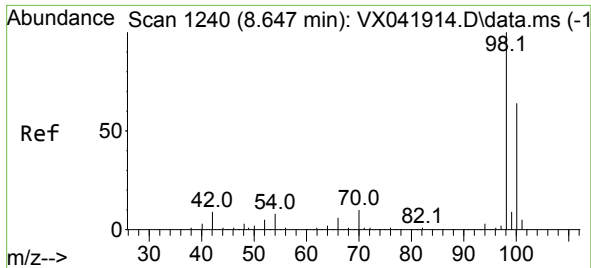
Tgt Ion: 75 Resp: 8079
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.527 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion: 117 Resp: 11394
Ion Ratio Lower Upper
117 100
119 7.1 78.2 117.2#
121 0.0 24.4 36.6#

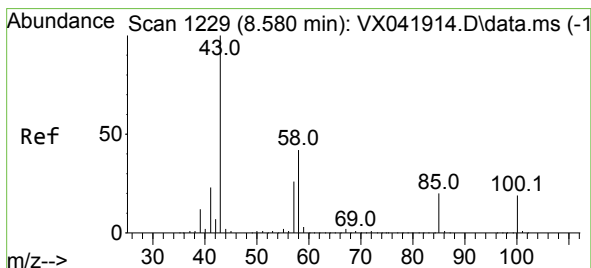
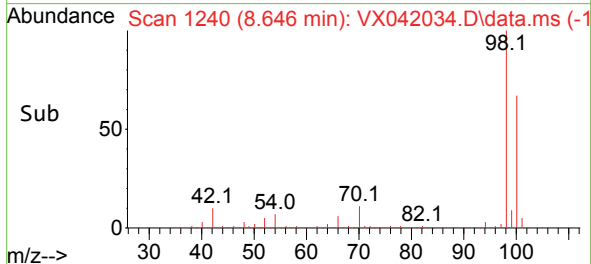
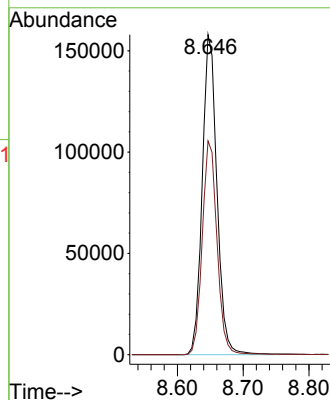
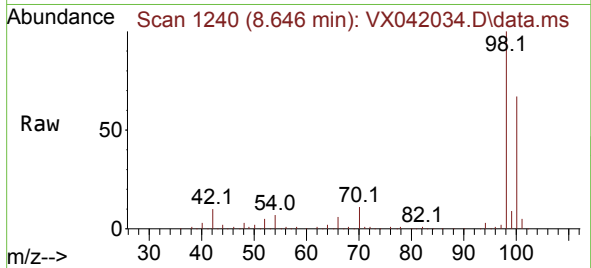




#50
Toluene-d8
Concen: 46.937 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

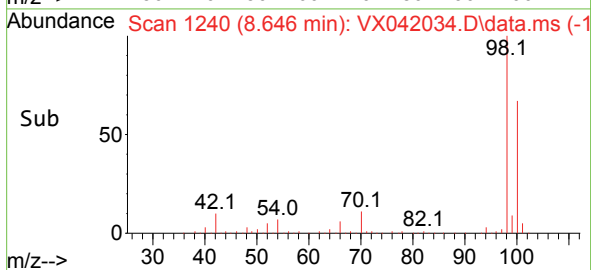
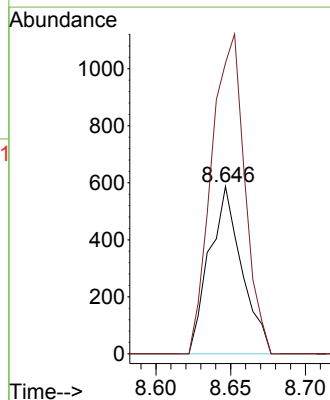
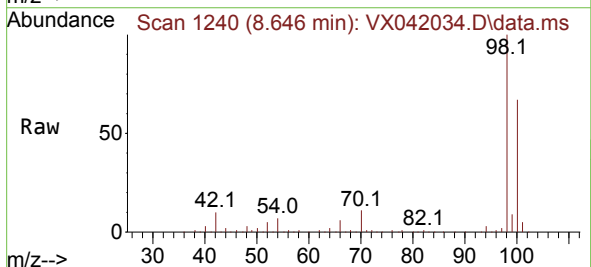
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240620

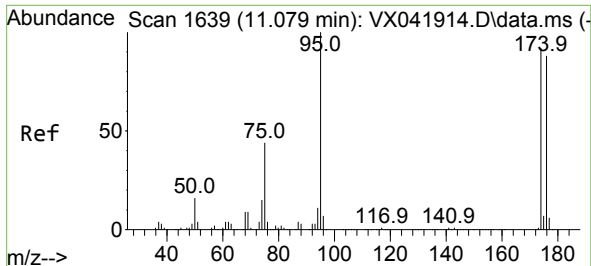
Tgt Ion: 98 Resp: 245350
Ion Ratio Lower Upper
98 100
100 67.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.407 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 195.7 30.4 45.6#

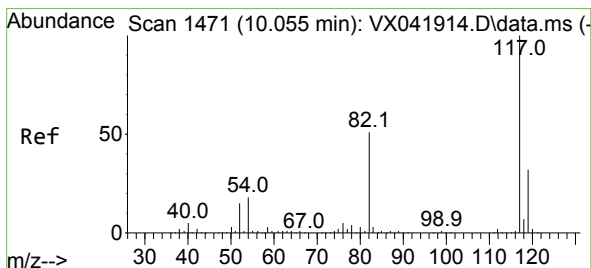
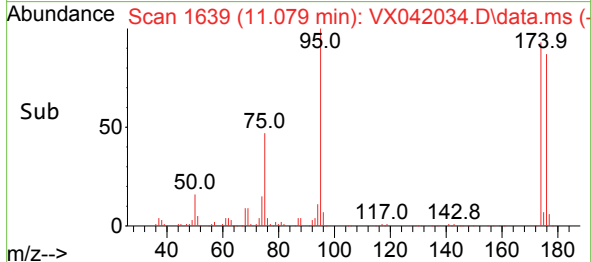
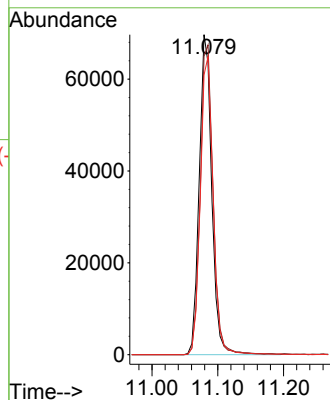
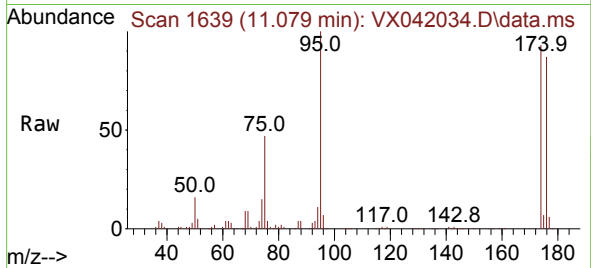




#62
4-Bromofluorobenzene
Concen: 47.786 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

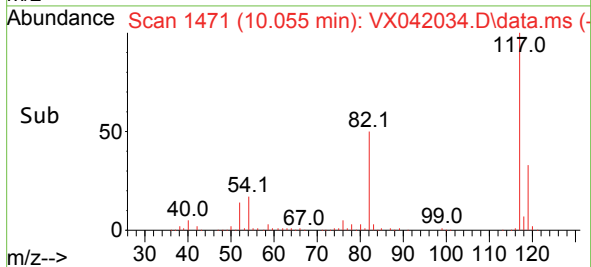
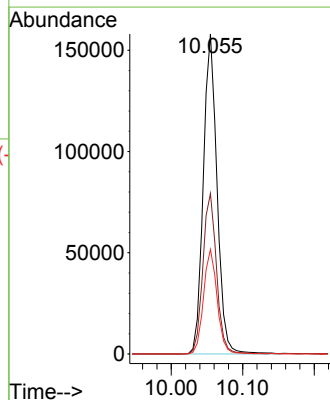
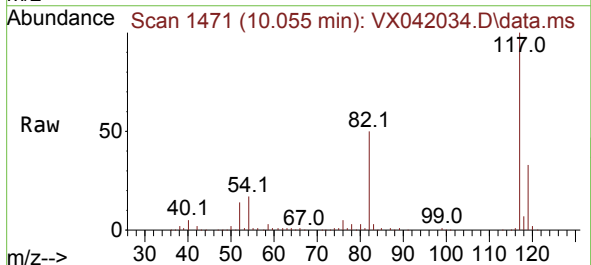
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240620

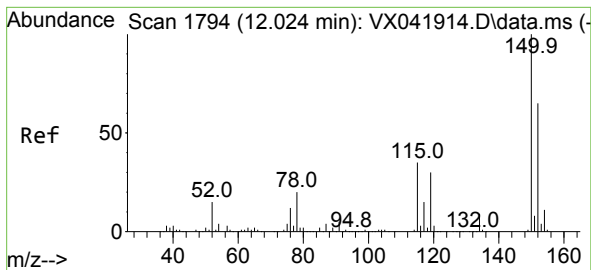
Tgt Ion: 95 Resp: 92076
Ion Ratio Lower Upper
95 100
174 99.4 0.0 135.6
176 95.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion: 117 Resp: 211031
Ion Ratio Lower Upper
117 100
82 50.2 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: VX042034.D

Acq: 25 Jun 2024 15:57

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-196-TB-20240620

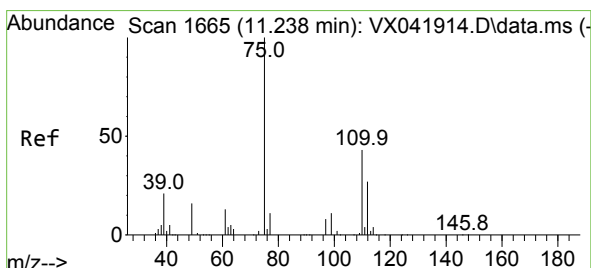
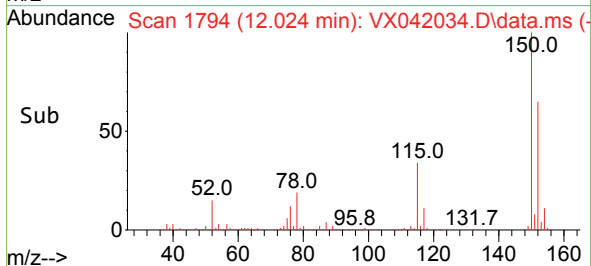
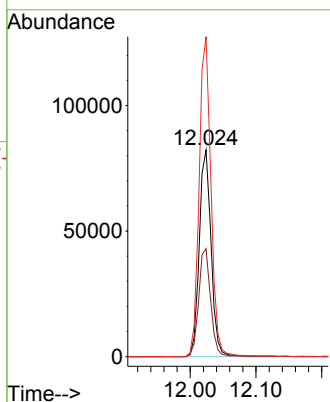
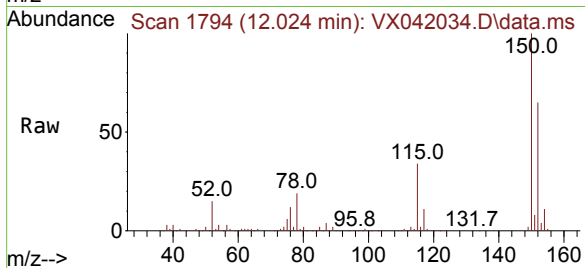
Tgt Ion:152 Resp: 103313

Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 154.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.288 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX042034.D

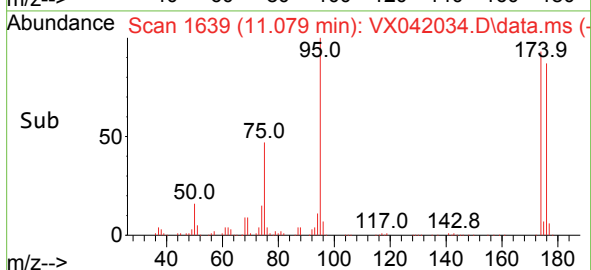
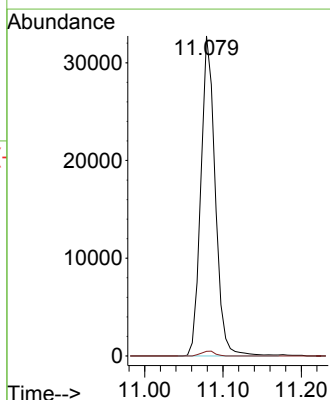
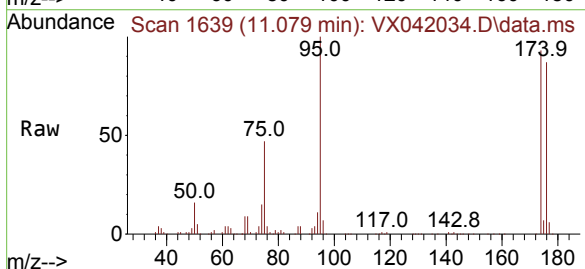
Acq: 25 Jun 2024 15:57

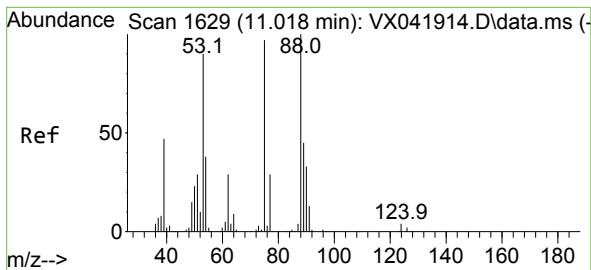
Tgt Ion: 75 Resp: 41803

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#

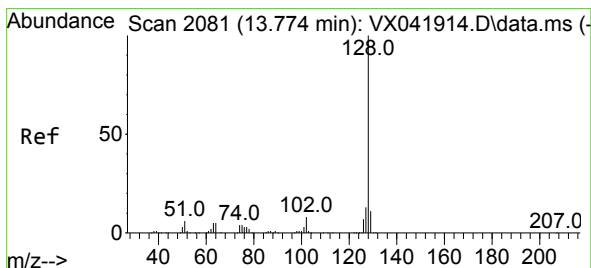
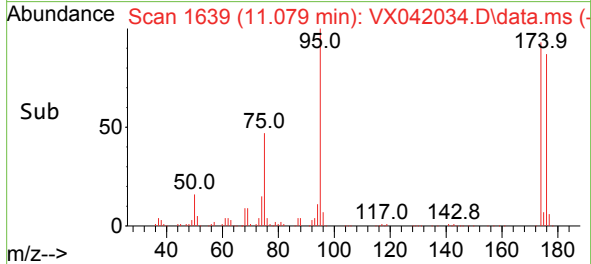
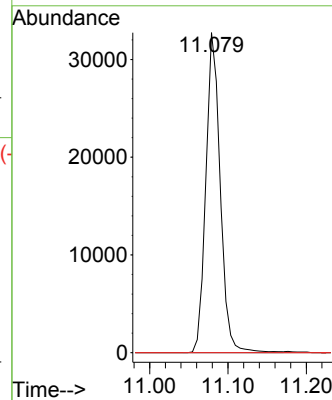
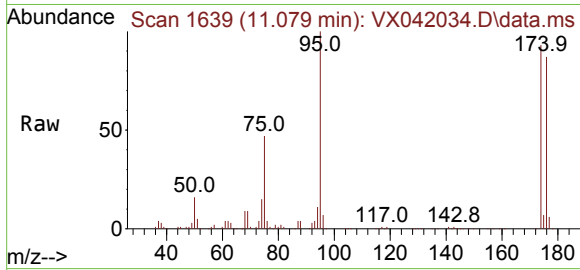




#81
trans-1,4-Dichloro-2-butene
Concen: 63.297 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-196-TB-20240620

Tgt Ion: 75 Resp: 41803
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 1.041 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX042034.D
Acq: 25 Jun 2024 15:57

Tgt Ion: 128 Resp: 2201
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 9.5 8.8 13.2

