

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021852.D
 Acq On : 23 Apr 2021 19:01
 Operator : JC/MD
 Sample : M2164-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW8-GW-338-340

Quant Time: Apr 26 04:06:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

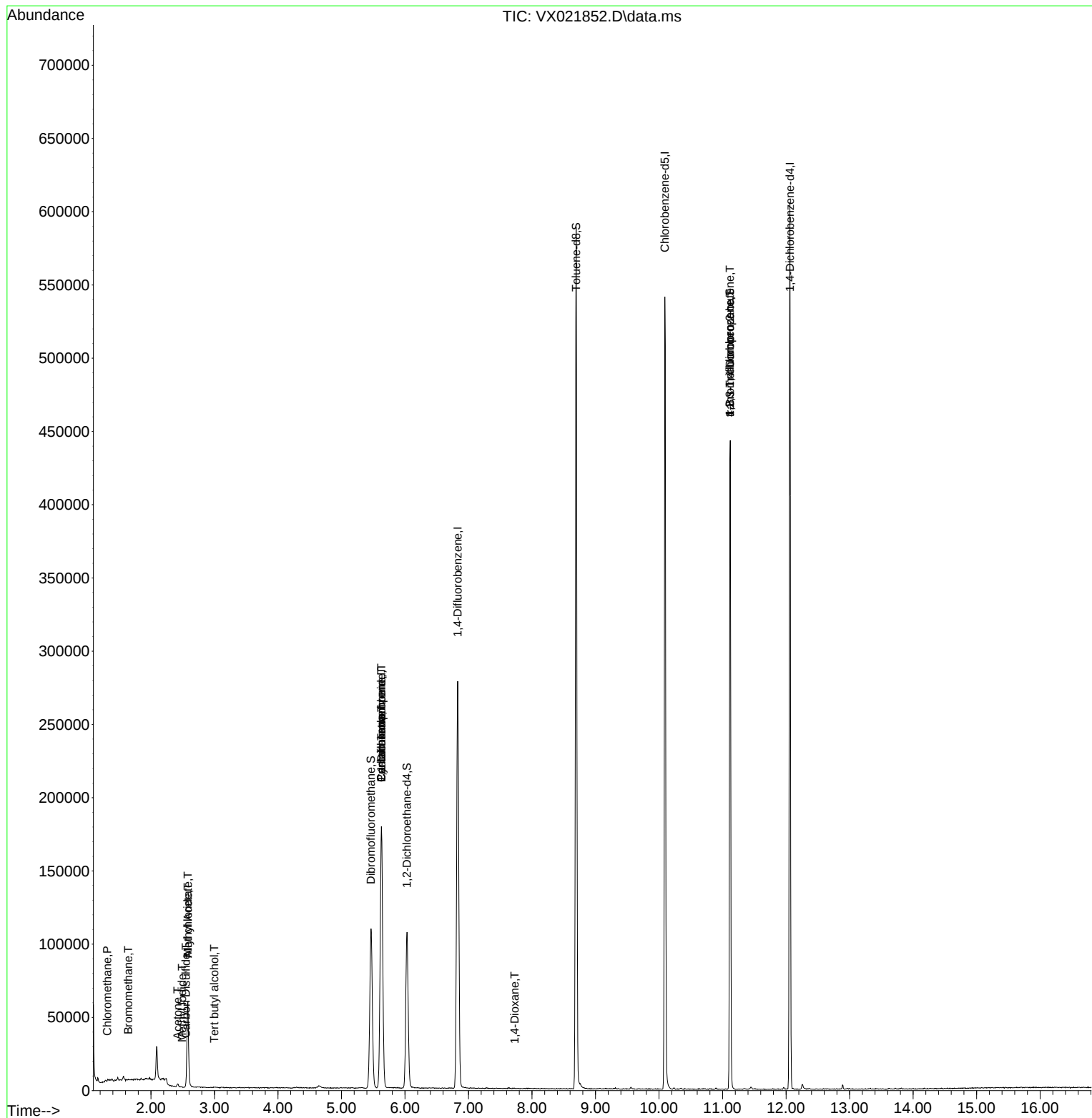
Internal Standards						
1) Pentafluorobenzene	5.629	168	180752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	304428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	273618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	130420	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	100157	48.84	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.68%		
35) Dibromofluoromethane	5.464	113	96488	49.56	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.12%		
50) Toluene-d8	8.696	98	360212	48.12	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.24%		
62) 4-Bromofluorobenzene	11.116	95	127954	45.77	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.54%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	742	0.63	ug/l #	83
5) Bromomethane	1.642	94	279	0.31	ug/l	94
10) Methyl Iodide	2.489	142	46	8.17	ug/l #	42
11) Tert butyl alcohol	2.995	59	345	0.77	ug/l #	90
14) Allyl chloride	2.581	41	5314	1.98	ug/l #	55
16) Acetone	2.416	43	2140	3.04	ug/l	95
17) Carbon Disulfide	2.550	76	1068	0.22	ug/l #	73
18) Methyl Acetate	2.581	43	13618	7.12	ug/l #	47
31) Cyclohexane	5.629	56	3048	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	11599	4.32	ug/l #	49
38) Carbon Tetrachloride	5.629	117	16919	5.75	ug/l #	16
49) 1,4-Dioxane	7.726	88	48	0.95	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	58344	22.56	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	58344	51.88	ug/l #	12

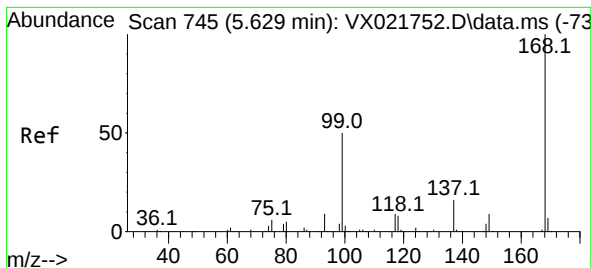
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.629 min Scan# 745

Delta R.T. 0.000 min

Lab File: VX021852.D

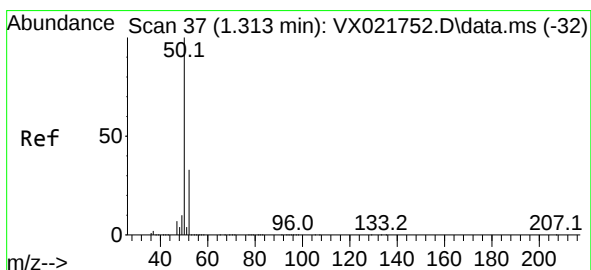
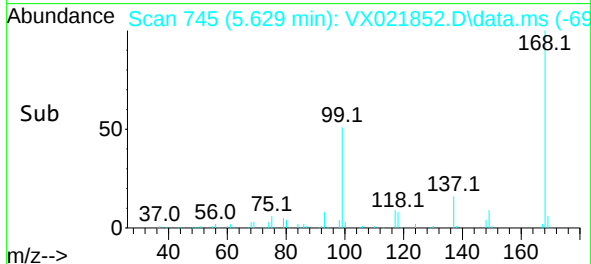
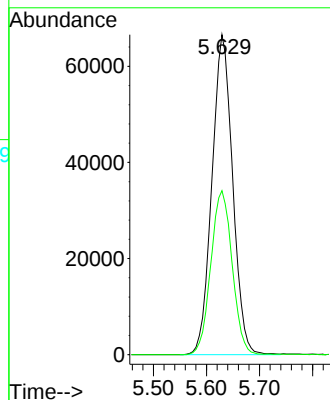
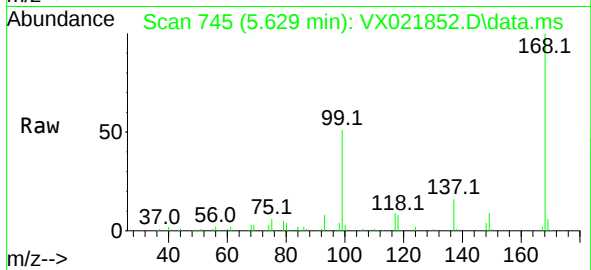
Acq: 23 Apr 2021 19:01

Tgt Ion:168 Resp: 180752

Ion Ratio Lower Upper

168 100

99 51.3 45.8 68.6



#3

Chloromethane

Concen: 0.63 ug/l

RT: 1.313 min Scan# 37

Delta R.T. -0.000 min

Lab File: VX021852.D

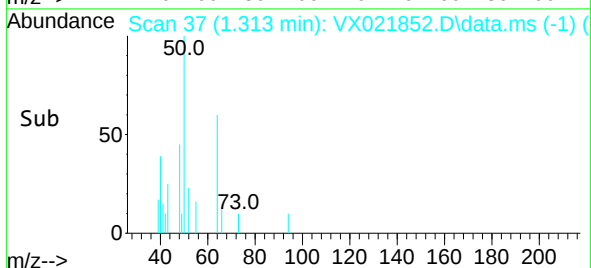
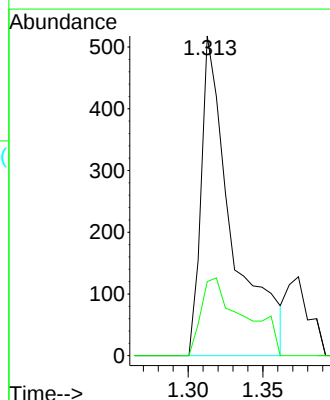
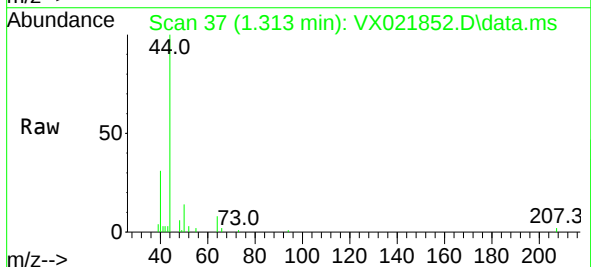
Acq: 23 Apr 2021 19:01

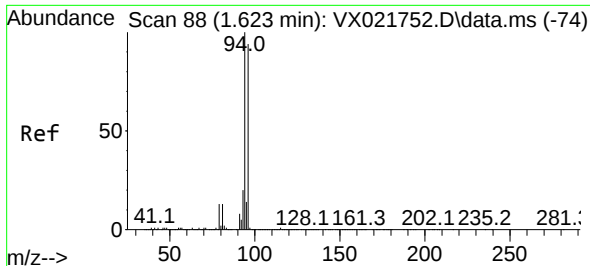
Tgt Ion: 50 Resp: 742

Ion Ratio Lower Upper

50 100

52 23.2 26.4 39.6#

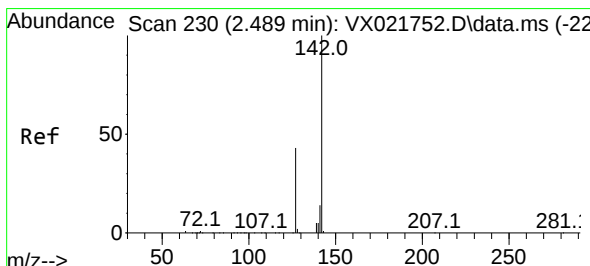
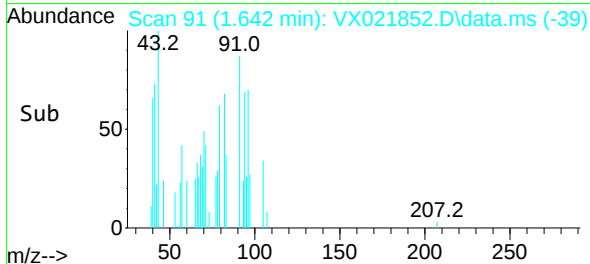
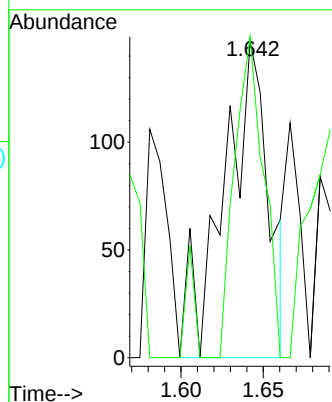
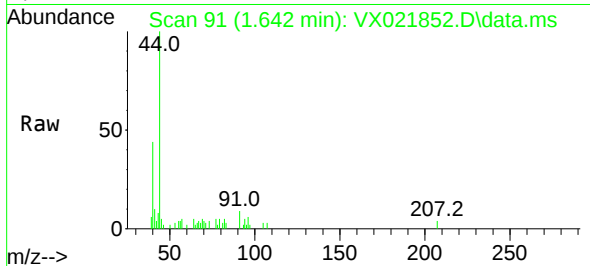




#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

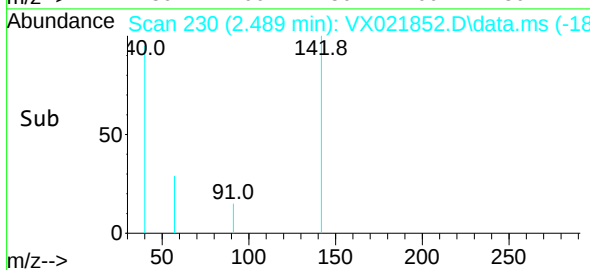
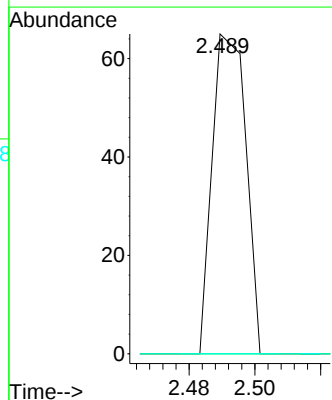
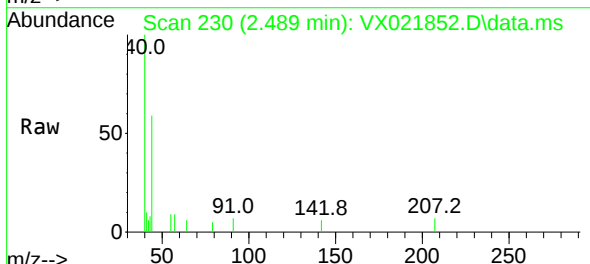
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340

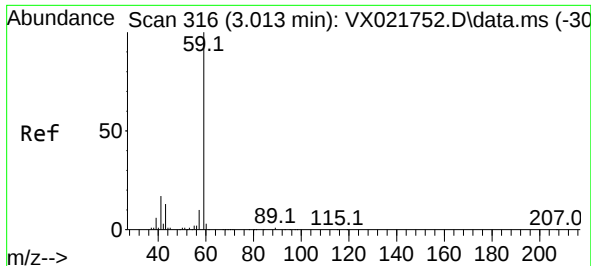
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 101.4 76.4 114.6



#10
Methyl Iodide
Concen: 8.17 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

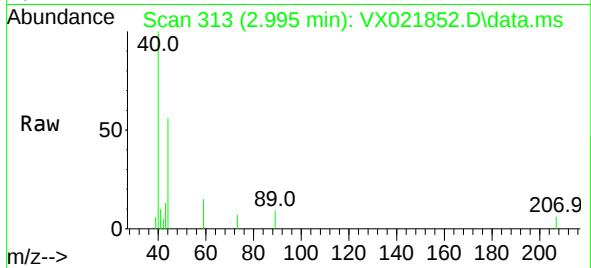
Tgt Ion: 142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



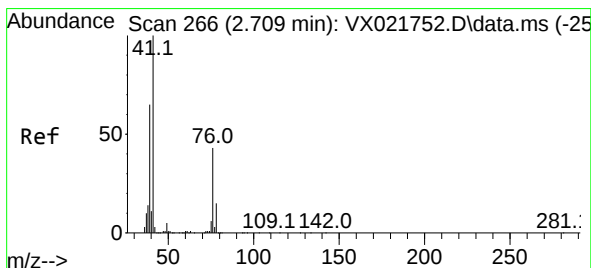
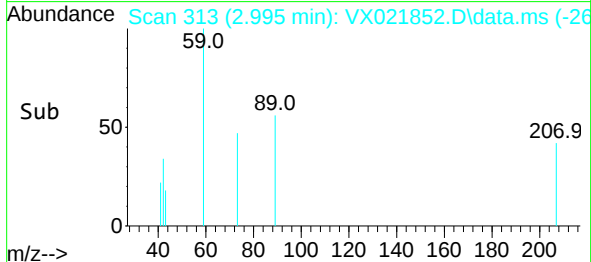
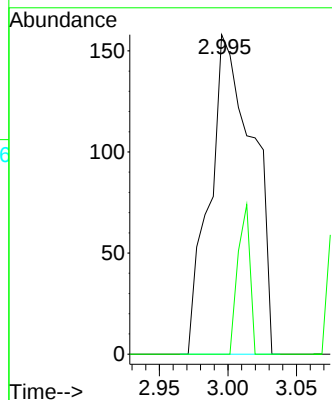


#11
Tert butyl alcohol
Concen: 0.77 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.018 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340

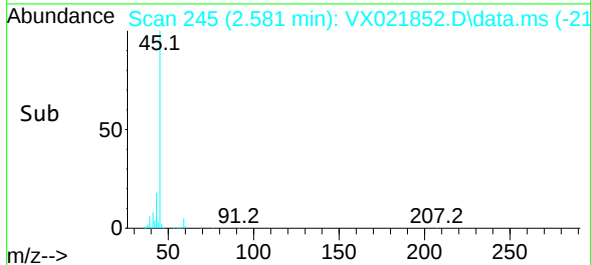
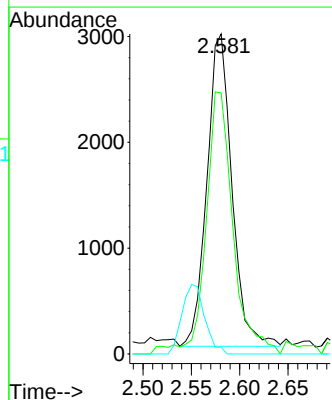
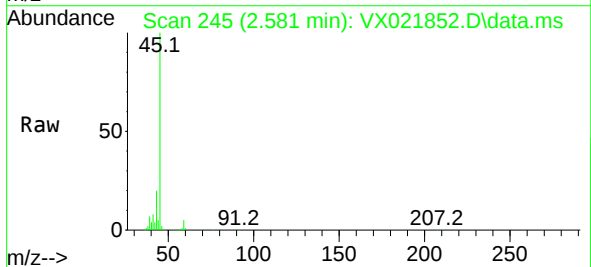


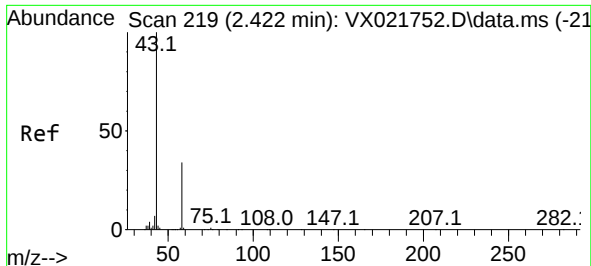
Tgt Ion: 59 Resp: 345
Ion Ratio Lower Upper
59 100
57 13.3 7.8 11.8#



#14
Allyl chloride
Concen: 1.98 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.128 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Tgt Ion: 41 Resp: 5314
Ion Ratio Lower Upper
41 100
39 90.9 51.6 77.4#
76 0.0 30.5 45.7#

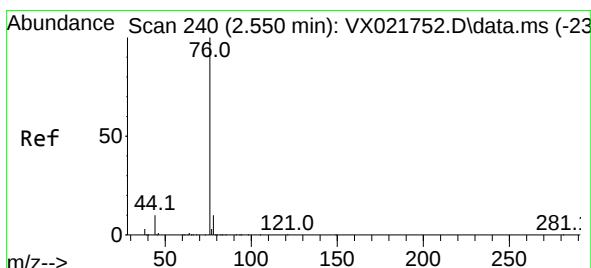
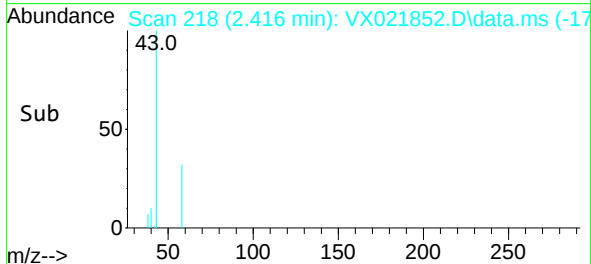
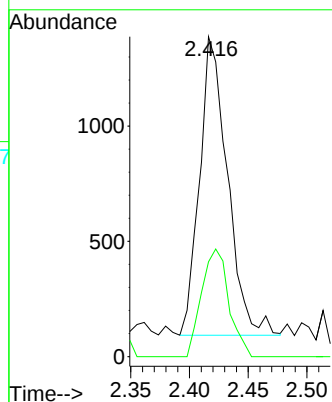
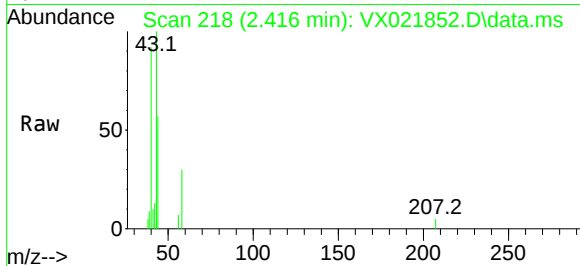




#16
Acetone
Concen: 3.04 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

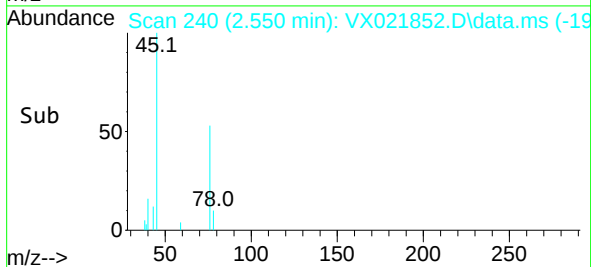
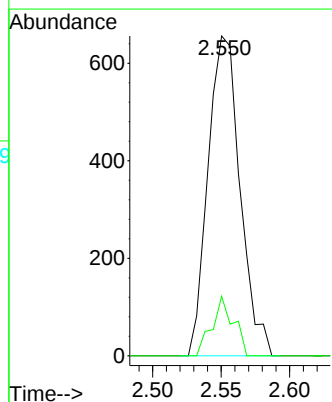
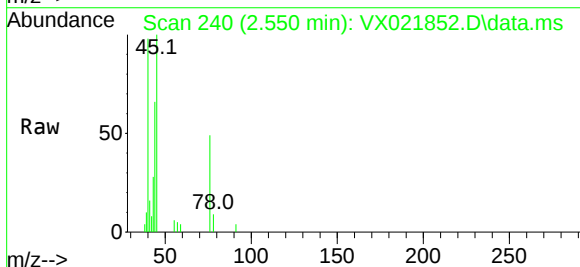
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340

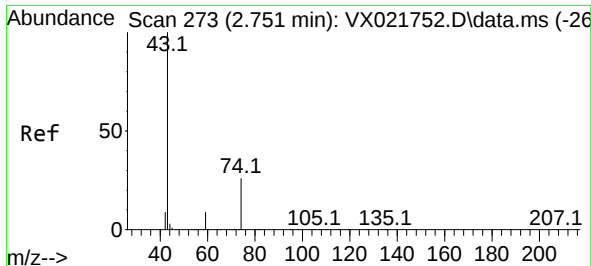
Tgt Ion: 43 Resp: 2140
Ion Ratio Lower Upper
43 100
58 31.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.22 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.000 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

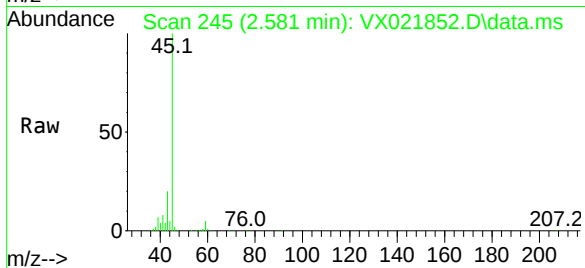
Tgt Ion: 76 Resp: 1068
Ion Ratio Lower Upper
76 100
78 18.6 7.2 10.8#



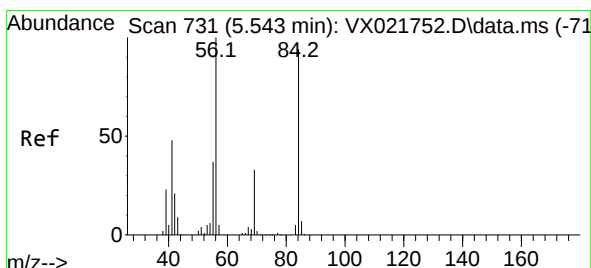
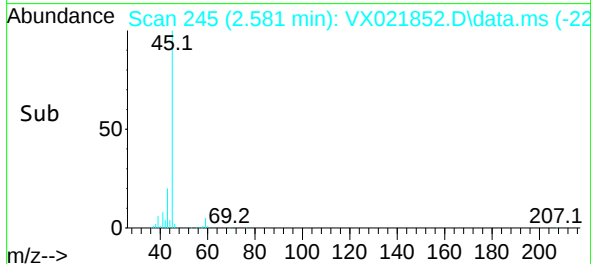
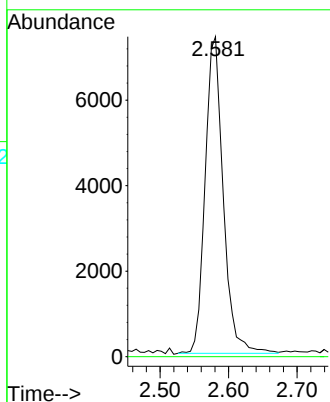


#18
Methyl Acetate
Concen: 7.12 ug/l
RT: 2.581 min Scan# 245
Delta R.T. -0.170 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340

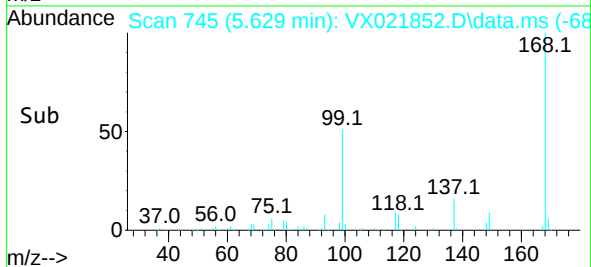
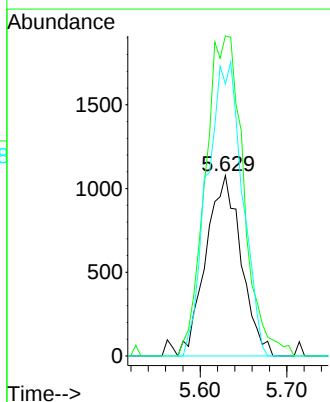
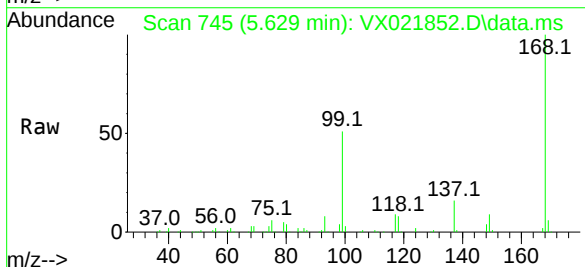


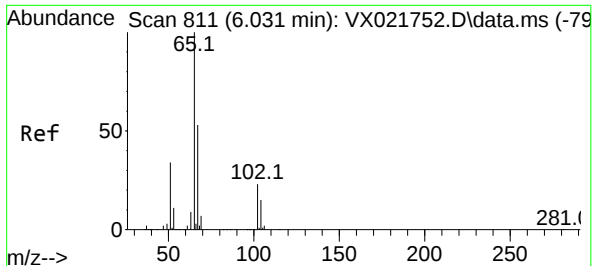
Tgt Ion: 43 Resp: 13618
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Tgt Ion: 56 Resp: 3048
Ion Ratio Lower Upper
56 100
69 177.3 25.3 37.9#
84 150.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 48.84 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021852.D

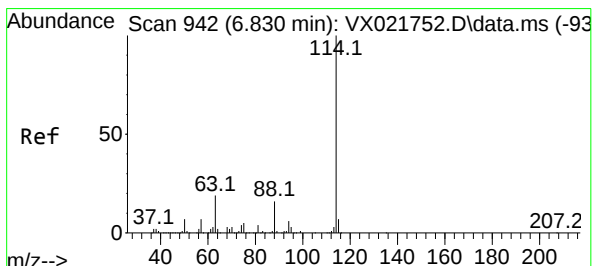
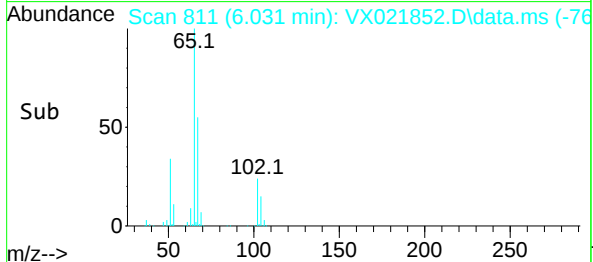
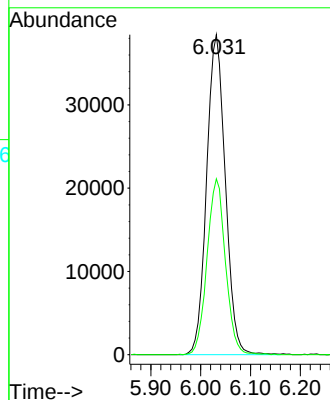
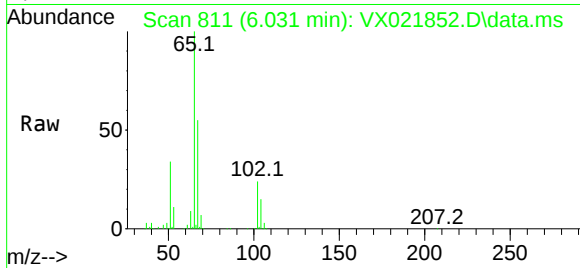
Acq: 23 Apr 2021 19:01

Tgt Ion: 65 Resp: 100157

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX021852.D

Acq: 23 Apr 2021 19:01

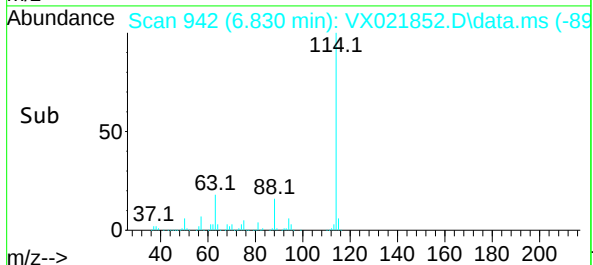
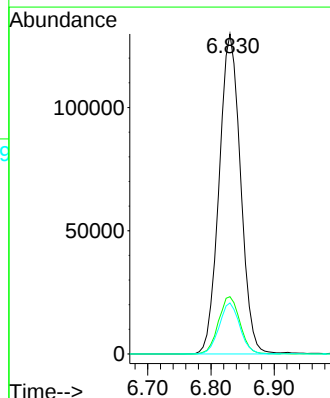
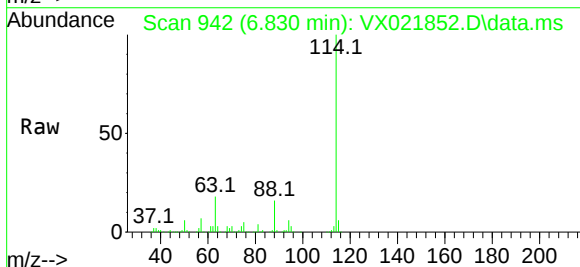
Tgt Ion: 114 Resp: 304428

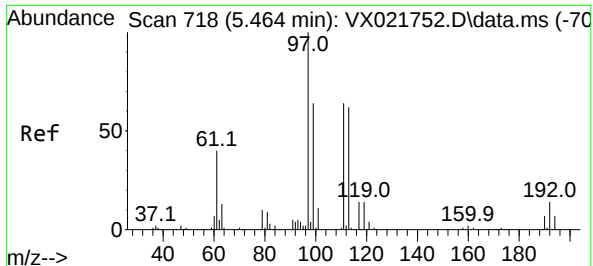
Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.8

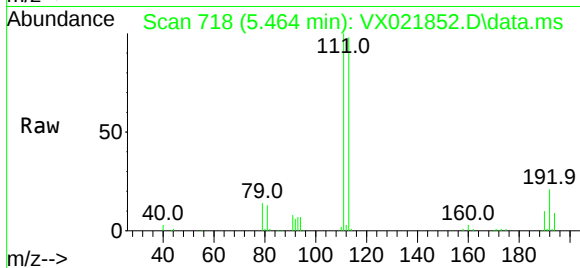
88 15.9 0.0 32.8



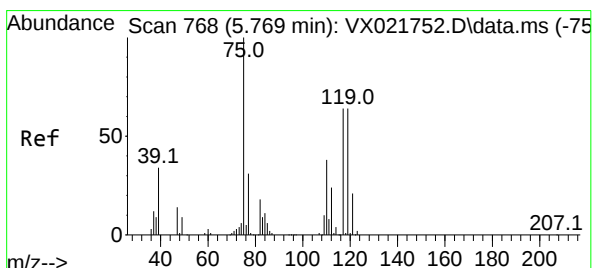
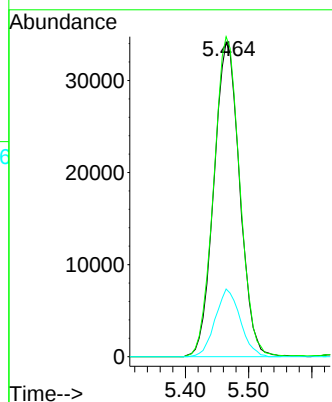
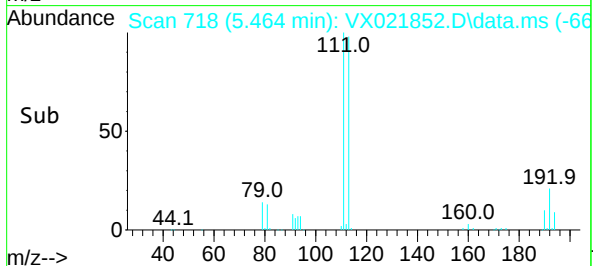


#35
Dibromofluoromethane
Concen: 49.56 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

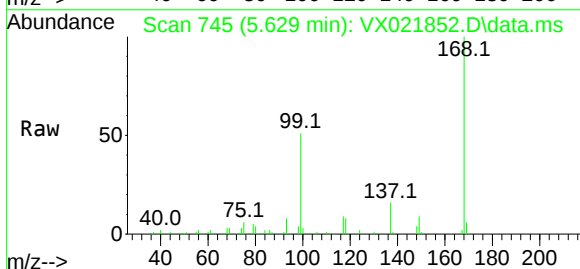
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340



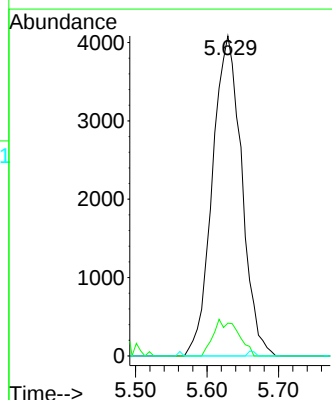
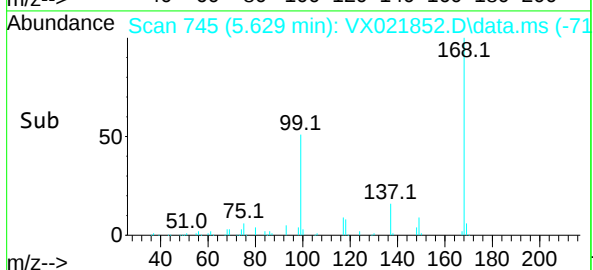
Tgt Ion:113 Resp: 96488
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.9 16.7 25.1

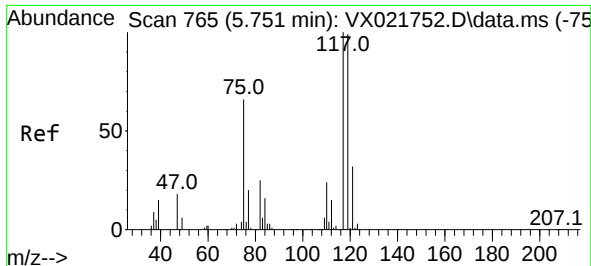


#36
1,1-Dichloropropene
Concen: 4.32 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01



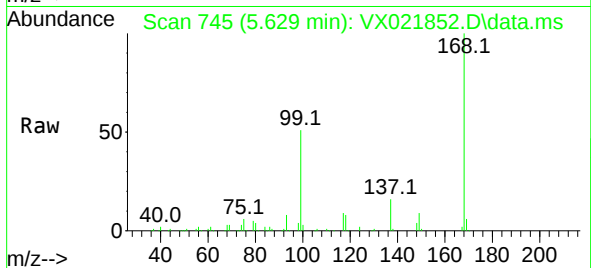
Tgt Ion: 75 Resp: 11599
Ion Ratio Lower Upper
75 100
110 9.7 18.1 54.4#
77 0.0 25.3 37.9#



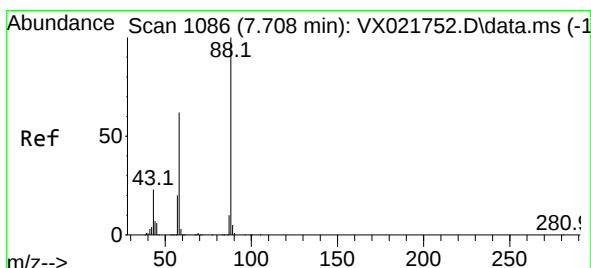
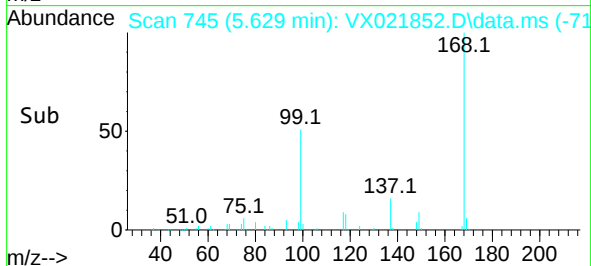
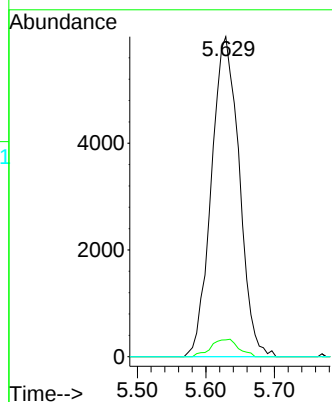


#38
Carbon Tetrachloride
Concen: 5.75 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340

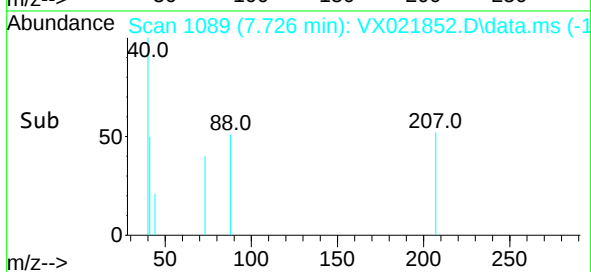
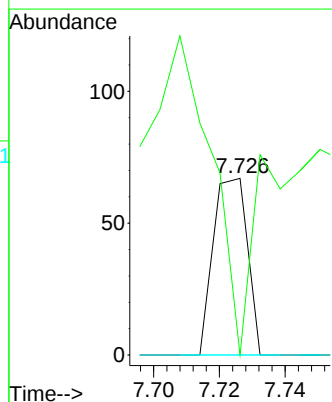
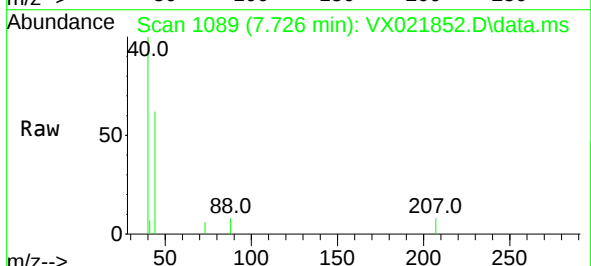


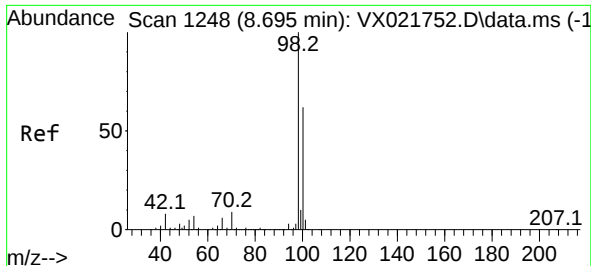
Tgt Ion: 117 Resp: 16919
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#



#49
1,4-Dioxane
Concen: 0.95 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Tgt Ion: 88 Resp: 48
Ion Ratio Lower Upper
88 100
43 343.8 23.2 34.8#
58 0.0 55.0 82.4#

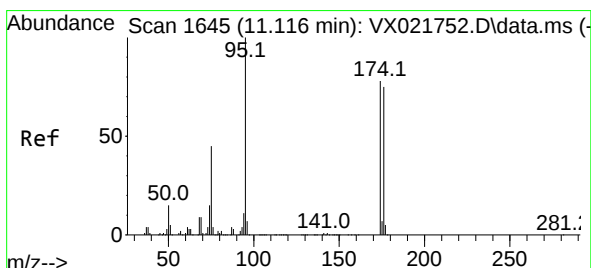
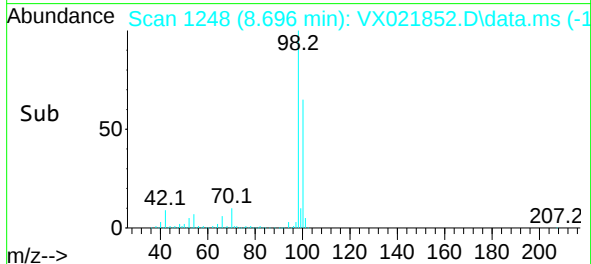
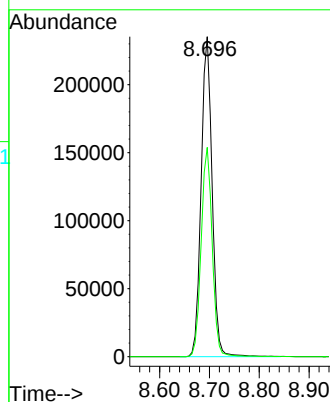
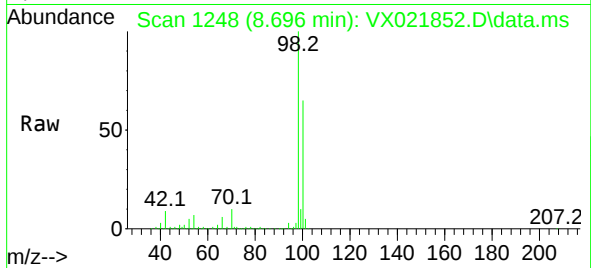




#50
Toluene-d8
Concen: 48.12 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

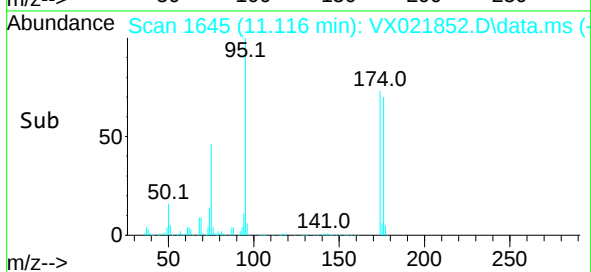
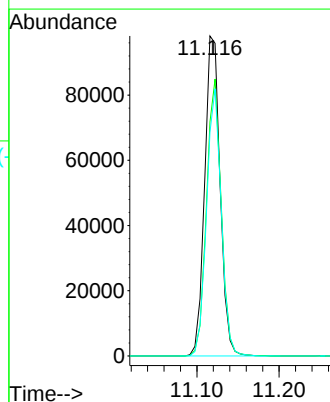
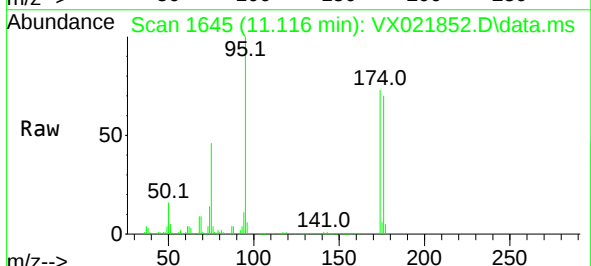
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340

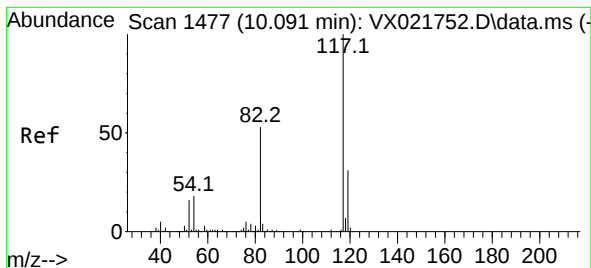
Tgt Ion: 98 Resp: 360212
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.77 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Tgt Ion: 95 Resp: 127954
Ion Ratio Lower Upper
95 100
174 82.5 0.0 154.6
176 79.6 0.0 155.8

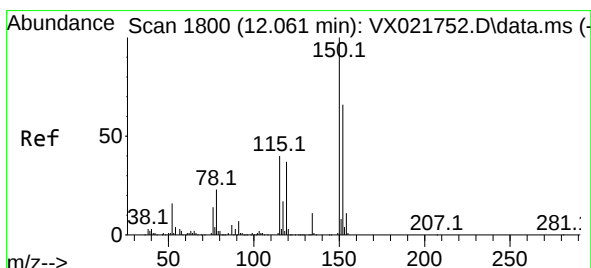
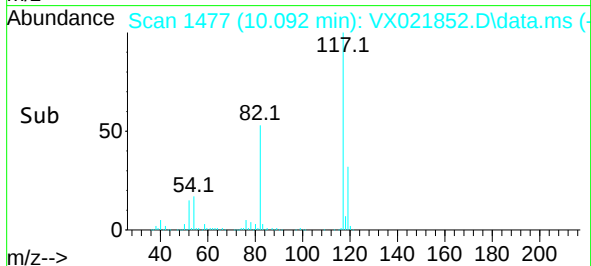
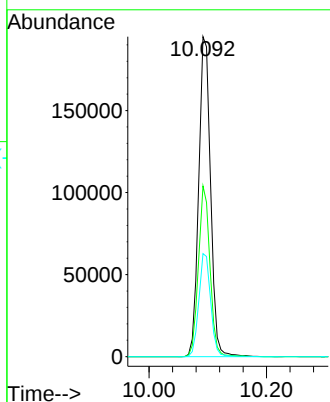
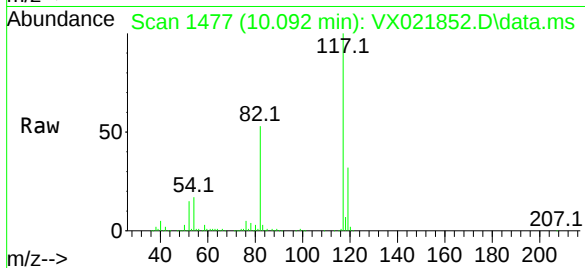




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

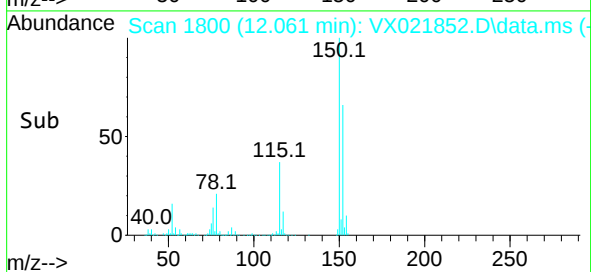
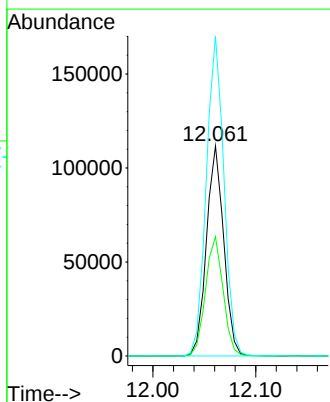
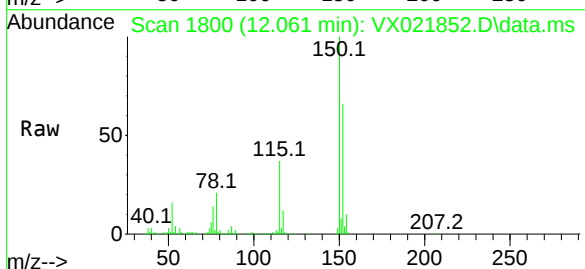
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW8-GW-338-340

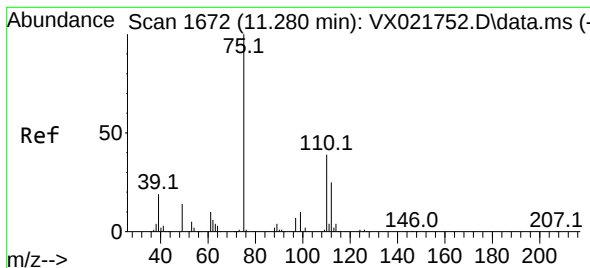
Tgt Ion:117 Resp: 273618
Ion Ratio Lower Upper
117 100
82 53.3 47.4 71.2
119 32.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX021852.D
Acq: 23 Apr 2021 19:01

Tgt Ion:152 Resp: 130420
Ion Ratio Lower Upper
152 100
115 57.8 41.1 123.3
150 155.3 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 22.56 ug/l

RT: 11.116 min Scan# 1645

Delta R.T. -0.164 min

Lab File: VX021852.D

Acq: 23 Apr 2021 19:01

Instrument :

MSVOA_X

ClientSampleId :

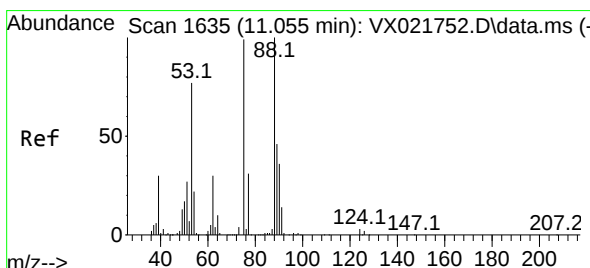
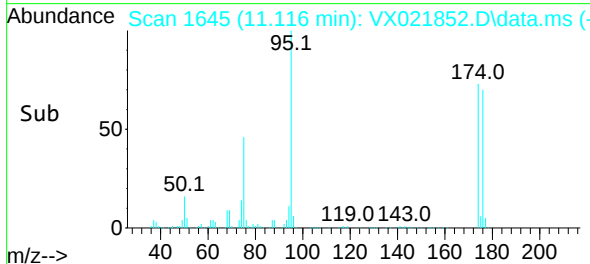
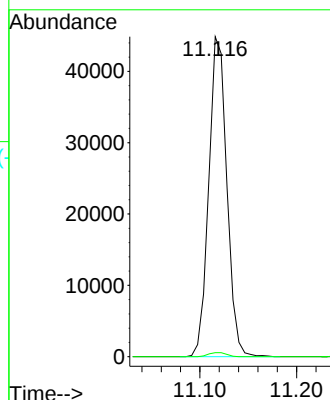
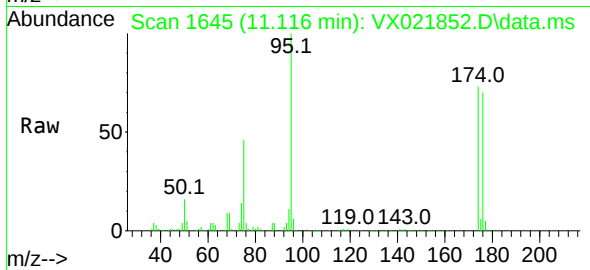
BP-VPB-RW8-GW-338-340

Tgt Ion: 75 Resp: 58344

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.88 ug/l

RT: 11.116 min Scan# 1645

Delta R.T. 0.061 min

Lab File: VX021852.D

Acq: 23 Apr 2021 19:01

Tgt Ion: 75 Resp: 58344

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

