

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024218.D
 Acq On : 14 Sep 2021 19:26
 Operator : JC/MD
 Sample : M3729-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-GW-820-822

Quant Time: Sep 15 01:58:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

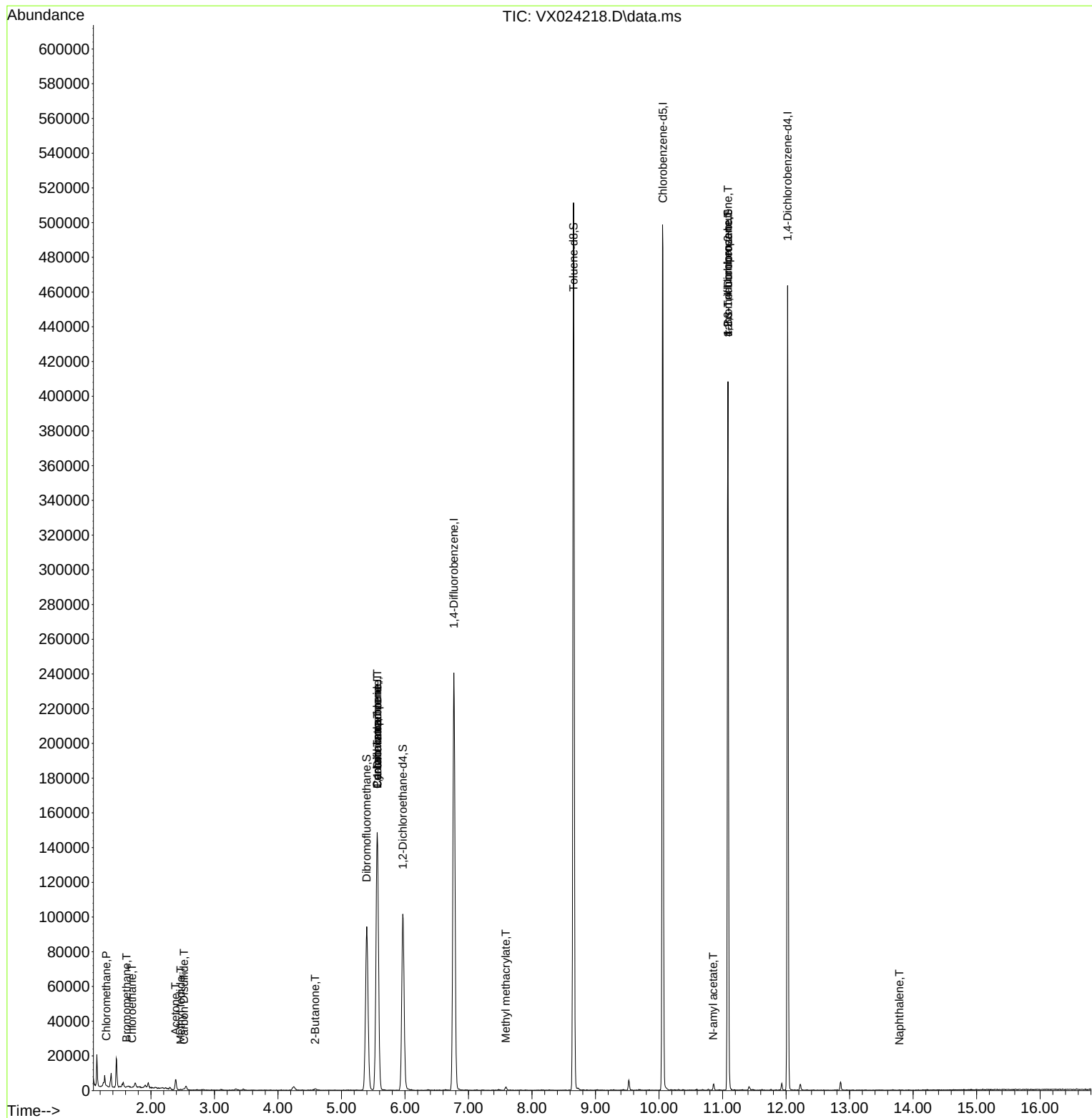
Internal Standards						
1) Pentafluorobenzene	5.562	168	135966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	236634	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	221281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103486	53.375	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.760%			
35) Dibromofluoromethane	5.397	113	78324	49.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.700%			
50) Toluene-d8	8.653	98	291275	50.383	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.085	95	104467	46.432	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.860%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	414	0.303	ug/l #	68
5) Bromomethane	1.617	94	617	0.763	ug/l #	62
6) Chloroethane	1.703	64	76	2.069	ug/l #	43
10) Methyl Iodide	2.465	142	432	0.233	ug/l #	82
11) Tert butyl alcohol	2.989	59	101	Below Cal	#	73
16) Acetone	2.386	43	6482	7.841	ug/l	92
17) Carbon Disulfide	2.520	76	1021	0.325	ug/l #	72
25) 2-Butanone	4.586	43	1556	1.278	ug/l #	76
31) Cyclohexane	5.562	56	3198	1.410	ug/l #	36
36) 1,1-Dichloropropene	5.562	75	10813	4.970	ug/l #	49
38) Carbon Tetrachloride	5.562	117	14493	5.919	ug/l #	17
48) Methyl methacrylate	7.586	41	566	0.281	ug/l #	21
74) N-amyl acetate	10.854	43	602	0.216	ug/l #	20
76) 1,2,3-Trichloropropane	11.085	75	55705	27.257	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	55705	80.164	ug/l #	12
95) Naphthalene	13.786	128	87	1.300	ug/l #	69

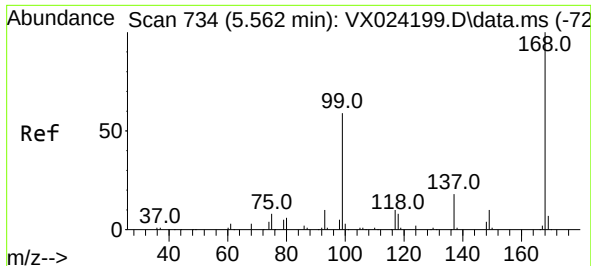
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
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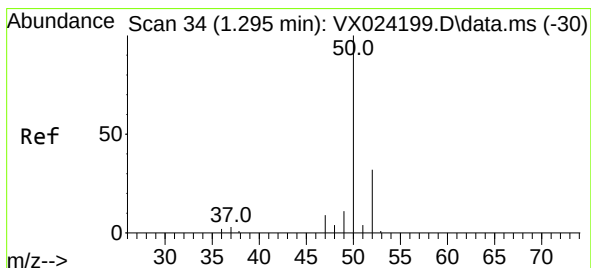
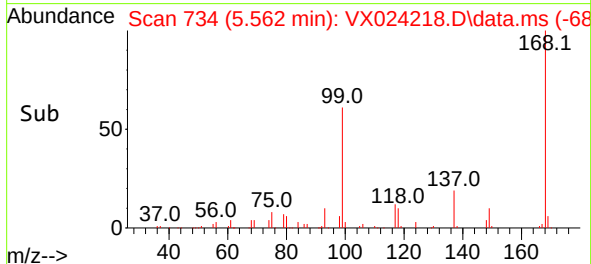
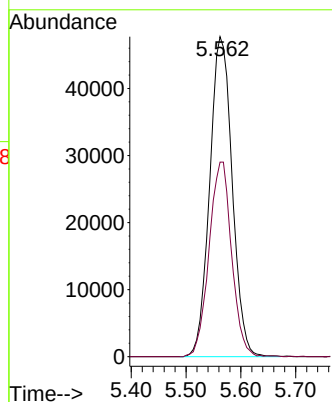
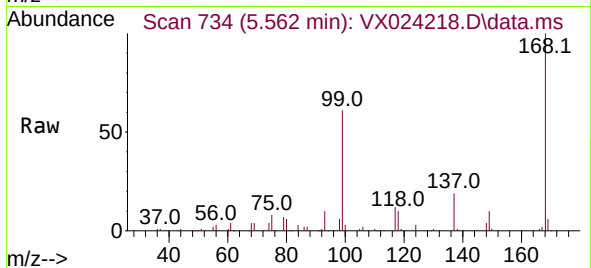




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

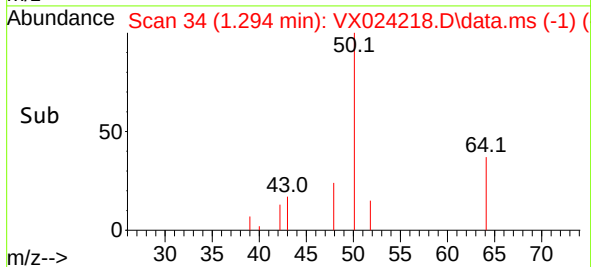
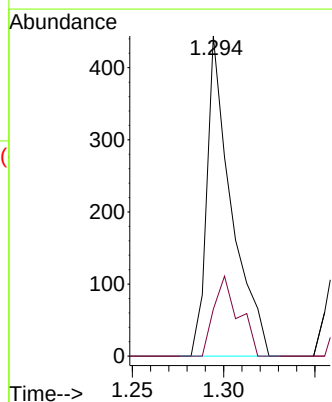
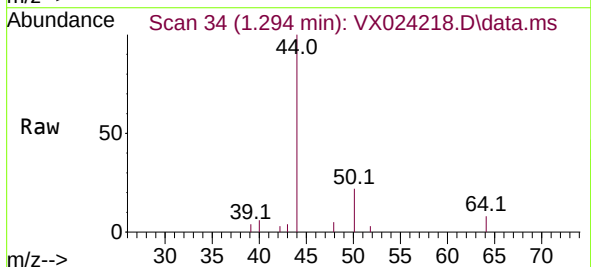
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

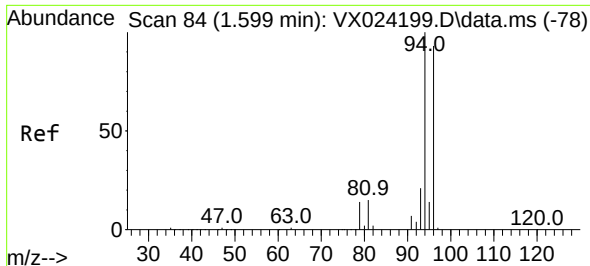
Tgt Ion:168 Resp: 135966
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#3
Chloromethane
Concen: 0.303 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion: 50 Resp: 414
Ion Ratio Lower Upper
50 100
52 14.6 26.4 39.6#

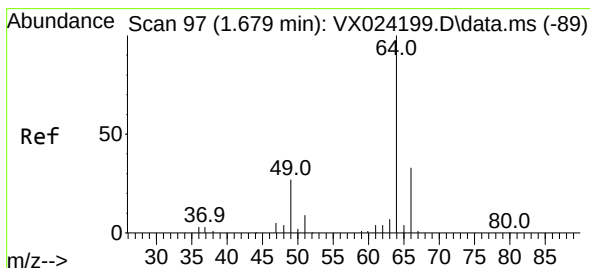
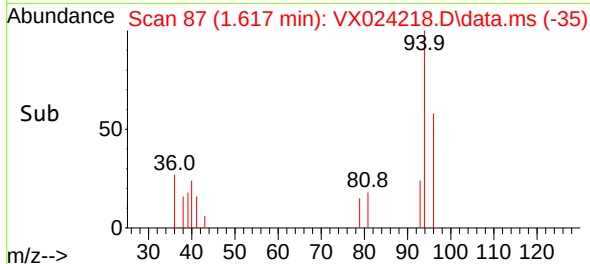
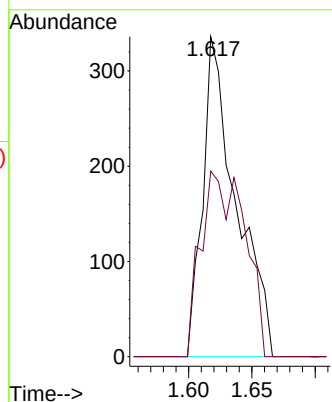
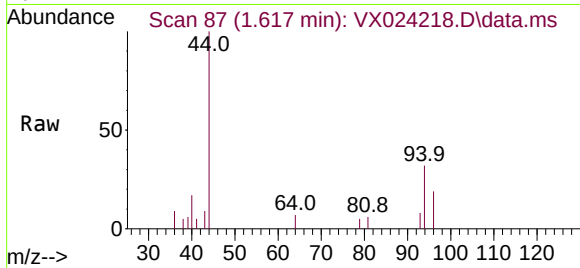




#5
Bromomethane
Concen: 0.763 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

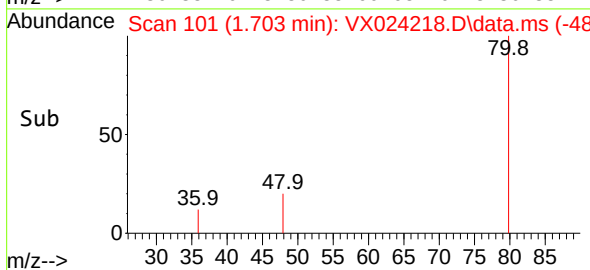
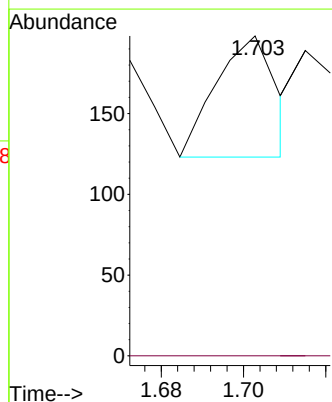
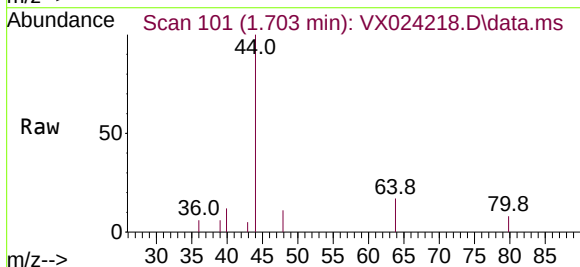
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

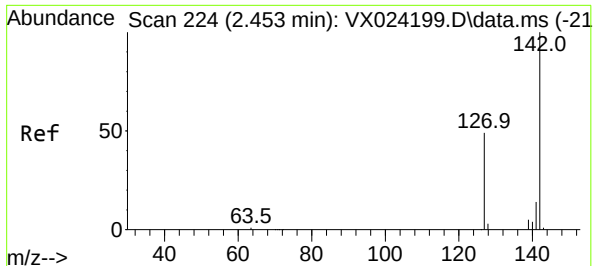
Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 58.0 76.4 114.6#



#6
Chloroethane
Concen: 2.069 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

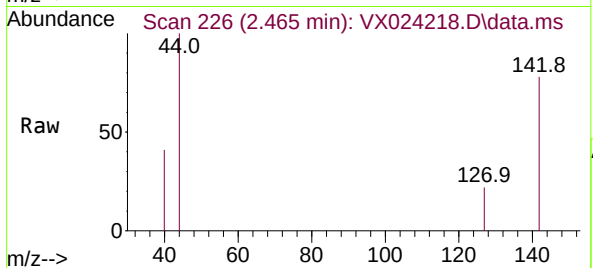
Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



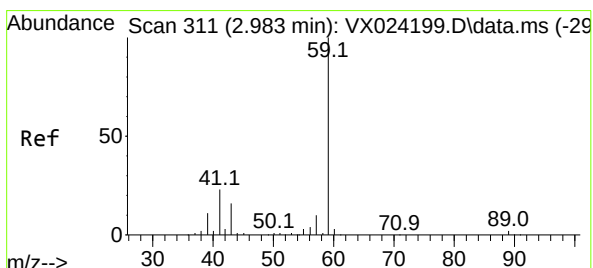
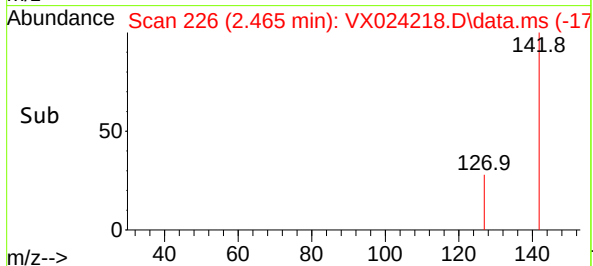
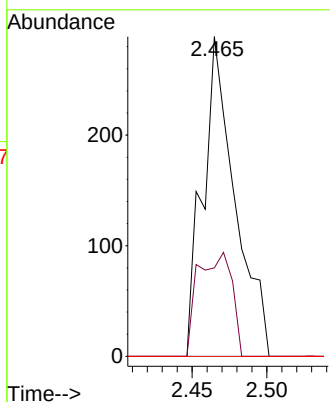


#10
Methyl Iodide
Concen: 0.233 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

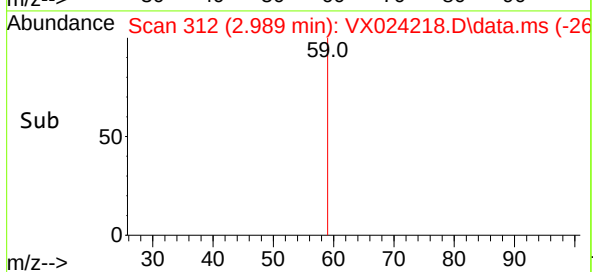
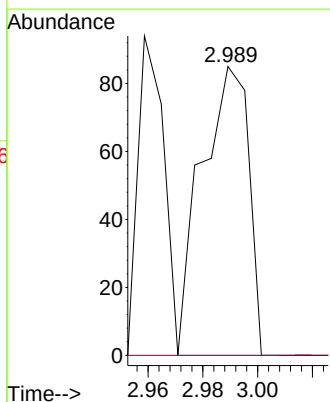
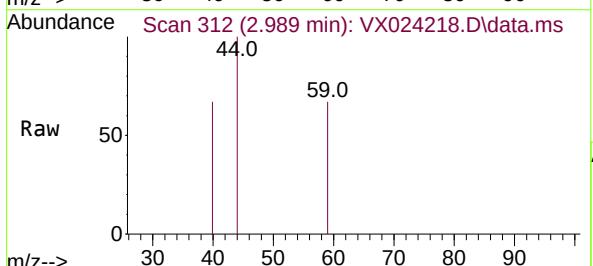


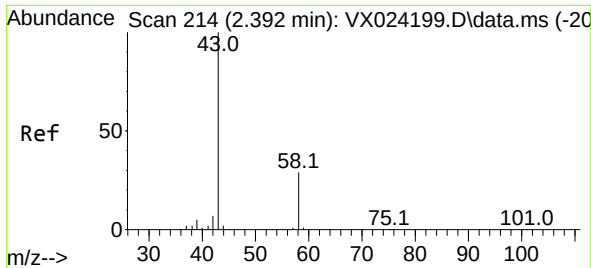
Tgt Ion:142 Resp: 432
Ion Ratio Lower Upper
142 100
127 34.0 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.989 min Scan# 312
Delta R.T. 0.006 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

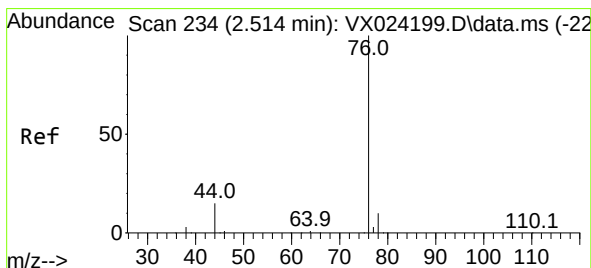
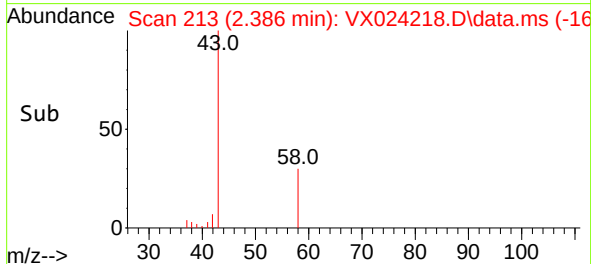
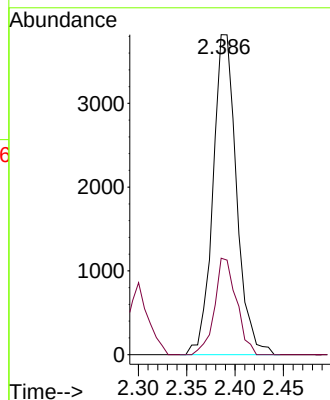
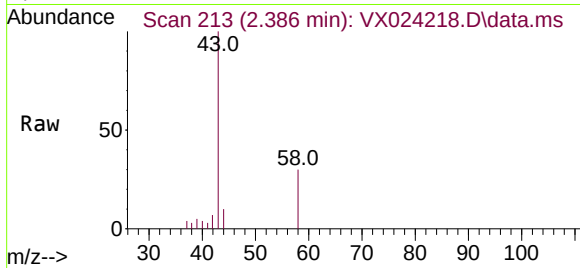




#16
Acetone
Concen: 7.841 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

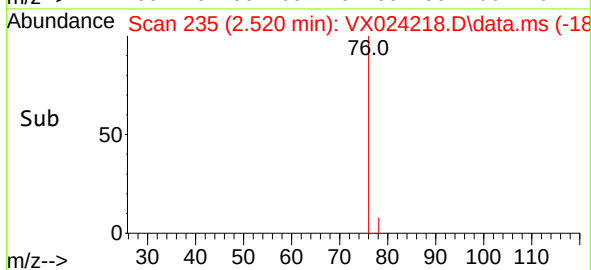
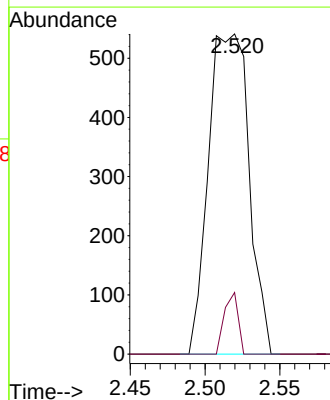
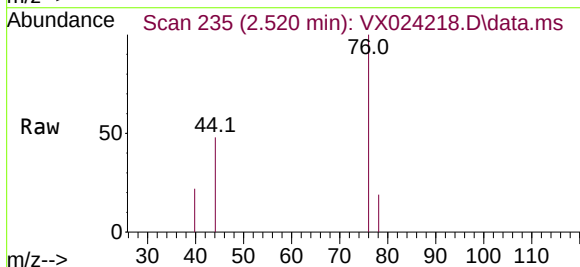
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

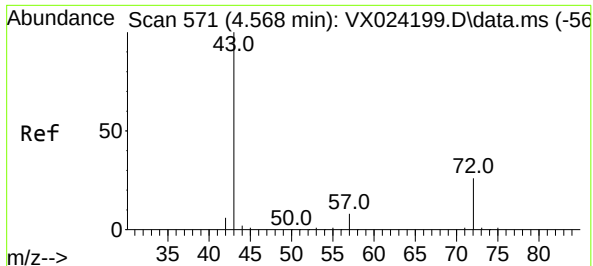
Tgt Ion: 43 Resp: 6482
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.325 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion: 76 Resp: 1021
Ion Ratio Lower Upper
76 100
78 19.2 7.2 10.8#

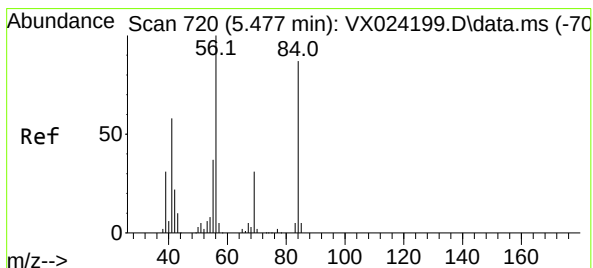
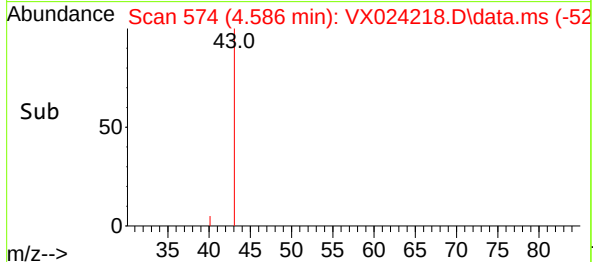
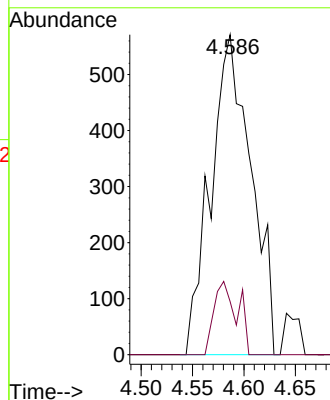
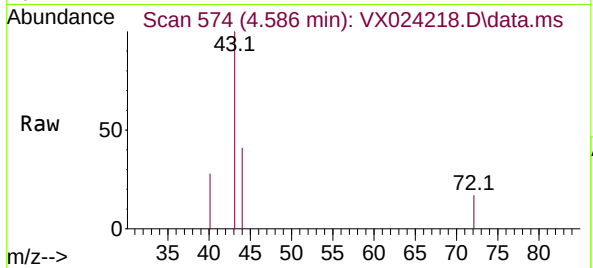




#25
2-Butanone
Concen: 1.278 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

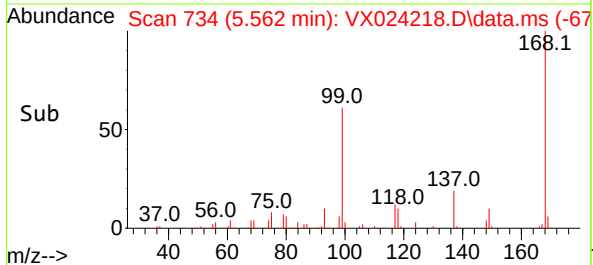
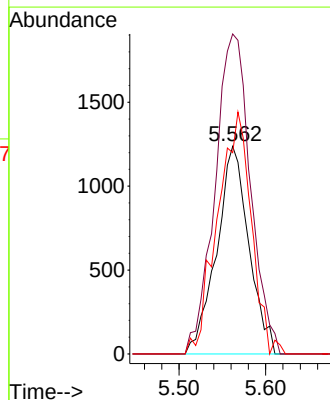
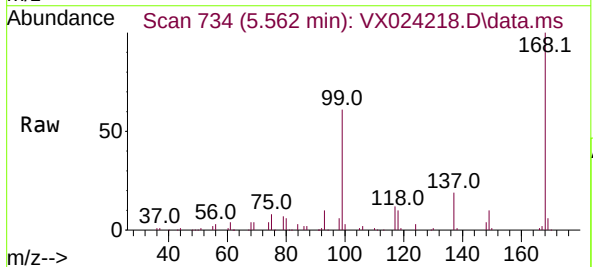
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MSVOA_X
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BP-TT-VPB-RW7-GW-820-822

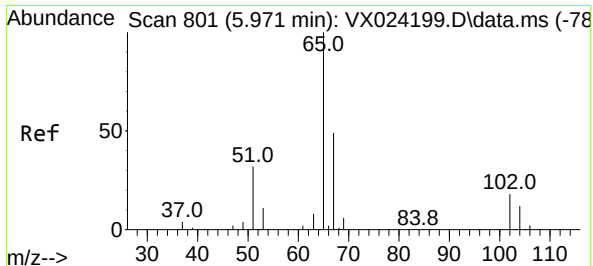
Tgt Ion: 43 Resp: 1556
Ion Ratio Lower Upper
43 100
72 16.6 23.7 35.5#



#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion: 56 Resp: 3198
Ion Ratio Lower Upper
56 100
69 154.2 25.3 37.9#
84 97.0 71.4 107.0





#33

1,2-Dichloroethane-d4

Concen: 53.375 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024218.D

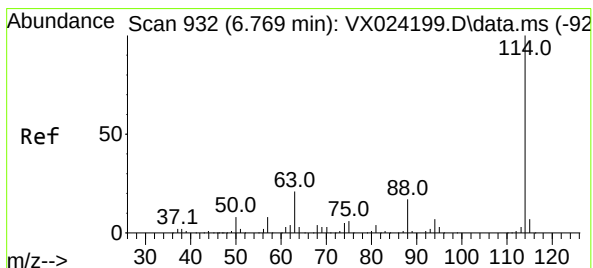
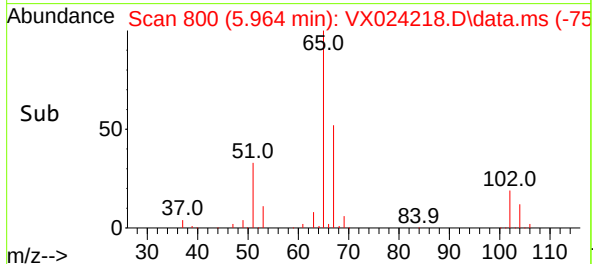
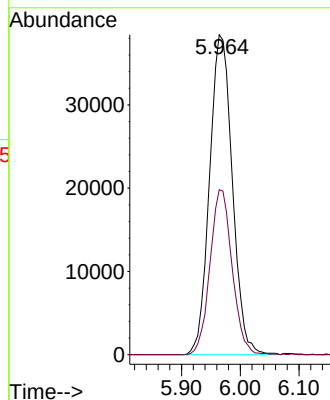
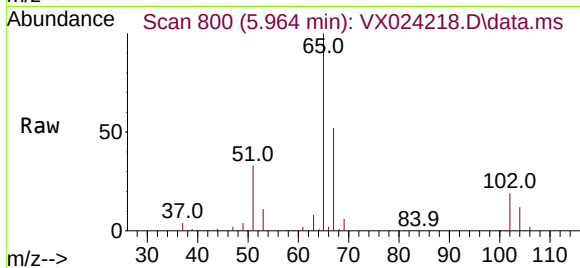
Acq: 14 Sep 2021 19:26

Tgt Ion: 65 Resp: 103486

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX024218.D

Acq: 14 Sep 2021 19:26

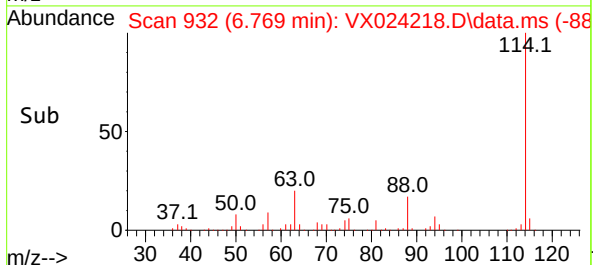
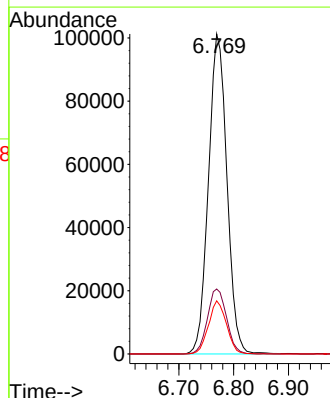
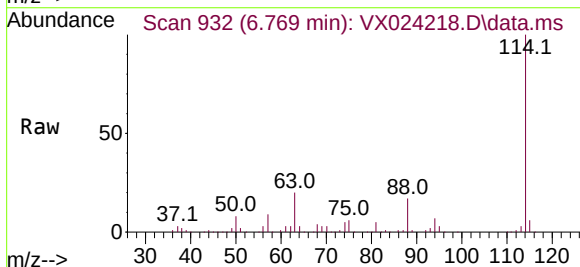
Tgt Ion: 114 Resp: 236634

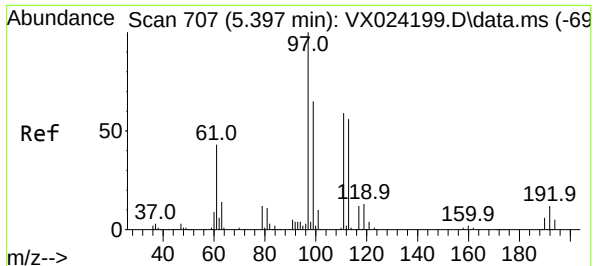
Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.354 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024218.D

Acq: 14 Sep 2021 19:26

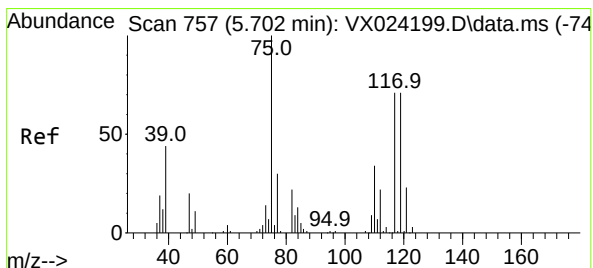
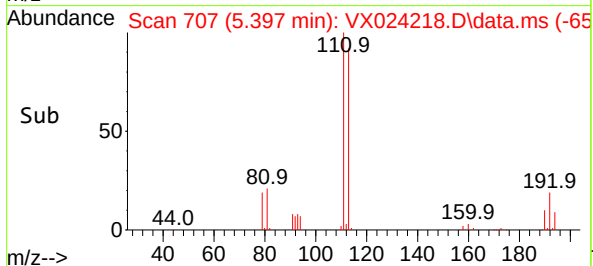
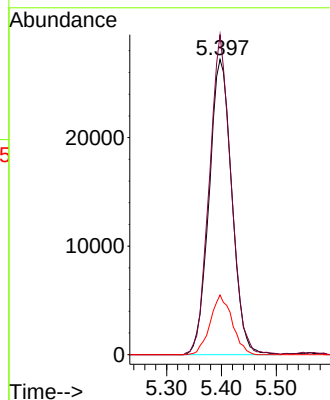
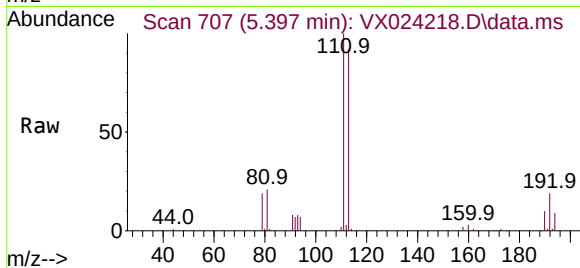
Tgt Ion:113 Resp: 78324

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 19.5 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024218.D

Acq: 14 Sep 2021 19:26

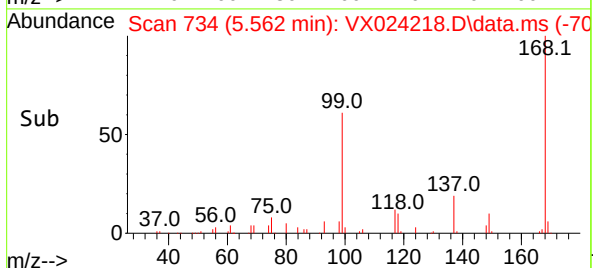
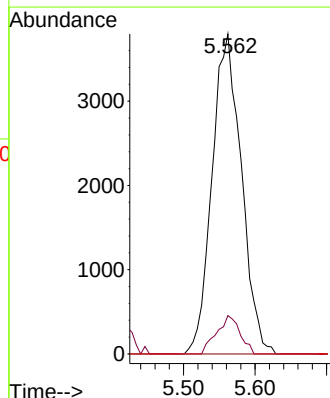
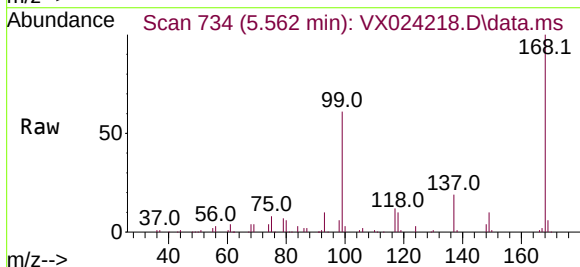
Tgt Ion: 75 Resp: 10813

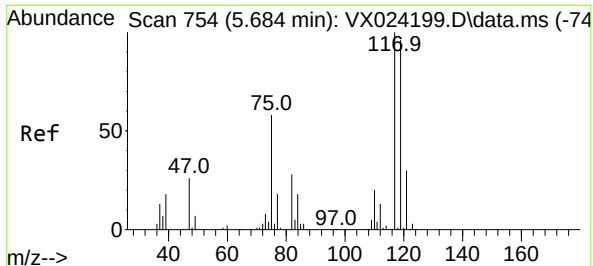
Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.4#

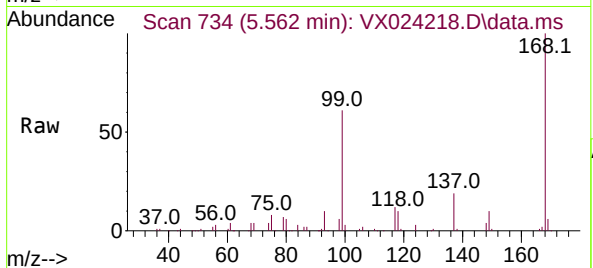
77 0.0 25.3 37.9#



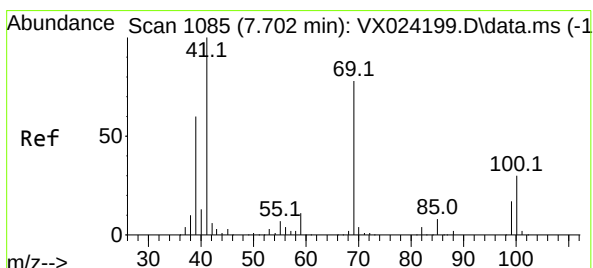
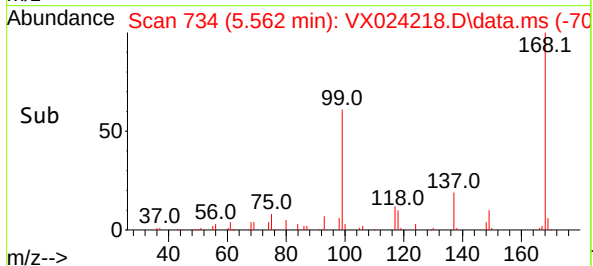
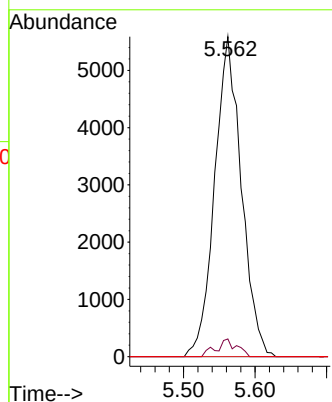


#38
Carbon Tetrachloride
Concen: 5.919 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

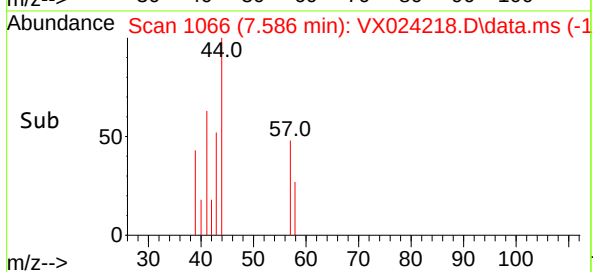
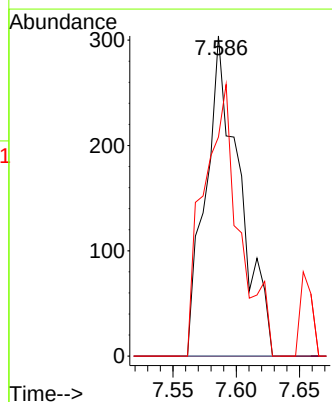
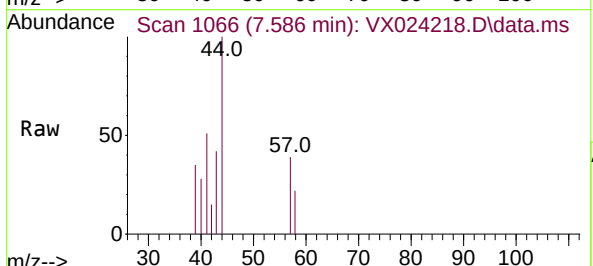


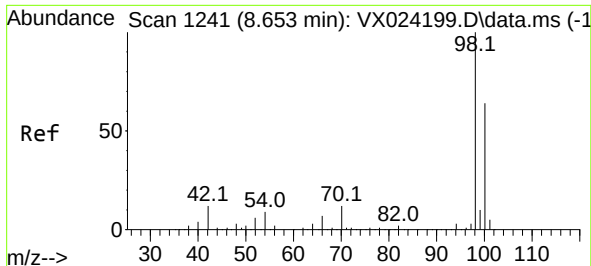
Tgt Ion:117 Resp: 14493
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 0.281 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.116 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion: 41 Resp: 566
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 89.0 44.6 67.0#

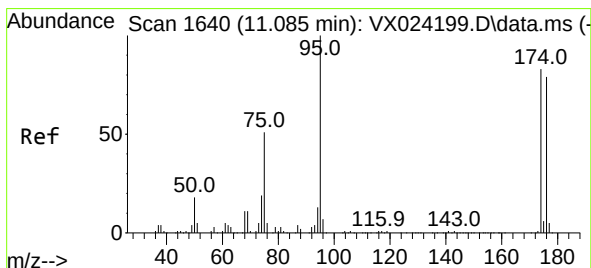
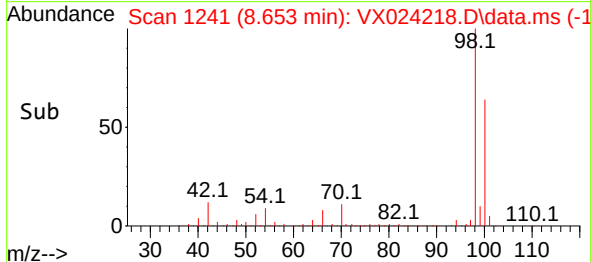
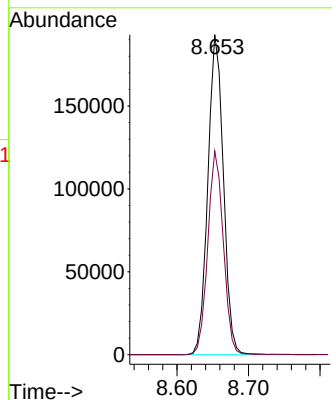
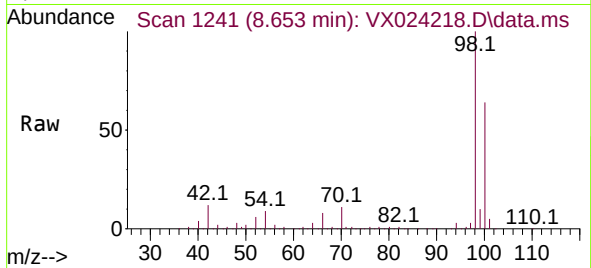




#50
Toluene-d8
Concen: 50.383 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

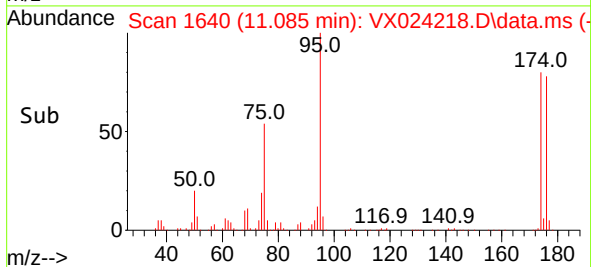
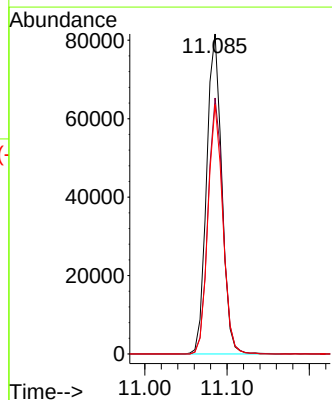
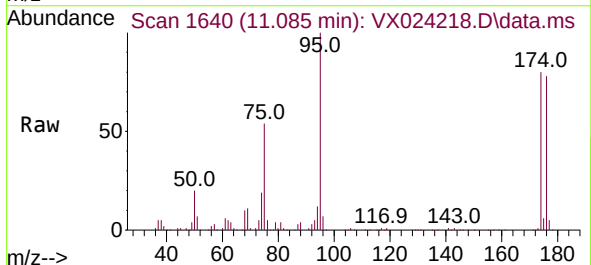
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

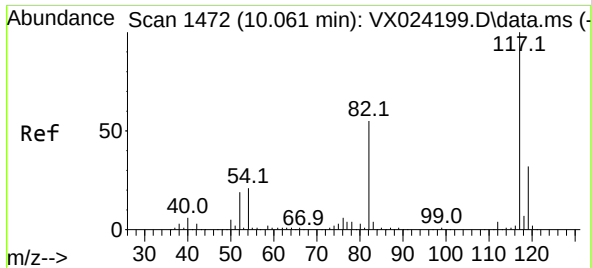
Tgt Ion: 98 Resp: 291275
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.432 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion: 95 Resp: 104467
Ion Ratio Lower Upper
95 100
174 79.1 0.0 154.6
176 76.0 0.0 155.8

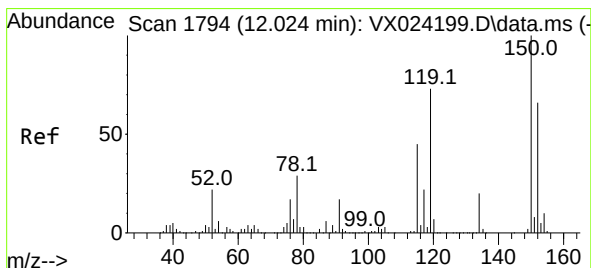
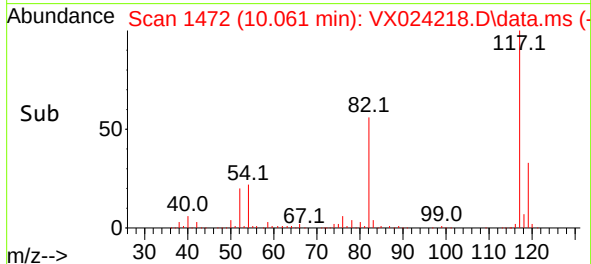
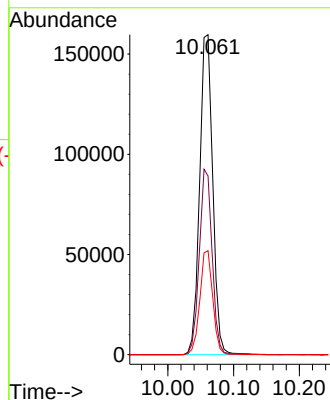
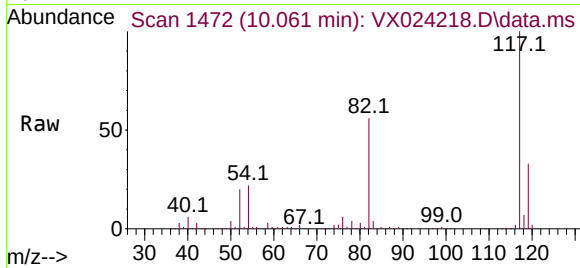




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

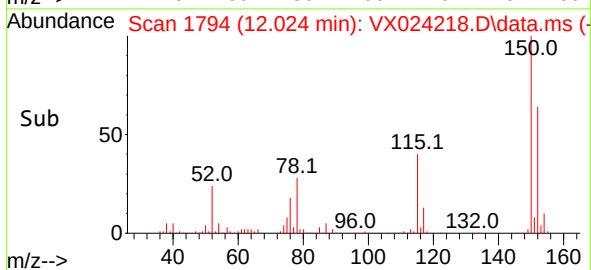
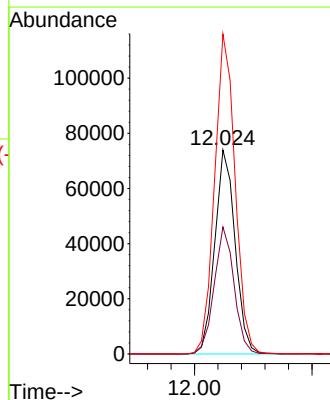
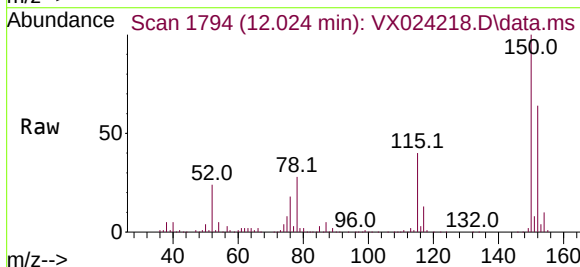
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

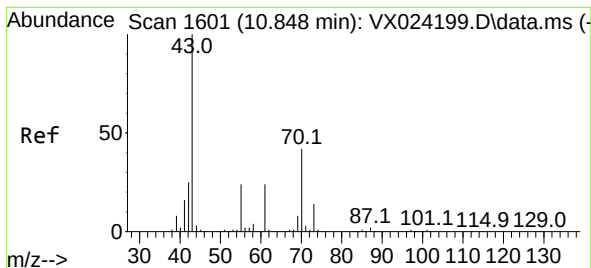
Tgt Ion:117 Resp: 221281
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion:152 Resp: 88878
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.5 0.0 349.0





#74

N-amy1 acetate

Concen: 0.216 ug/l

RT: 10.854 min Scan# 1602

Delta R.T. 0.006 min

Lab File: VX024218.D

Acq: 14 Sep 2021 19:26

Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

70 92.4 39.0 58.6#

55 98.2 21.5 32.3#

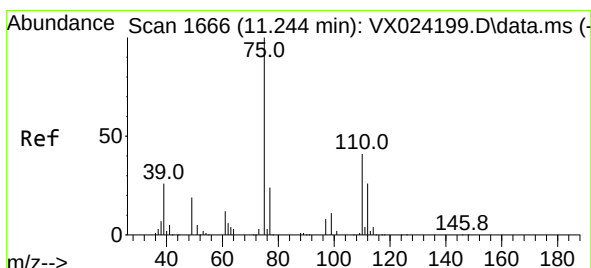
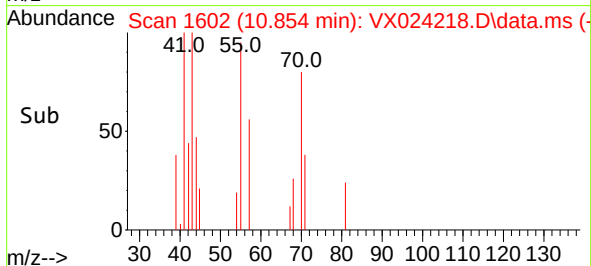
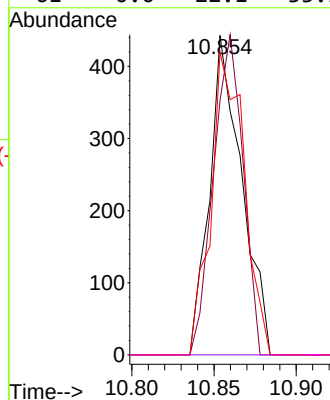
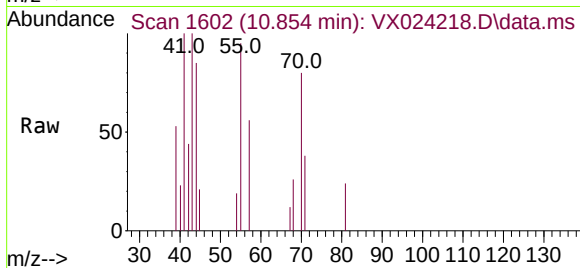
61 0.0 22.1 33.1#

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-GW-820-822



#76

1,2,3-Trichloropropane

Concen: 27.257 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX024218.D

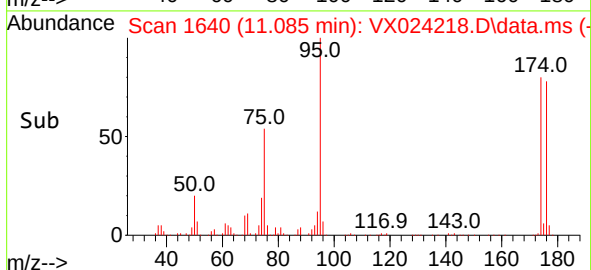
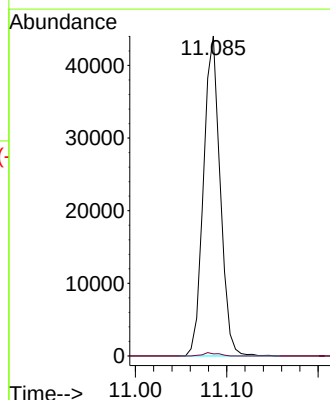
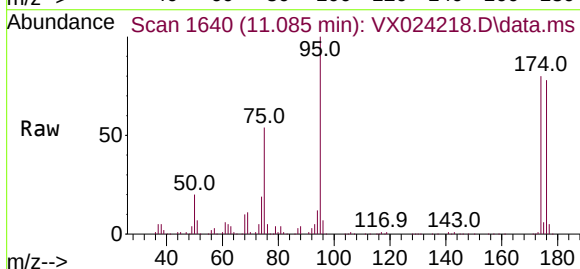
Acq: 14 Sep 2021 19:26

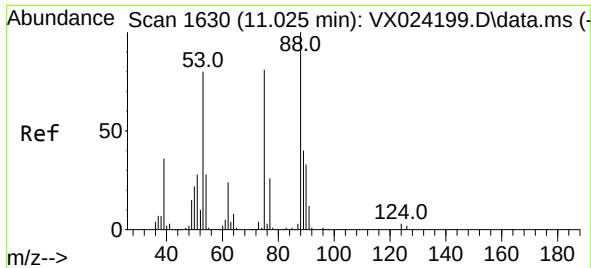
Tgt Ion: 75 Resp: 55705

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#

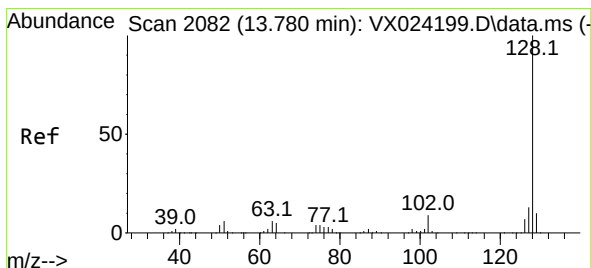
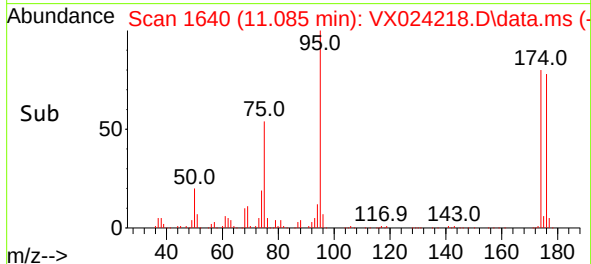
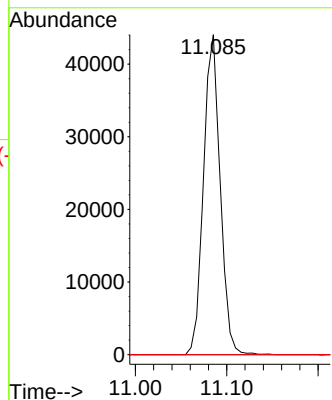
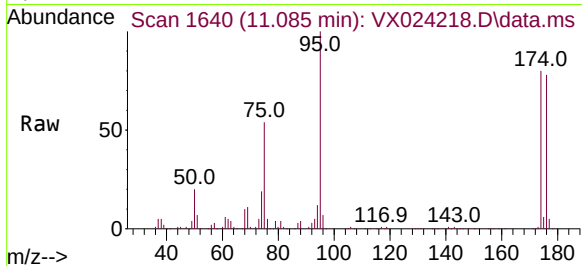




#81
trans-1,4-Dichloro-2-butene
Concen: 80.164 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-GW-820-822

Tgt Ion: 75 Resp: 55705
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.300 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024218.D
Acq: 14 Sep 2021 19:26

Tgt Ion: 128 Resp: 87
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

