

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090221\
 Data File : VX024075.D
 Acq On : 02 Sep 2021 17:11
 Operator : JC/MD
 Sample : M3620-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-TB-20210830

Quant Time: Sep 03 05:39:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

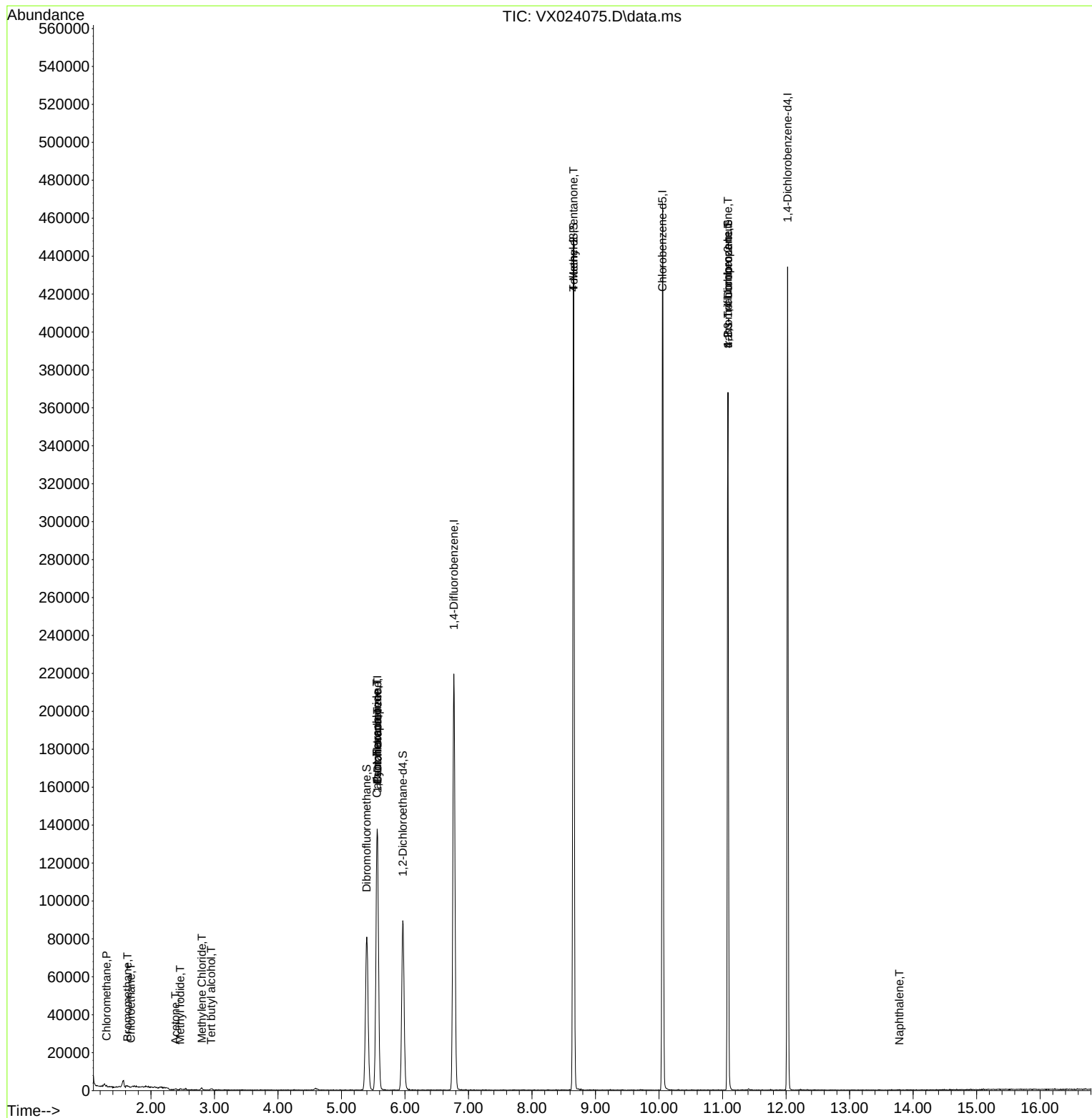
Internal Standards						
1) Pentafluorobenzene	5.562	168	128098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	217820	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	90141	50.419	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.840%			
35) Dibromofluoromethane	5.397	113	69011	47.868	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.740%			
50) Toluene-d8	8.653	98	253303	46.163	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 92.320%			
62) 4-Bromofluorobenzene	11.085	95	90705	44.904	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.800%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	305	0.206	ug/l	94
5) Bromomethane	1.630	94	436	0.479	ug/l #	75
6) Chloroethane	1.685	64	159	2.343	ug/l #	43
10) Methyl Iodide	2.459	142	681	0.380	ug/l #	83
11) Tert butyl alcohol	2.947	59	371	1.026	ug/l #	73
16) Acetone	2.386	43	651	0.814	ug/l #	71
20) Methylene Chloride	2.800	84	499	0.327	ug/l	92
31) Cyclohexane	5.562	56	2918	1.270	ug/l #	39
36) 1,1-Dichloropropene	5.568	75	10243	5.078	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13255	6.302	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1260	0.503	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	49228	24.807	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	49228	72.972	ug/l #	12
95) Naphthalene	13.786	128	171	1.309	ug/l #	69

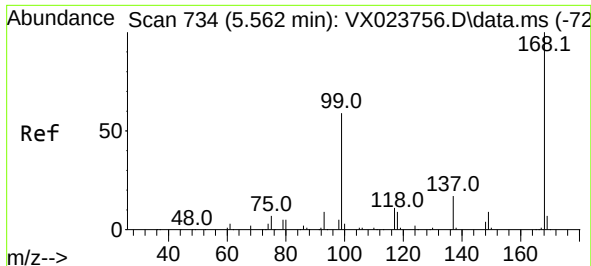
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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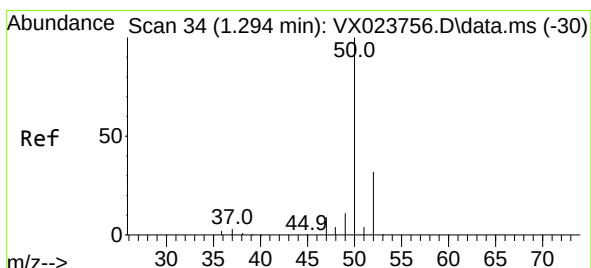
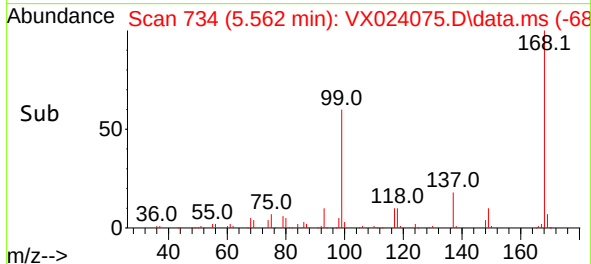
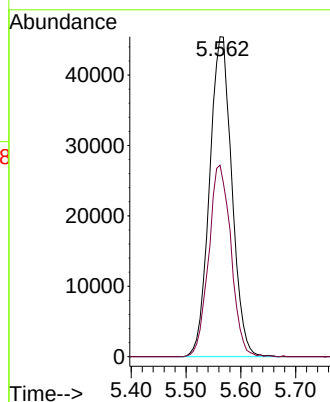
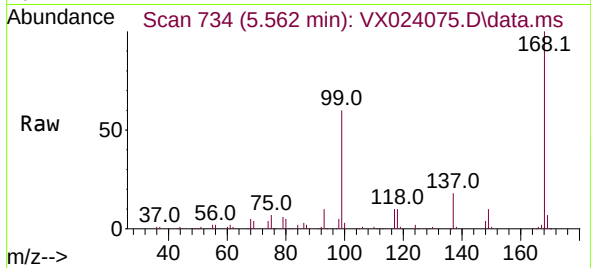




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

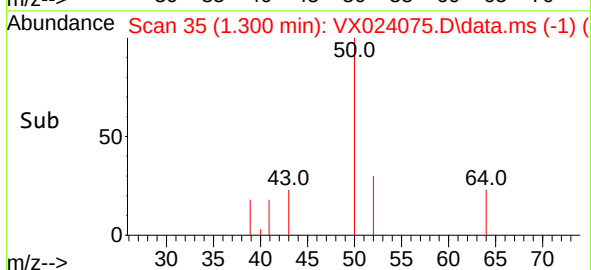
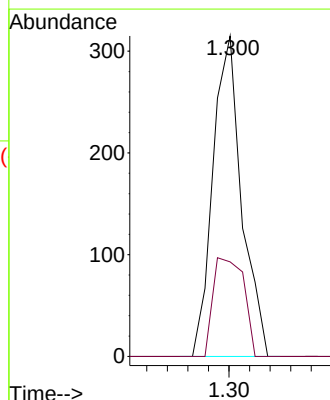
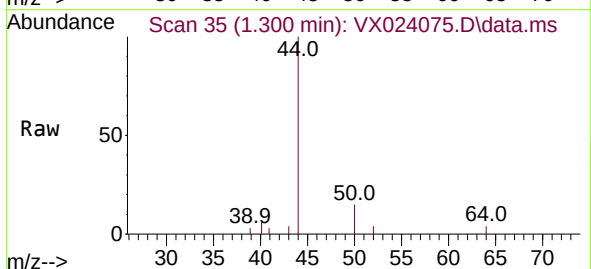
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210830

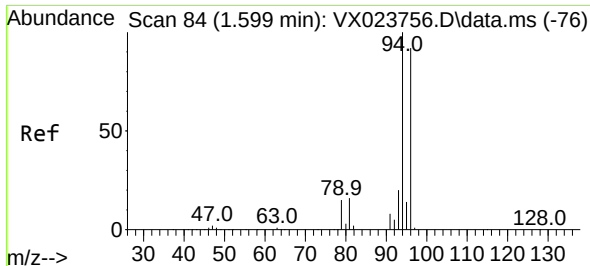
Tgt Ion:168 Resp: 128098
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#3
Chloromethane
Concen: 0.206 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion: 50 Resp: 305
Ion Ratio Lower Upper
50 100
52 29.5 26.4 39.6

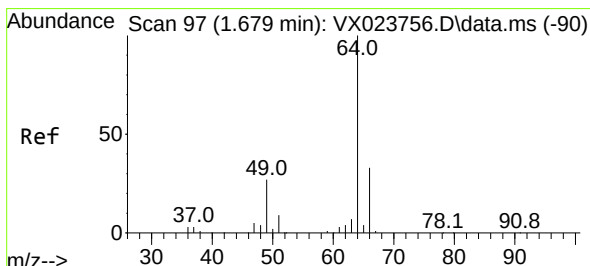
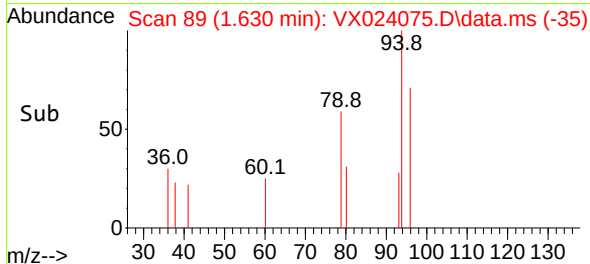
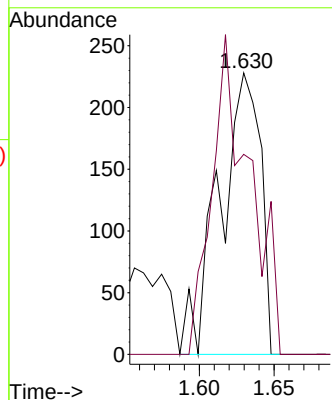
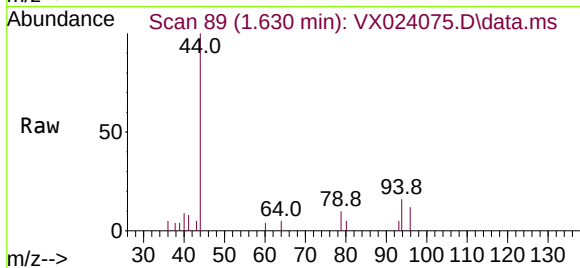




#5
Bromomethane
Concen: 0.479 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

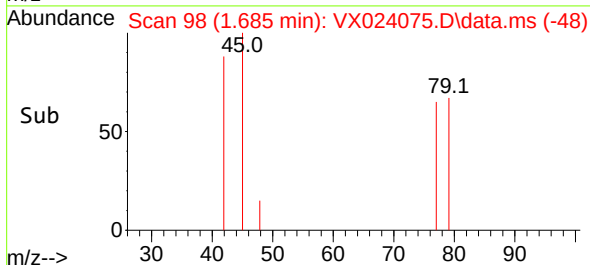
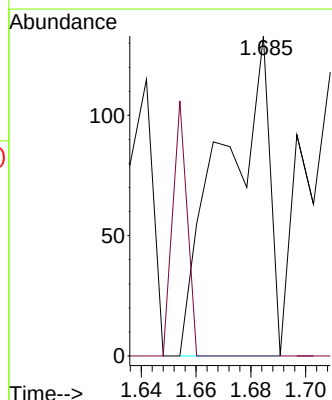
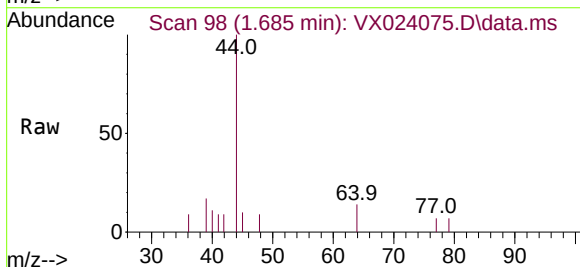
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210830

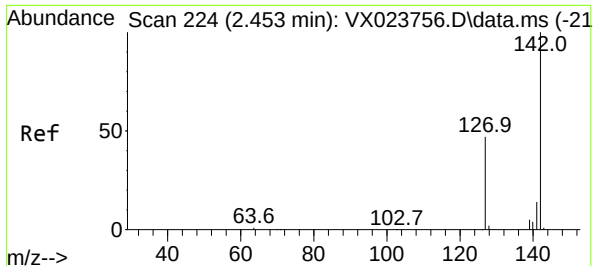
Tgt Ion: 94 Resp: 436
Ion Ratio Lower Upper
94 100
96 71.1 76.4 114.6#



#6
Chloroethane
Concen: 2.343 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion: 64 Resp: 159
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

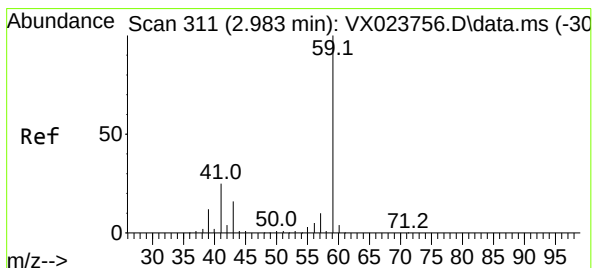
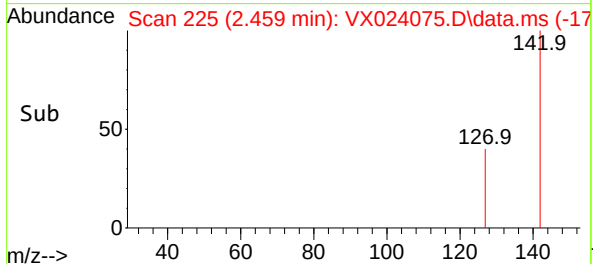
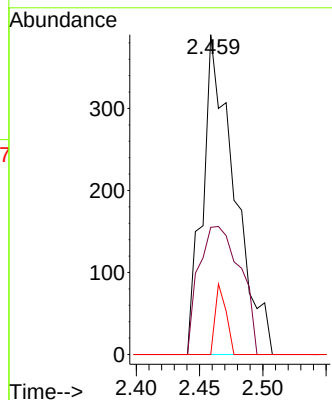
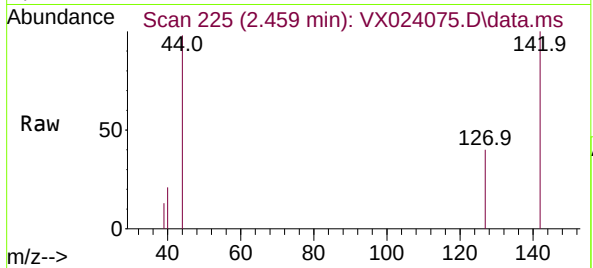




#10
Methyl Iodide
Concen: 0.380 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

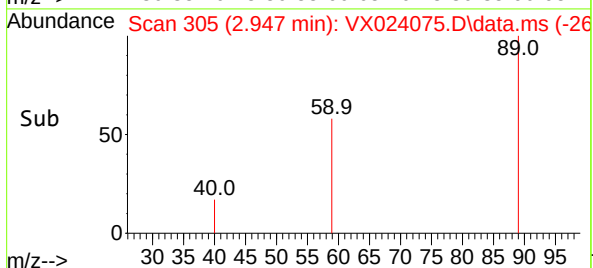
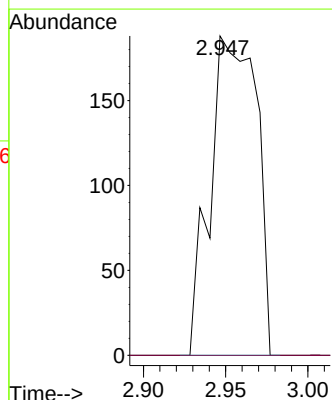
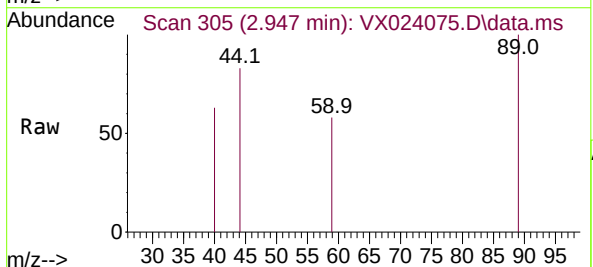
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210830

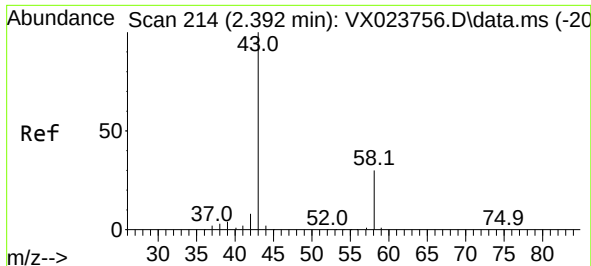
Tgt Ion:142 Resp: 681
Ion Ratio Lower Upper
142 100
127 52.3 33.3 49.9#
141 7.5 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.026 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion: 59 Resp: 371
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

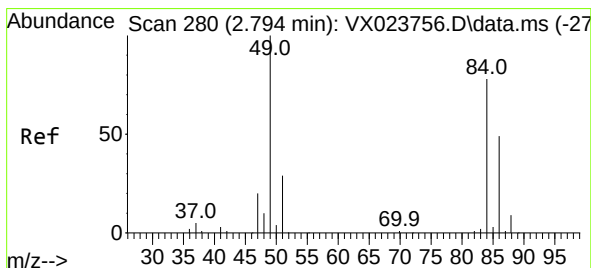
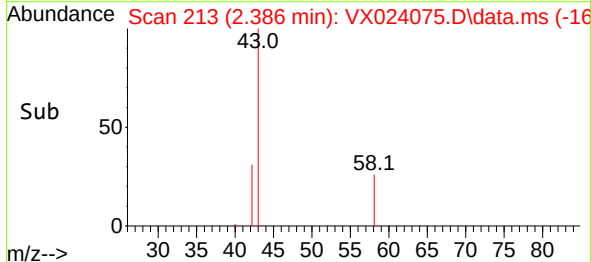
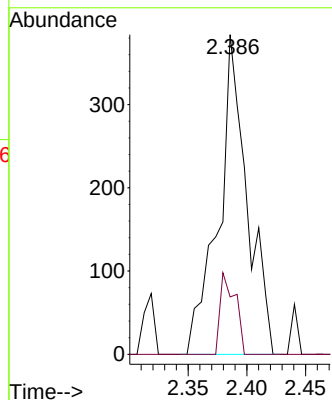
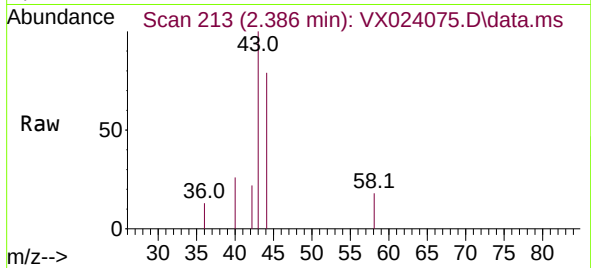




#16
Acetone
Concen: 0.814 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

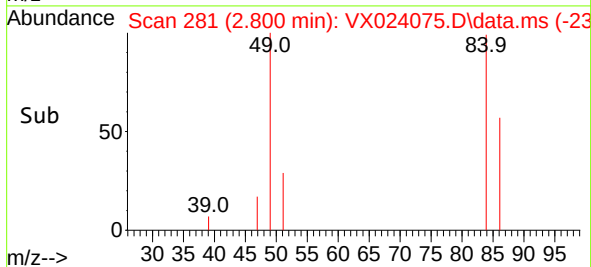
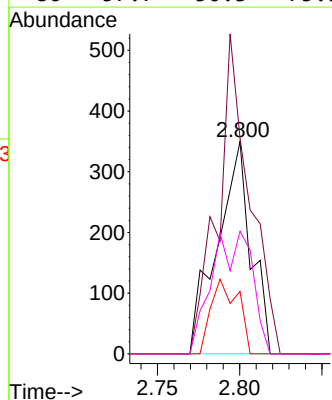
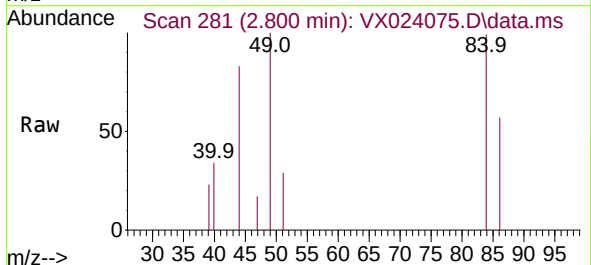
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210830

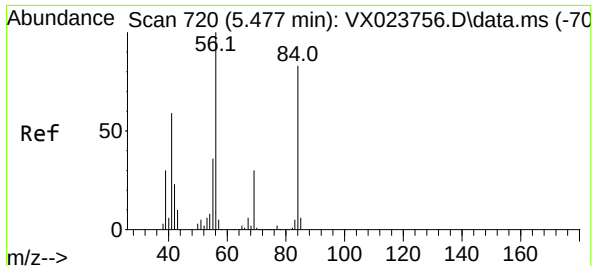
Tgt Ion: 43 Resp: 651
Ion Ratio Lower Upper
43 100
58 18.0 27.8 41.8#



#20
Methylene Chloride
Concen: 0.327 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion: 84 Resp: 499
Ion Ratio Lower Upper
84 100
49 101.4 88.6 132.8
51 29.4 27.0 40.6
86 57.7 50.3 75.5





#31

Cyclohexane

Concen: 1.270 ug/l

RT: 5.562 min Scan# 734

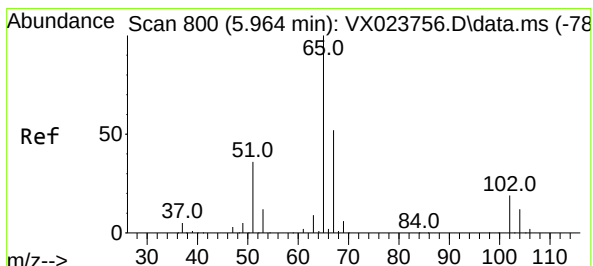
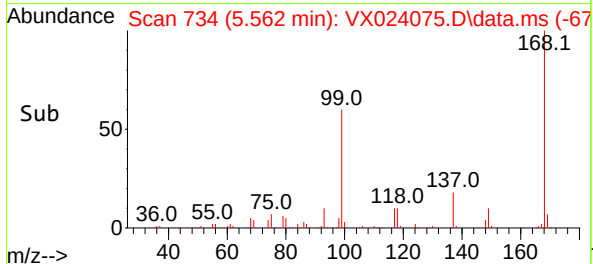
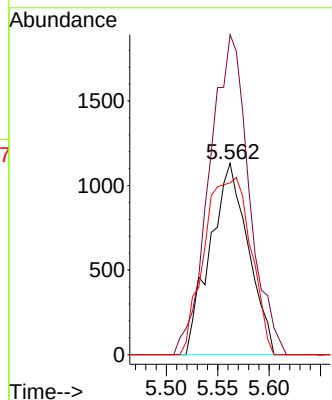
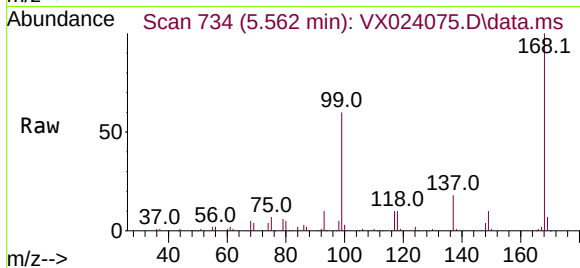
Delta R.T. 0.085 min

Lab File: VX024075.D

Acq: 02 Sep 2021 17:11

Tgt Ion: 56 Resp: 2918

Ion	Ratio	Lower	Upper
56	100		
69	160.4	25.3	37.9#
84	89.8	71.4	107.0



#33

1,2-Dichloroethane-d4

Concen: 50.419 ug/l

RT: 5.964 min Scan# 800

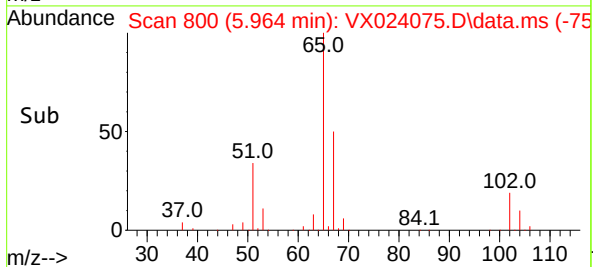
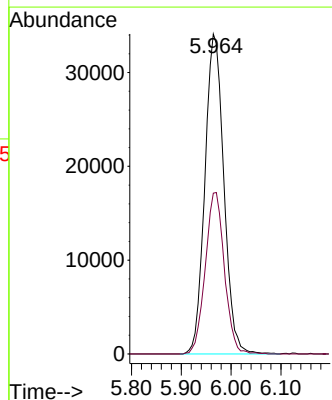
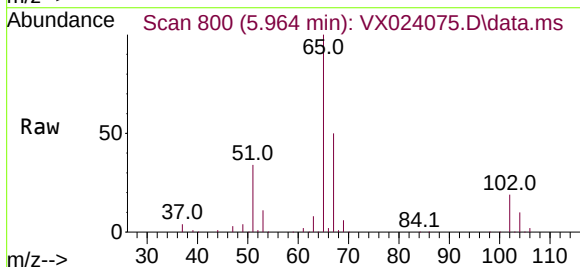
Delta R.T. 0.000 min

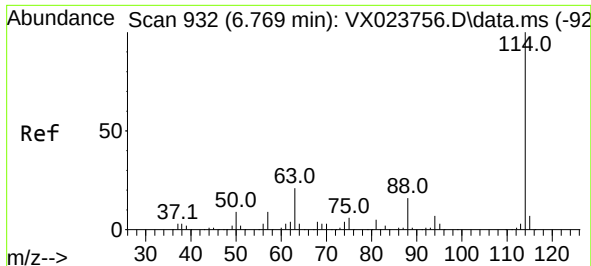
Lab File: VX024075.D

Acq: 02 Sep 2021 17:11

Tgt Ion: 65 Resp: 90141

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	105.4

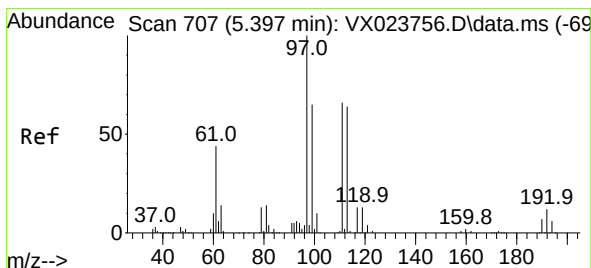
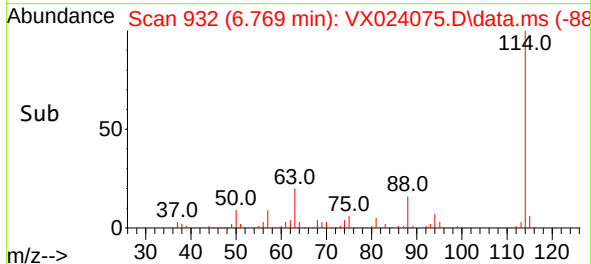
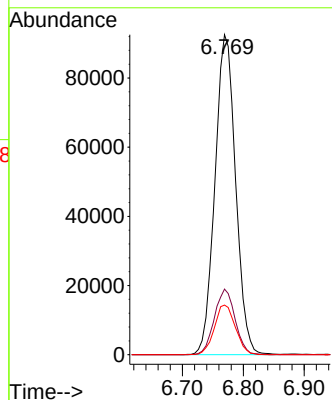
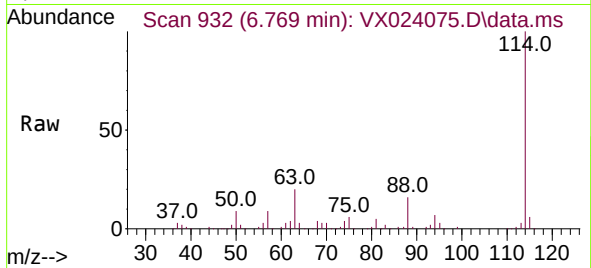




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

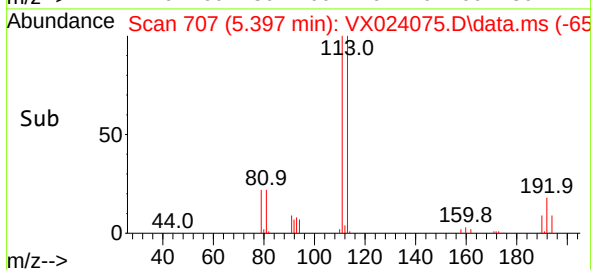
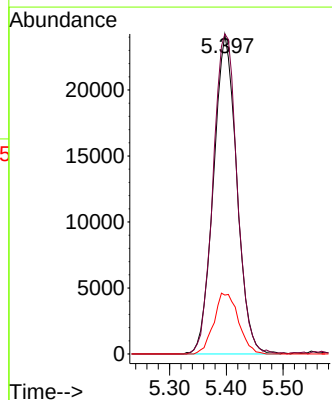
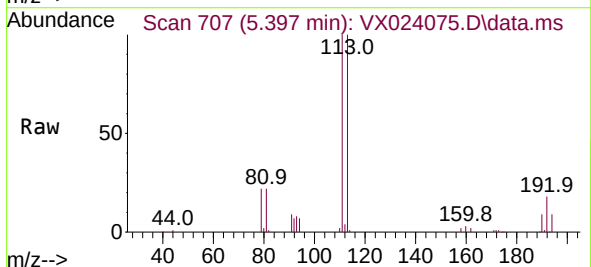
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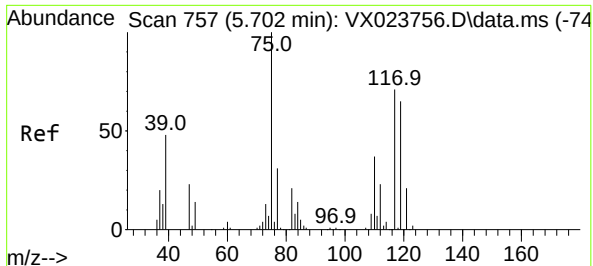
Tgt Ion:114 Resp: 217820
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.868 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion:113 Resp: 69011
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.1 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.078 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX024075.D

Acq: 02 Sep 2021 17:11

Tgt Ion: 75 Resp: 10243

Ion Ratio Lower Upper

75 100

110 10.3 18.1 54.4#

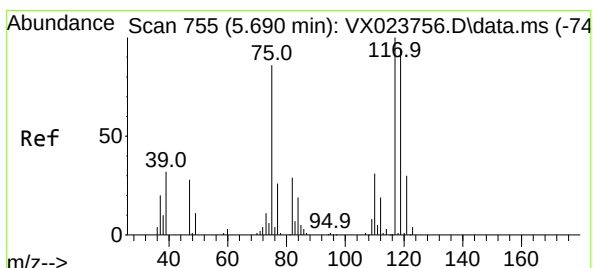
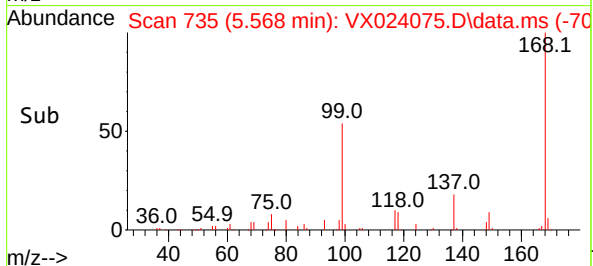
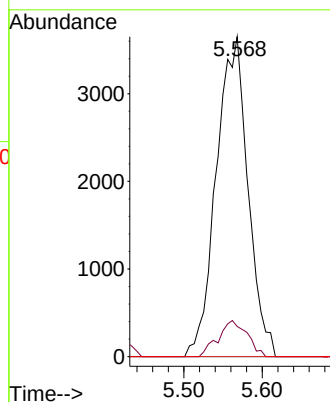
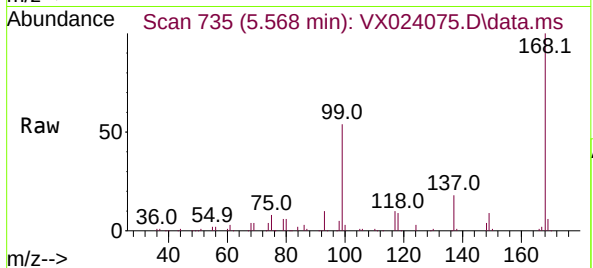
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-VPB-RW7-TB-20210830



#38

Carbon Tetrachloride

Concen: 6.302 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX024075.D

Acq: 02 Sep 2021 17:11

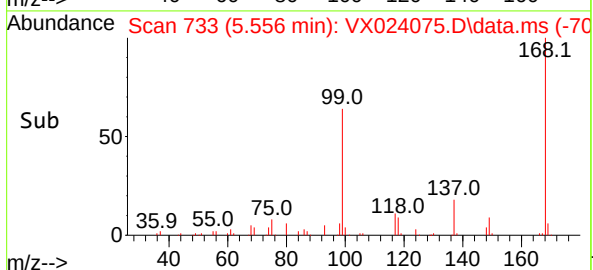
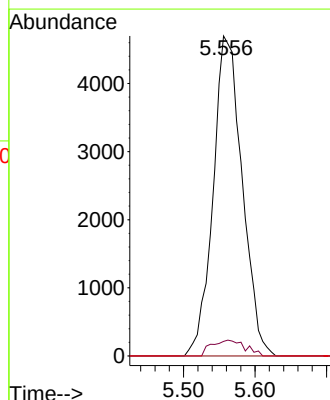
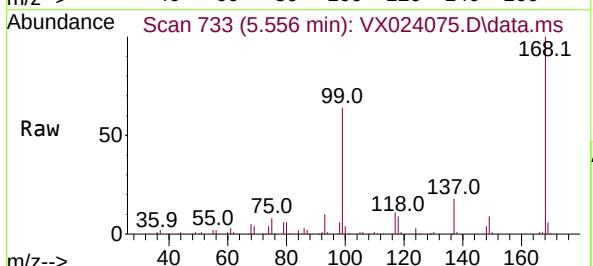
Tgt Ion: 117 Resp: 13255

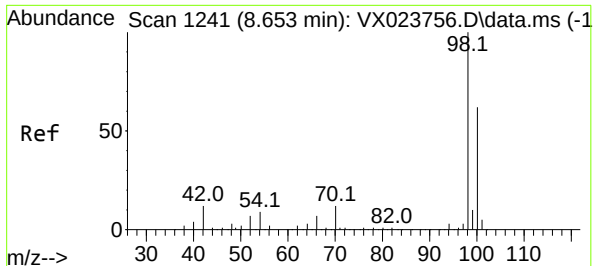
Ion Ratio Lower Upper

117 100

119 4.6 76.2 114.2#

121 0.0 24.8 37.2#

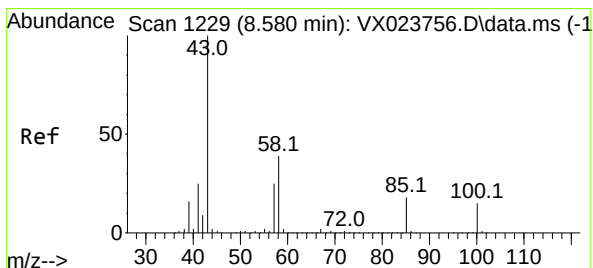
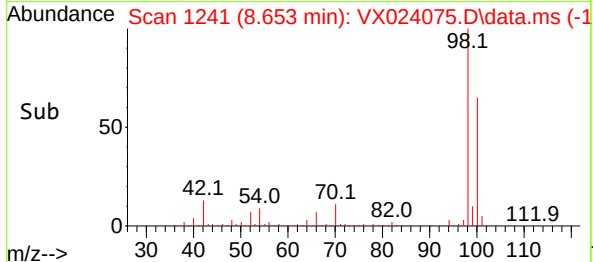
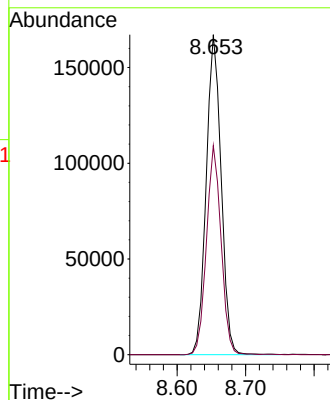
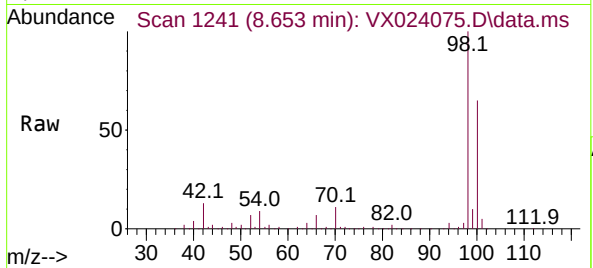




#50
Toluene-d8
Concen: 46.163 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

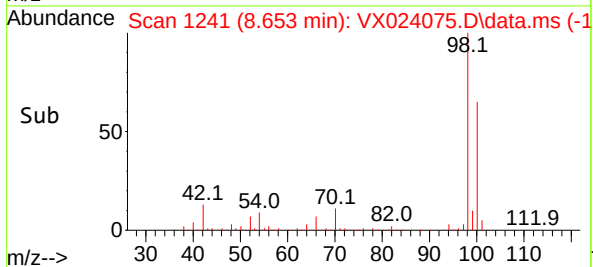
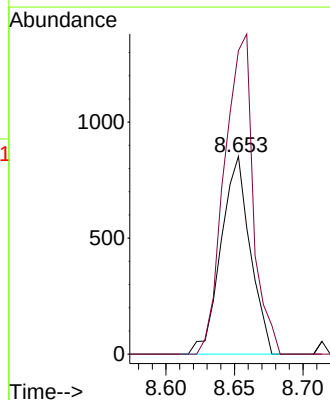
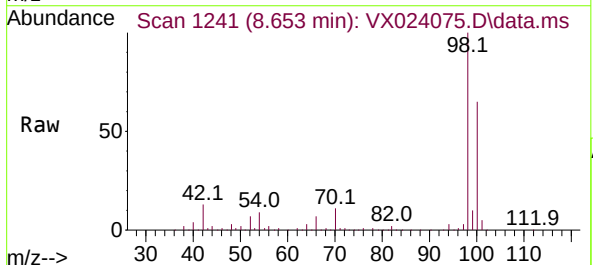
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210830

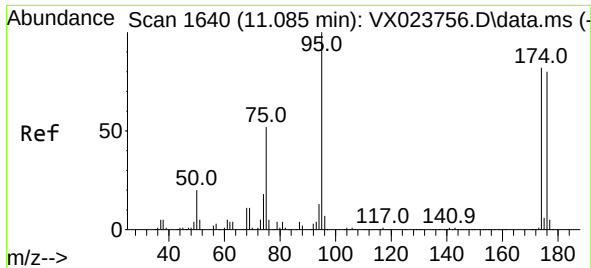
Tgt Ion: 98 Resp: 253303
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 160.0 35.4 53.0#

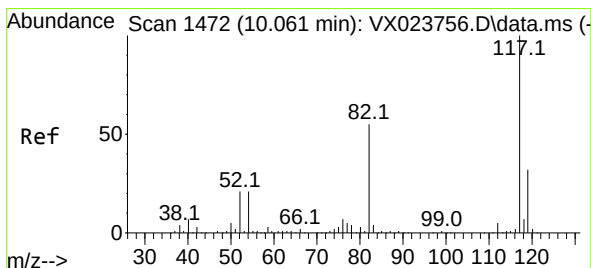
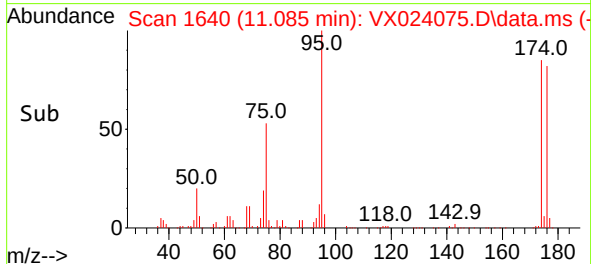
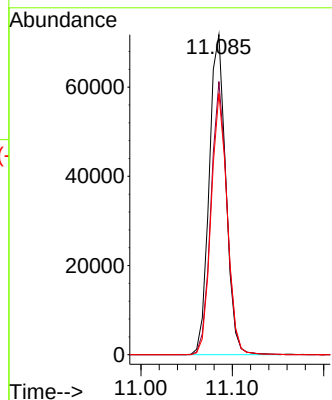
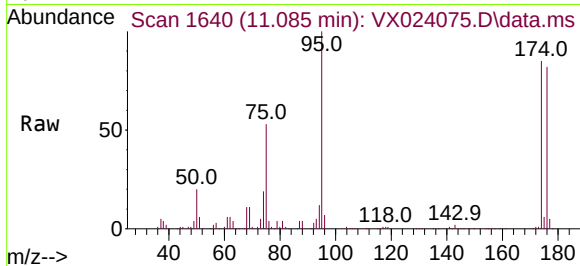




#62
4-Bromofluorobenzene
Concen: 44.904 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

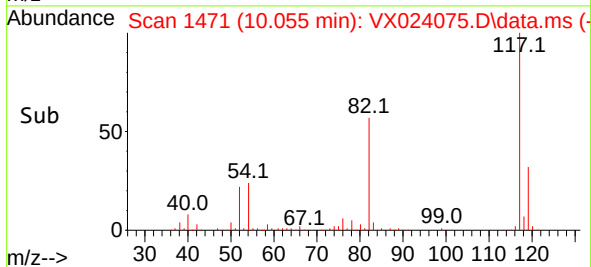
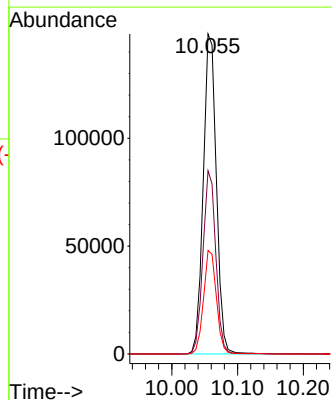
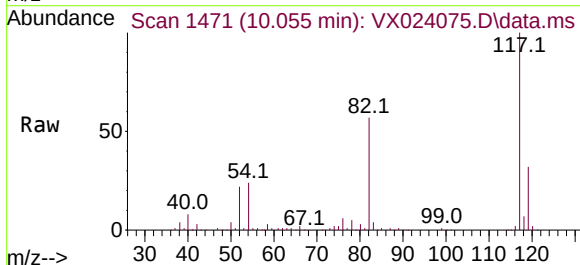
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210830

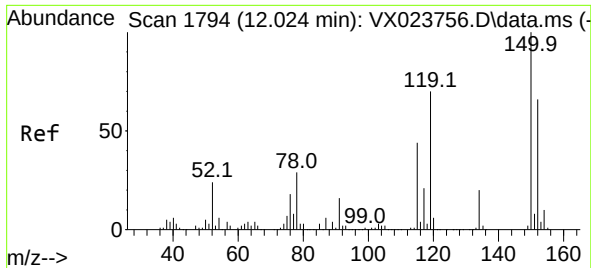
Tgt Ion: 95 Resp: 90705
Ion Ratio Lower Upper
95 100
174 82.1 0.0 154.6
176 79.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion: 117 Resp: 205569
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 32.3 26.6 39.8

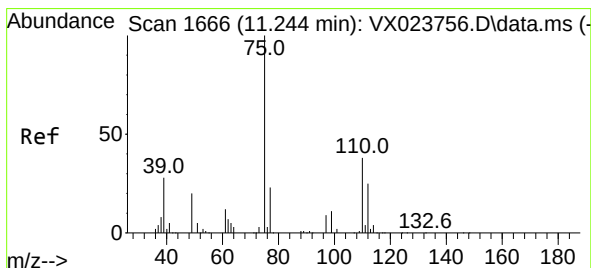
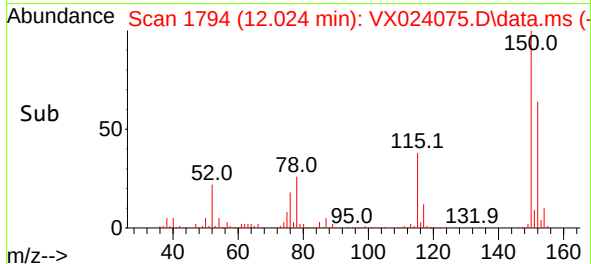
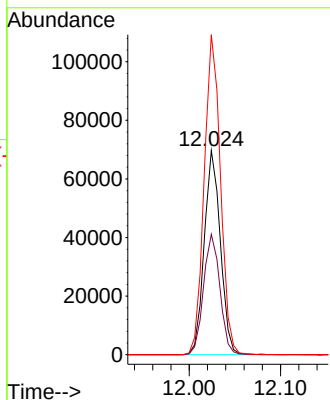
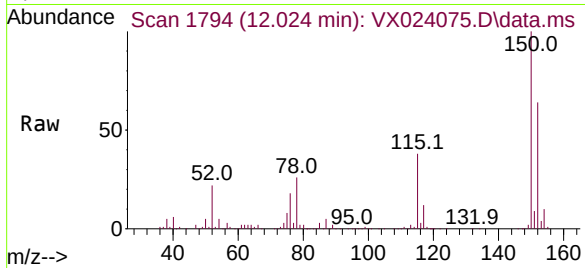




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024075.D
 Acq: 02 Sep 2021 17:11

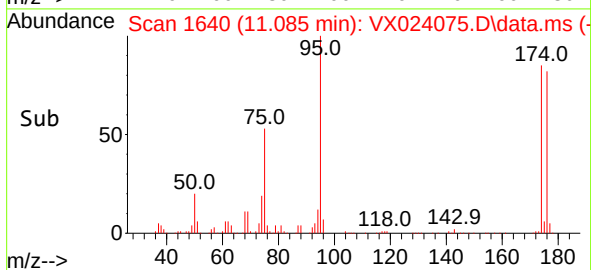
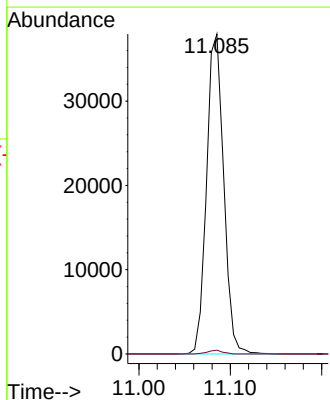
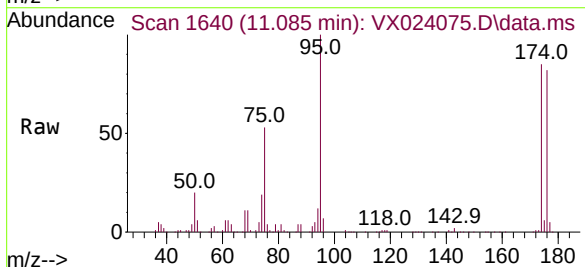
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-VPB-RW7-TB-20210830

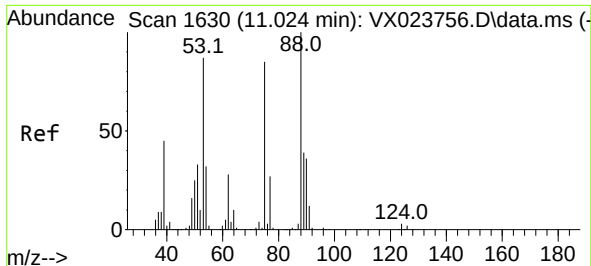
Tgt Ion:152 Resp: 85068
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 158.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.807 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX024075.D
 Acq: 02 Sep 2021 17:11

Tgt Ion: 75 Resp: 49228
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

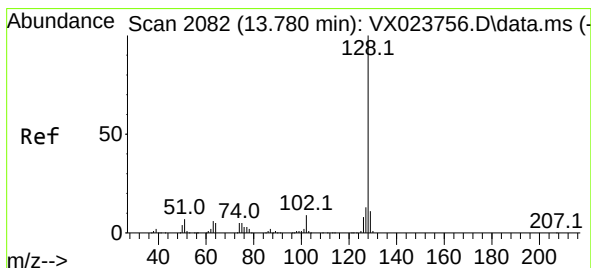
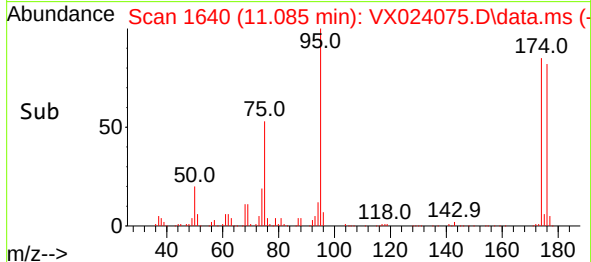
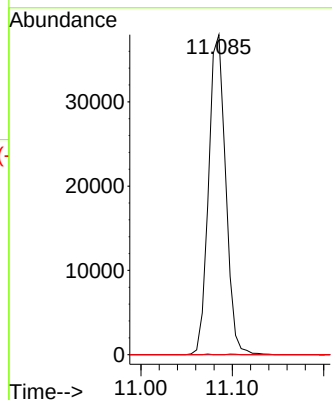
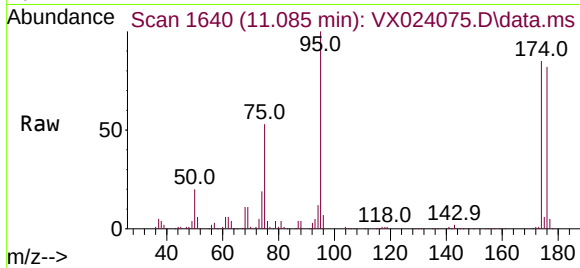




#81
trans-1,4-Dichloro-2-butene
Concen: 72.972 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-VPB-RW7-TB-20210830

Tgt Ion: 75 Resp: 49228
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.309 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024075.D
Acq: 02 Sep 2021 17:11

Tgt Ion: 128 Resp: 171
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

