

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023849.D
 Acq On : 19 Aug 2021 19:45
 Operator : JC/MD
 Sample : M3483-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-TB-20210816

Quant Time: Aug 20 03:15:43 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)

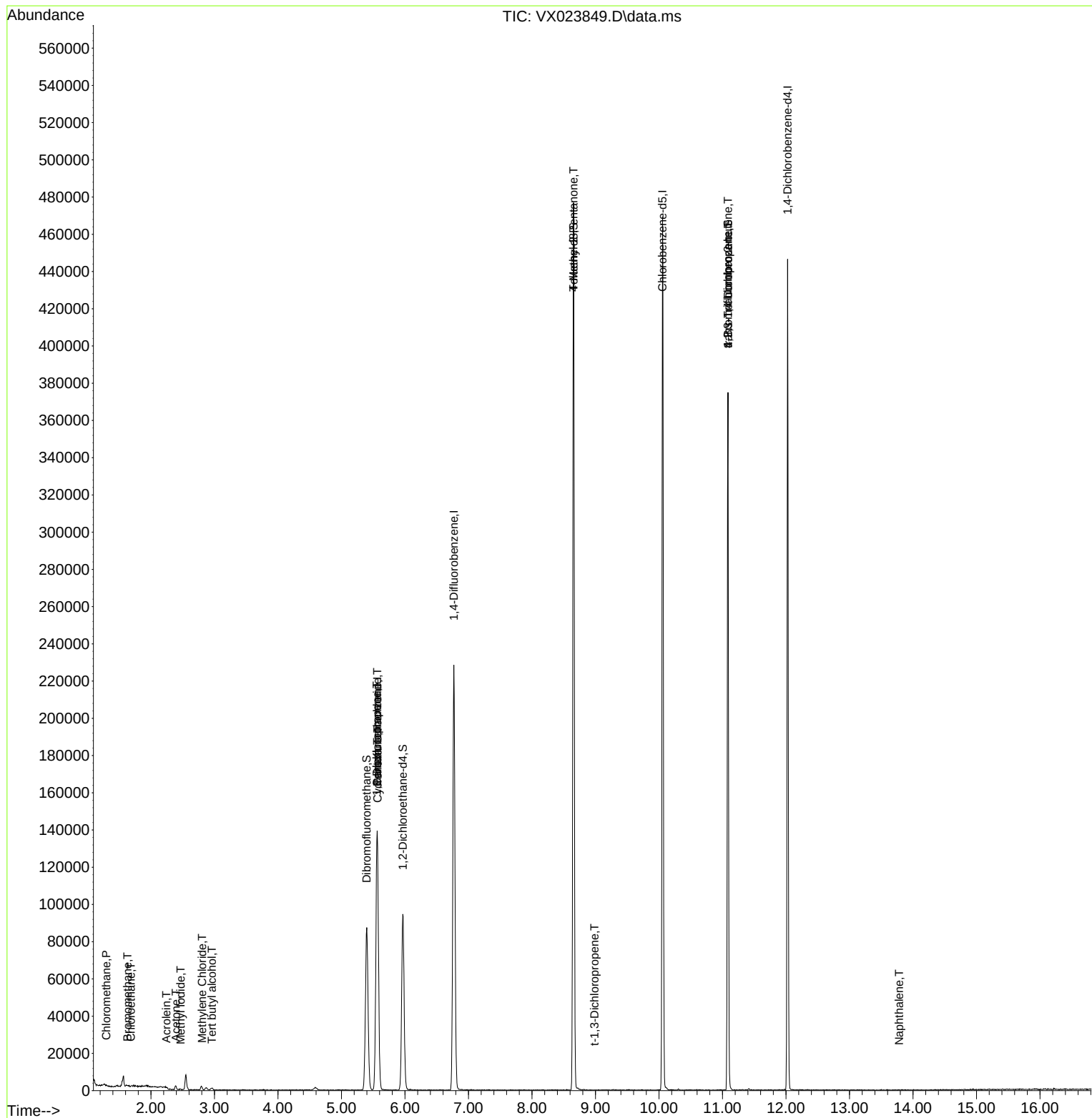
Internal Standards						
1) Pentafluorobenzene	5.562	168	131481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	224388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94265	51.369	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.740%	
35) Dibromofluoromethane	5.397	113	73404	49.425	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.840%	
50) Toluene-d8	8.653	98	276775	48.964	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.920%	
62) 4-Bromofluorobenzene	11.085	95	93316	44.844	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.680%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	406	0.267	ug/l	99
5) Bromomethane	1.630	94	622	0.666	ug/l #	60
6) Chloroethane	1.685	64	157	2.338	ug/l #	43
10) Methyl Iodide	2.465	142	467	0.254	ug/l #	86
11) Tert butyl alcohol	2.959	59	810	2.183	ug/l #	73
13) Acrolein	2.240	56	101	0.457	ug/l #	76
16) Acetone	2.392	43	2411	2.938	ug/l #	75
20) Methylene Chloride	2.806	84	956	0.610	ug/l #	57
31) Cyclohexane	5.568	56	2960	1.256	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	10463	5.035	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13309	6.142	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1418	0.549	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	38	2.151	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	51391	25.225	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	51391	74.200	ug/l #	12
95) Naphthalene	13.780	128	87	1.296	ug/l #	69

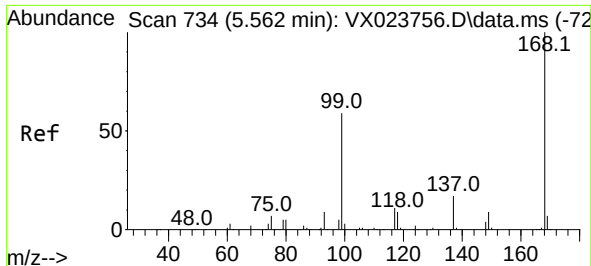
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 17 11:57:51 2021
Response via : Initial Calibration

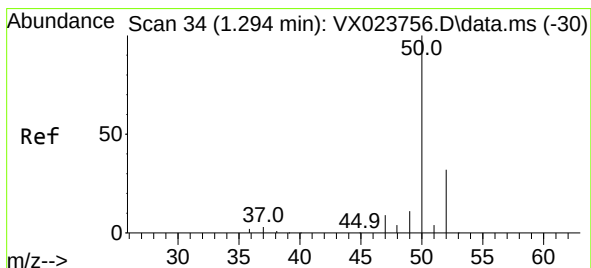
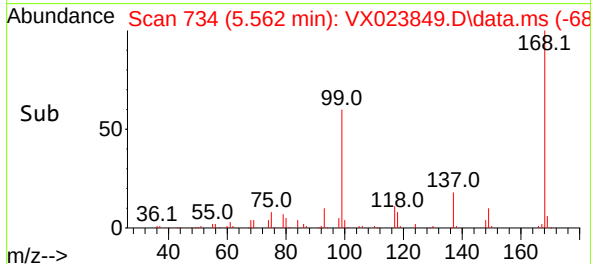
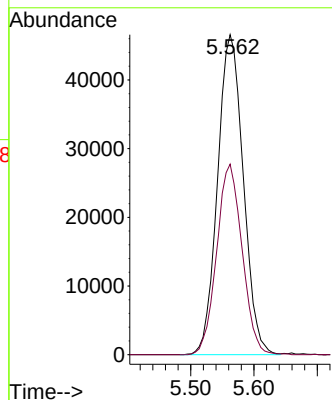
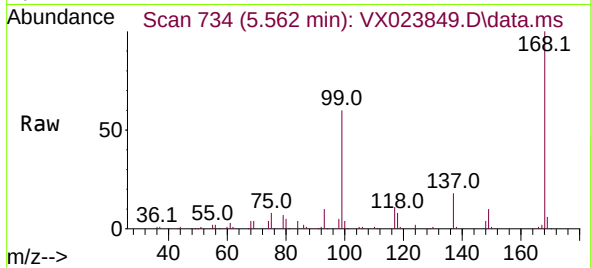




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

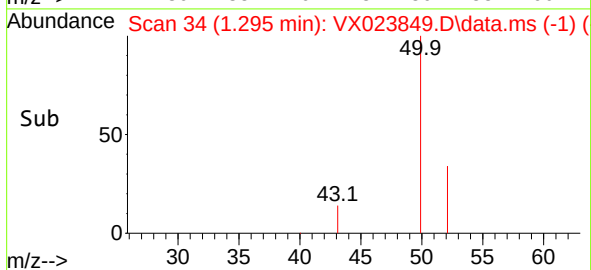
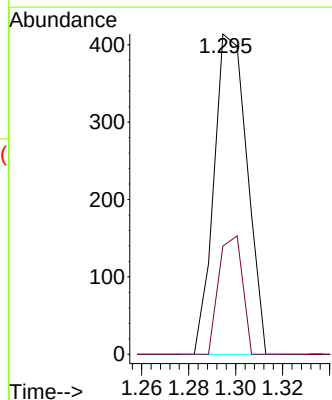
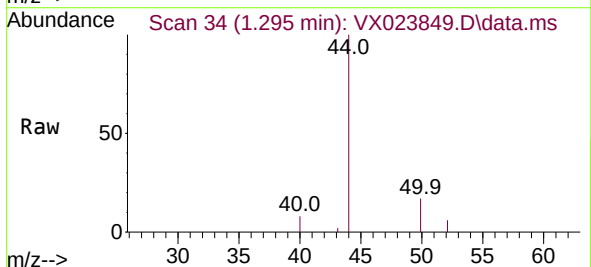
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

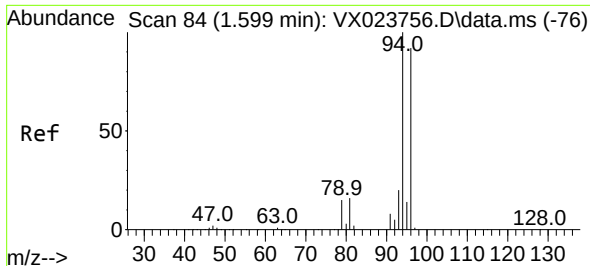
Tgt Ion:168 Resp: 131481
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#3
Chloromethane
Concen: 0.267 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

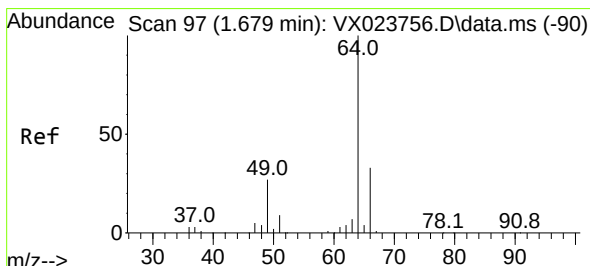
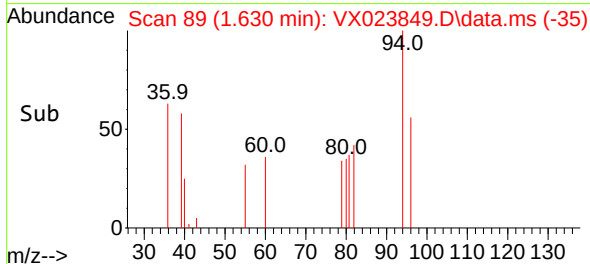
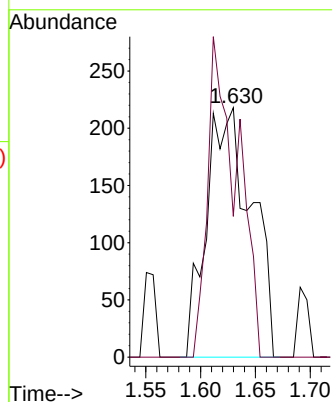
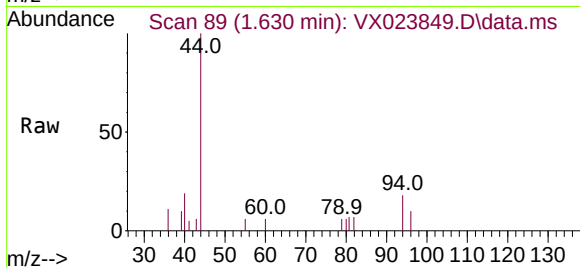




#5
Bromomethane
Concen: 0.666 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

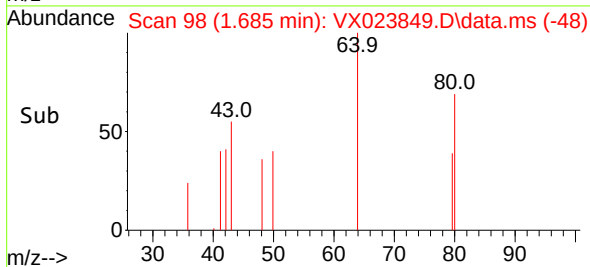
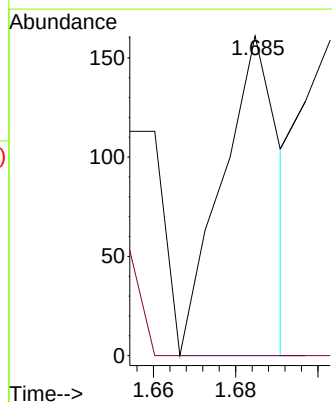
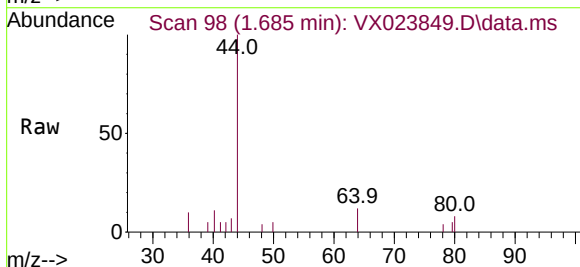
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

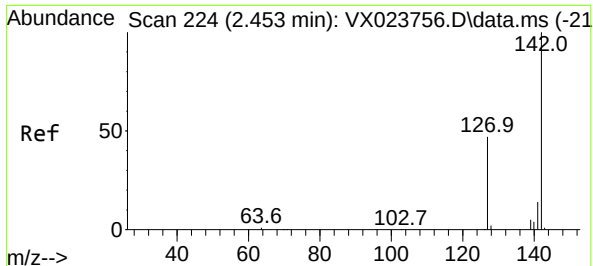
Tgt Ion: 94 Resp: 622
Ion Ratio Lower Upper
94 100
96 56.4 76.4 114.6#



#6
Chloroethane
Concen: 2.338 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 64 Resp: 157
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

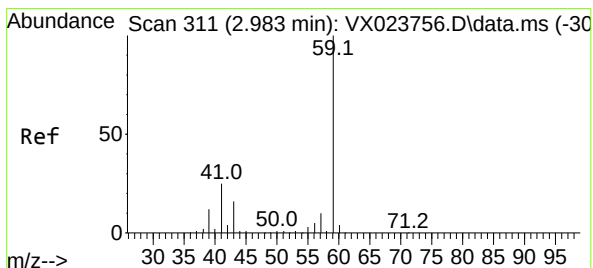
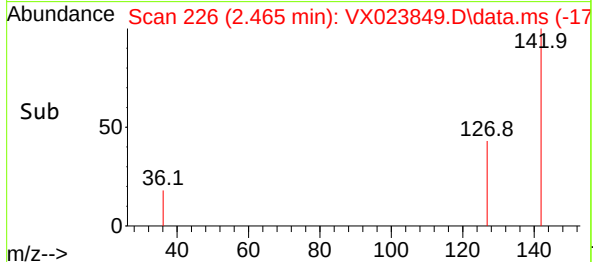
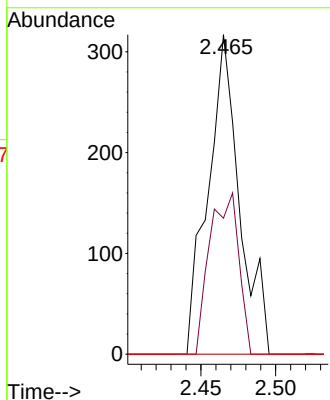
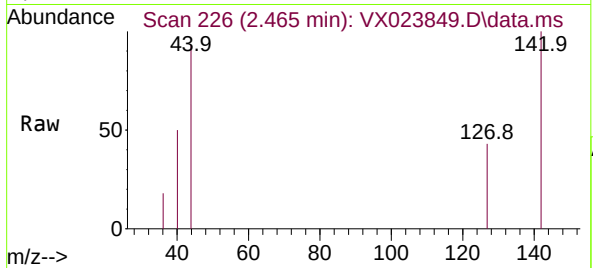




#10
Methyl Iodide
Concen: 0.254 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

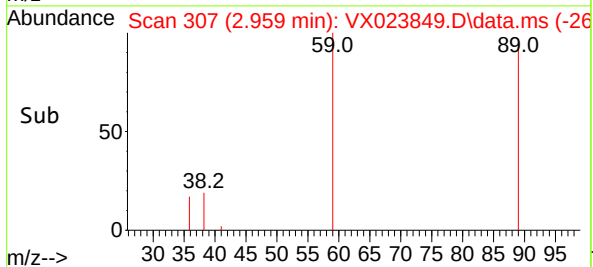
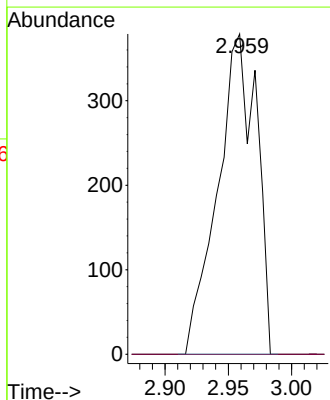
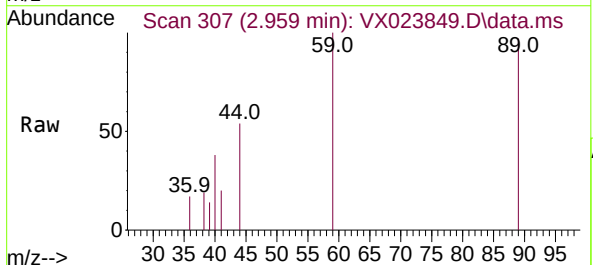
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

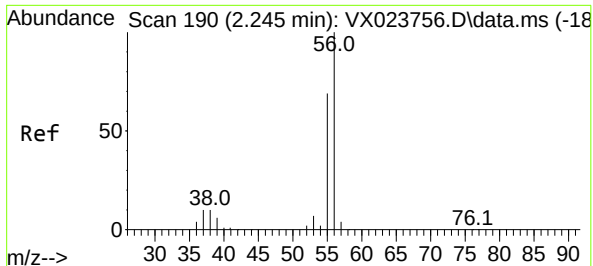
Tgt Ion:142 Resp: 467
Ion Ratio Lower Upper
142 100
127 46.3 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.183 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 59 Resp: 810
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

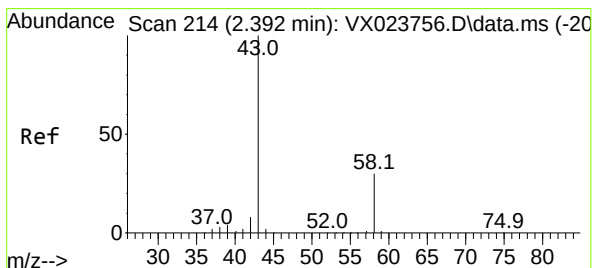
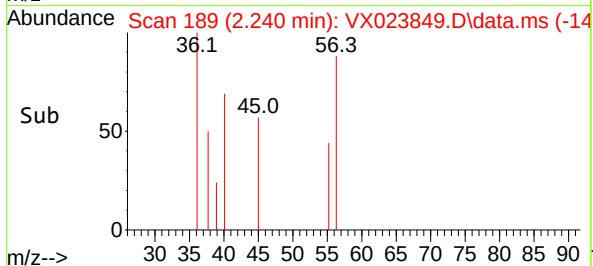
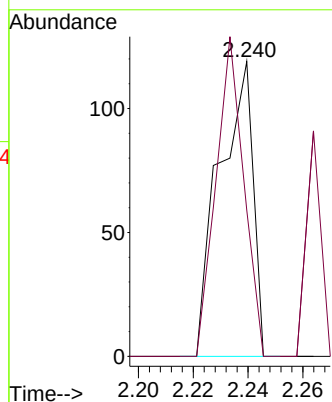
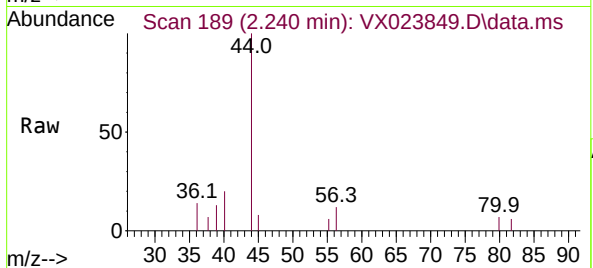




#13
Acrolein
Concen: 0.457 ug/l
RT: 2.240 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

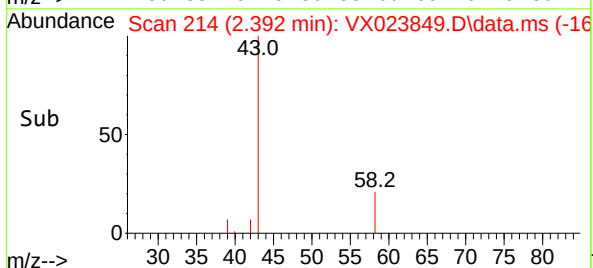
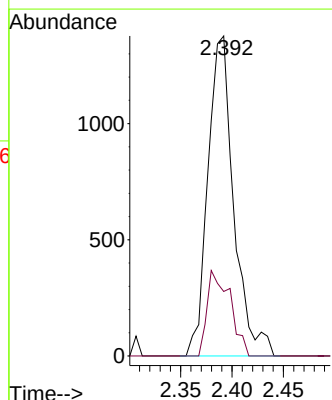
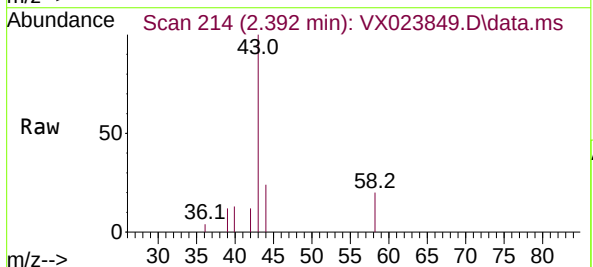
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

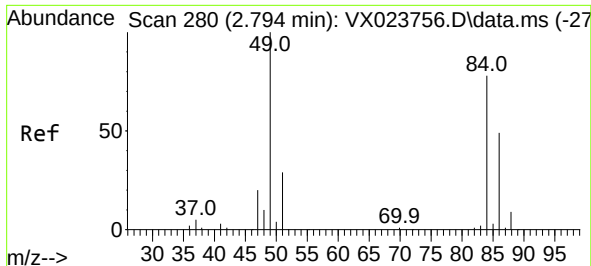
Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 90.1 56.4 84.6#



#16
Acetone
Concen: 2.938 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 43 Resp: 2411
Ion Ratio Lower Upper
43 100
58 20.2 27.8 41.8#





#20

Methylene Chloride

Concen: 0.610 ug/l

RT: 2.806 min Scan# 282

Delta R.T. 0.012 min

Lab File: VX023849.D

Acq: 19 Aug 2021 19:45

Tgt Ion: 84 Resp: 956

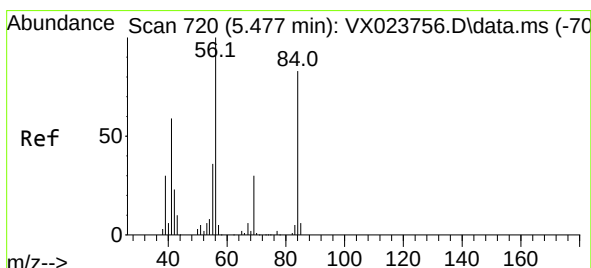
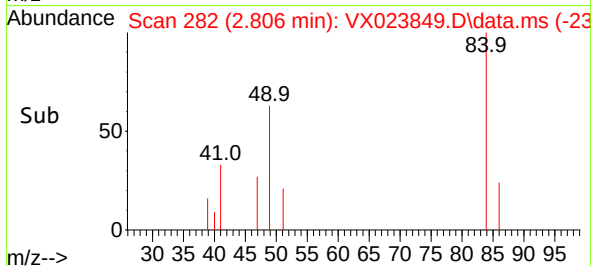
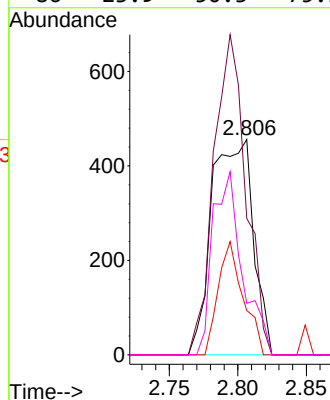
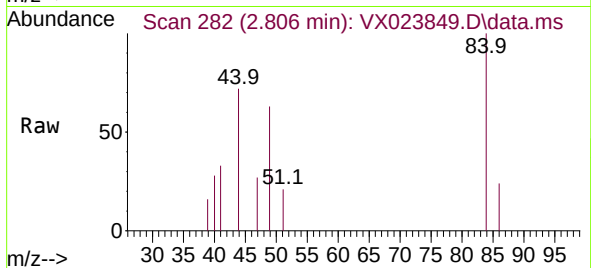
Ion Ratio Lower Upper

84 100

49 63.4 88.6 132.8#

51 20.6 27.0 40.6#

86 23.9 50.3 75.5#



#31

Cyclohexane

Concen: 1.256 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.091 min

Lab File: VX023849.D

Acq: 19 Aug 2021 19:45

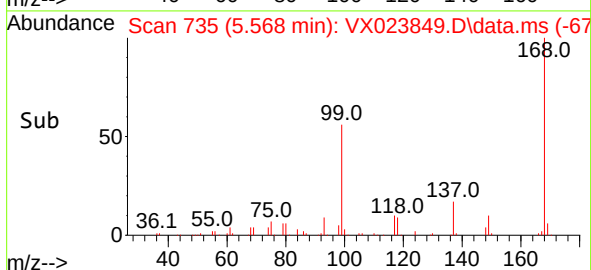
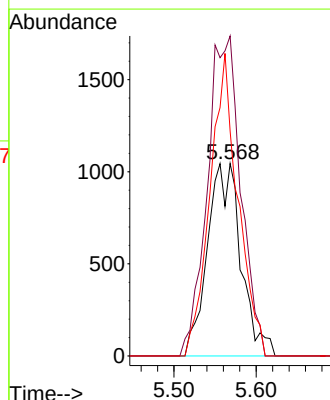
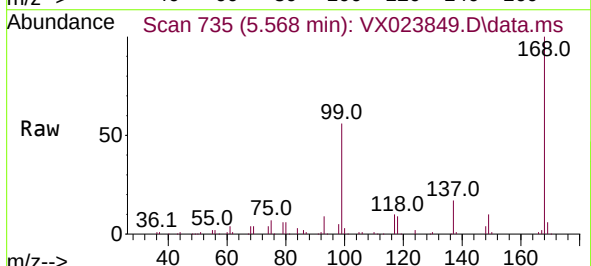
Tgt Ion: 56 Resp: 2960

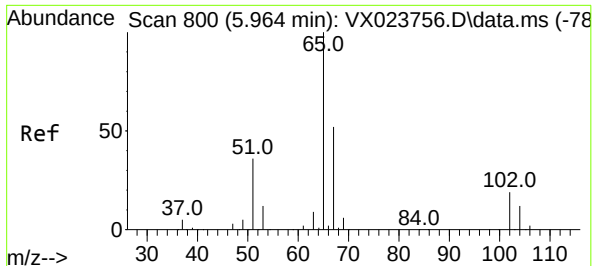
Ion Ratio Lower Upper

56 100

69 166.2 25.3 37.9#

84 116.8 71.4 107.0#



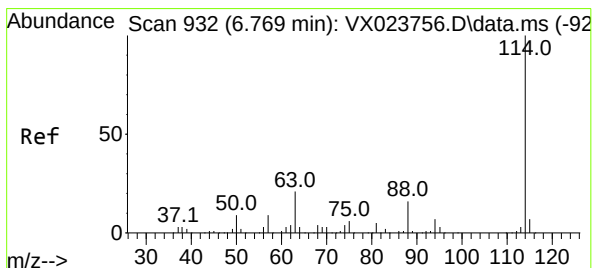
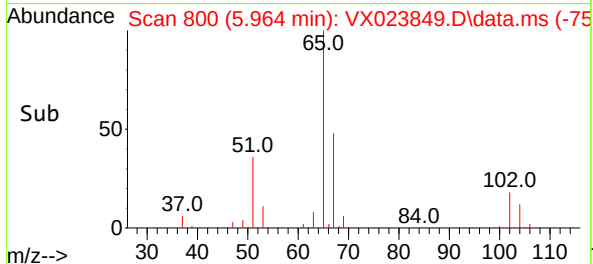
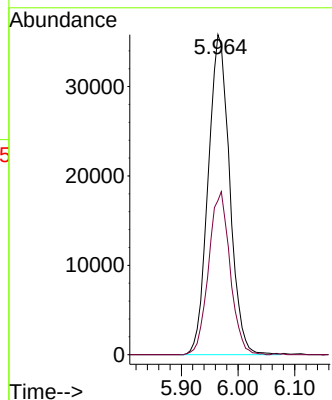
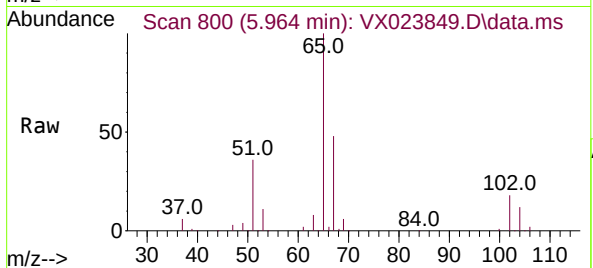


#33

1,2-Dichloroethane-d4
Concen: 51.369 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Instrument :
MSVOA_X
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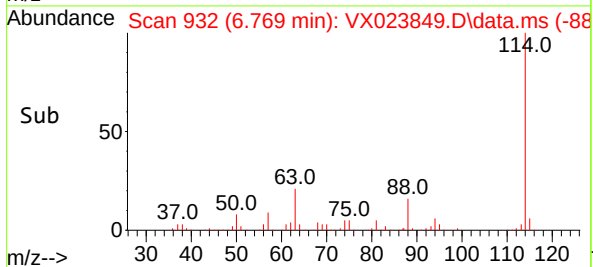
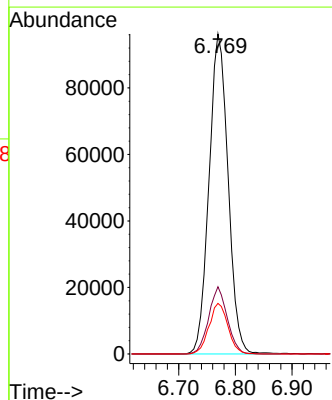
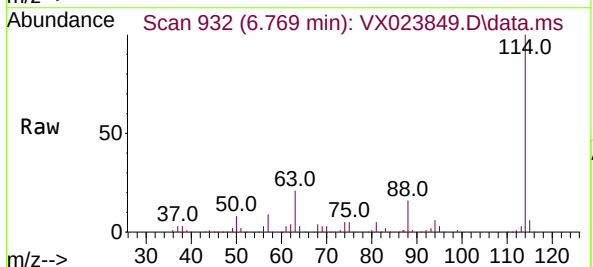
Tgt Ion: 65 Resp: 94265
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

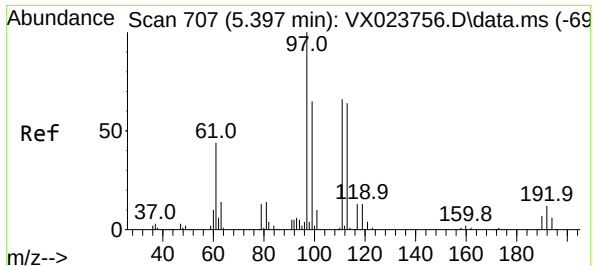


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 114 Resp: 224388
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.425 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023849.D

Acq: 19 Aug 2021 19:45

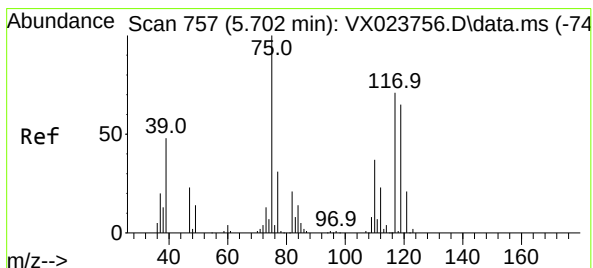
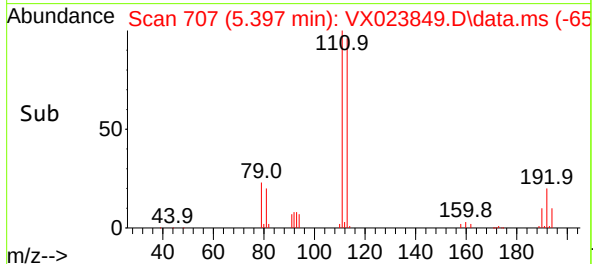
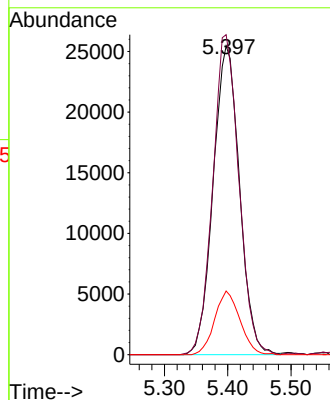
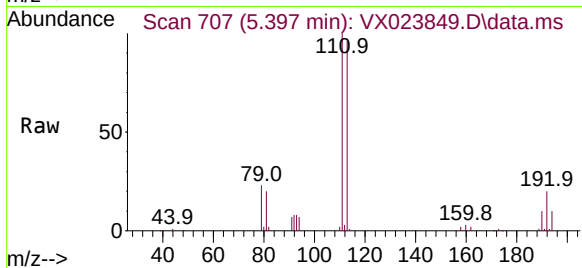
Tgt Ion:113 Resp: 73404

Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 19.8 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.035 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX023849.D

Acq: 19 Aug 2021 19:45

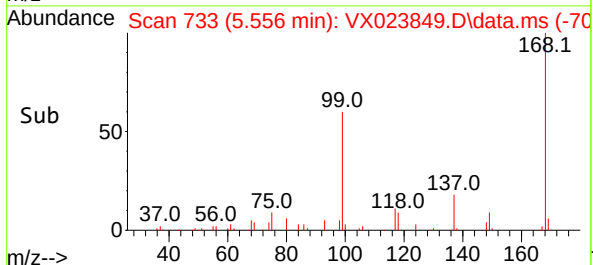
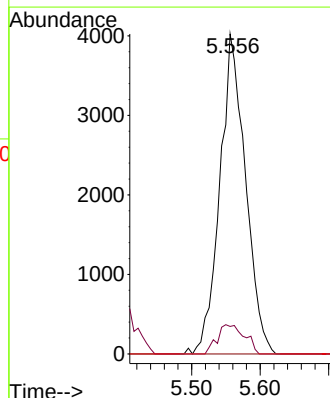
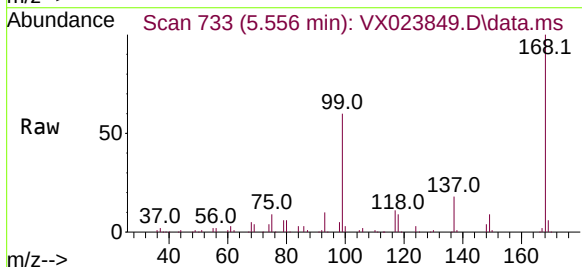
Tgt Ion: 75 Resp: 10463

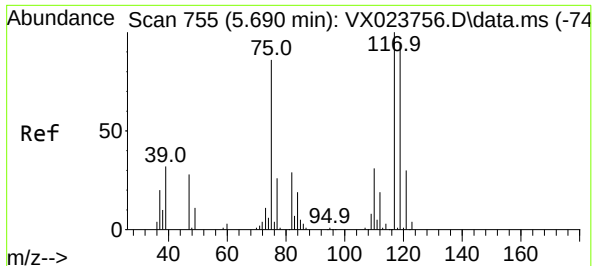
Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

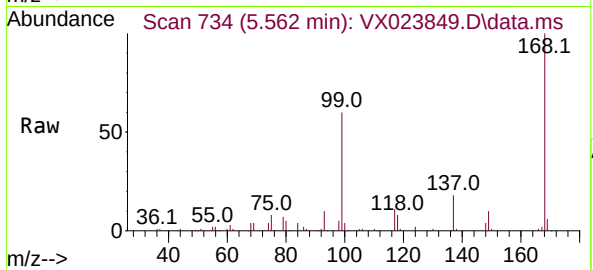
77 0.0 25.3 37.9#



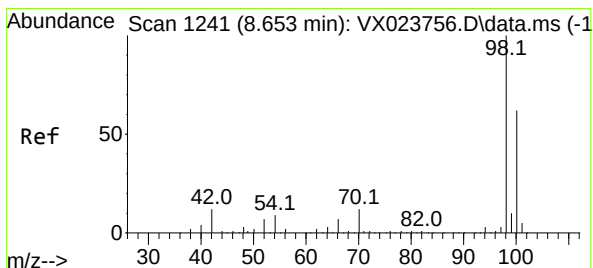
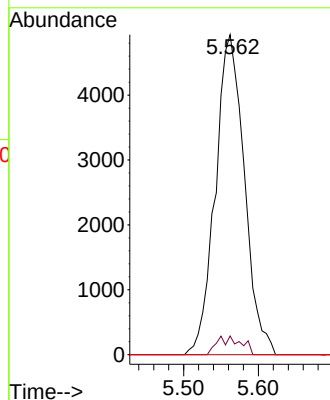
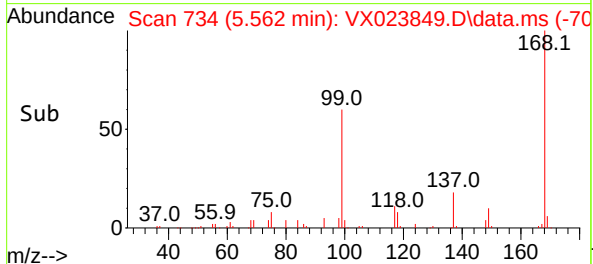


#38
Carbon Tetrachloride
Concen: 6.142 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

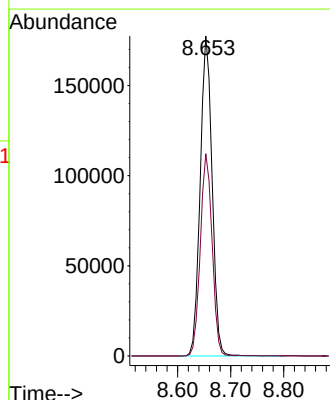
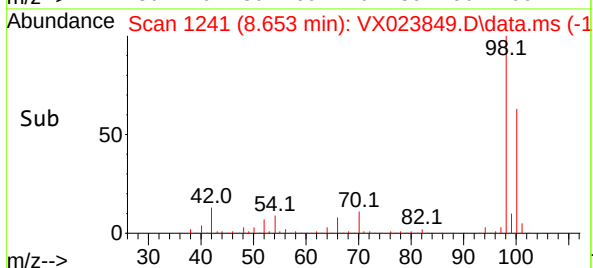
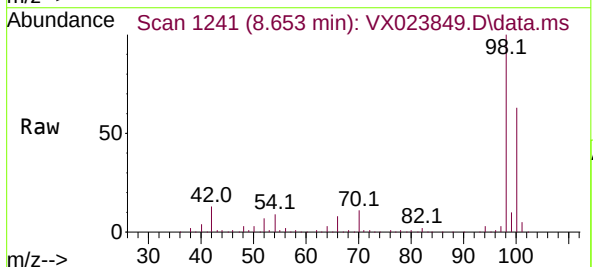


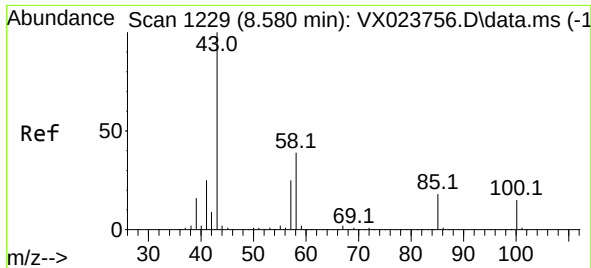
Tgt Ion:117 Resp: 13309
Ion Ratio Lower Upper
117 100
119 5.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.964 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 98 Resp: 276775
Ion Ratio Lower Upper
98 100
100 62.7 51.9 77.9

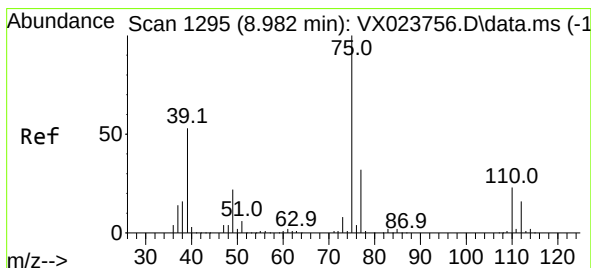
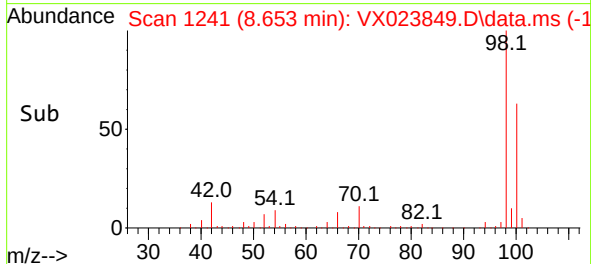
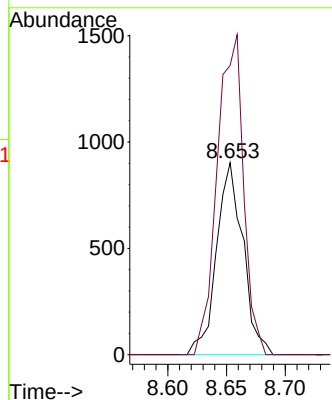
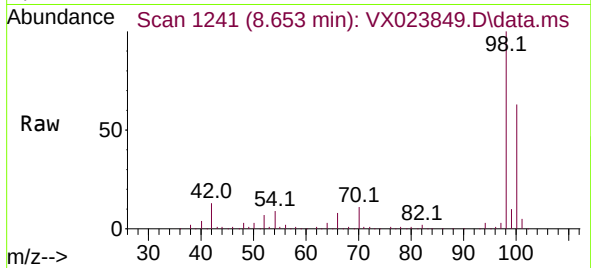




#51
4-Methyl-2-Pentanone
Concen: 0.549 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

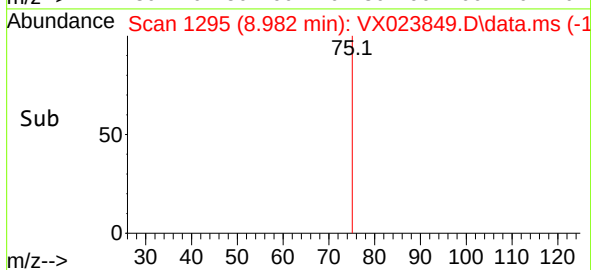
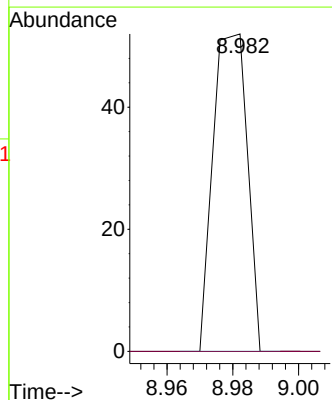
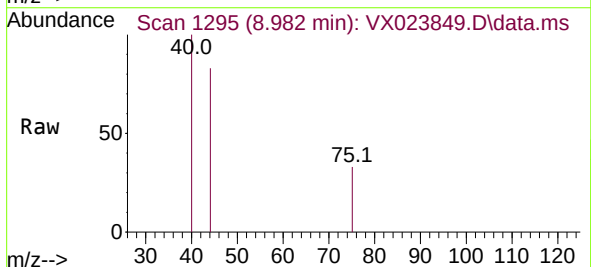
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

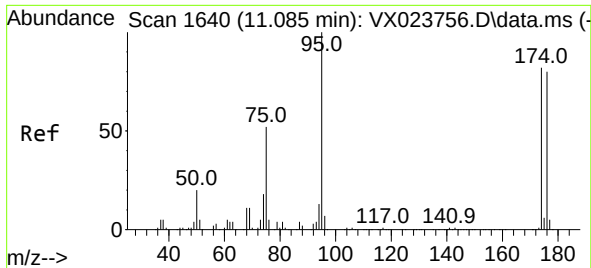
Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 165.7 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 2.151 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 75 Resp: 38
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#

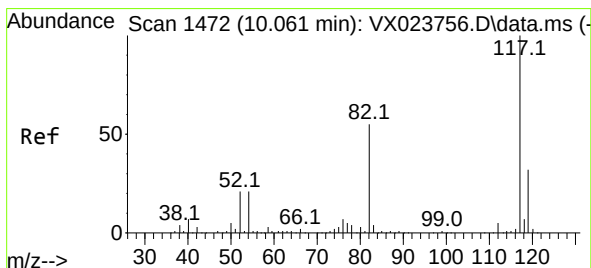
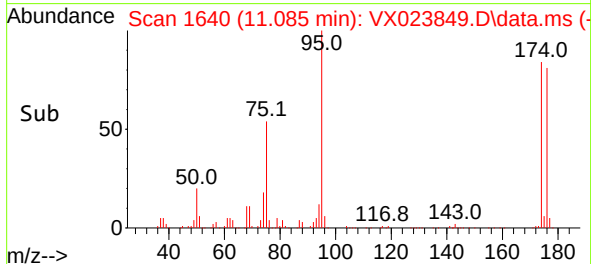
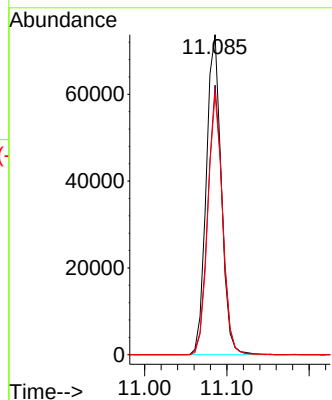
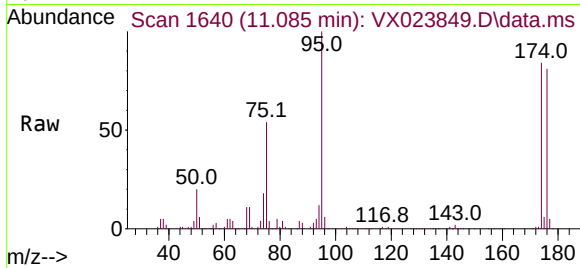




#62
4-Bromofluorobenzene
Concen: 44.844 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

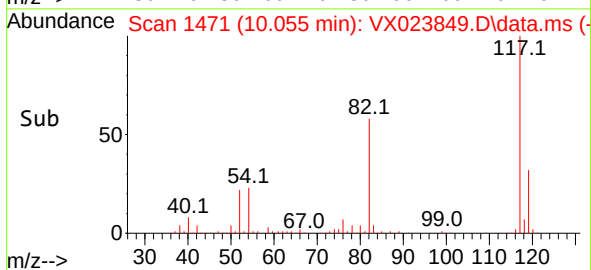
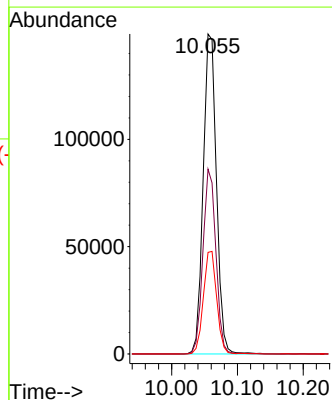
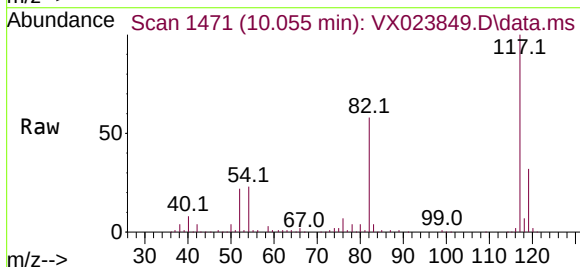
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

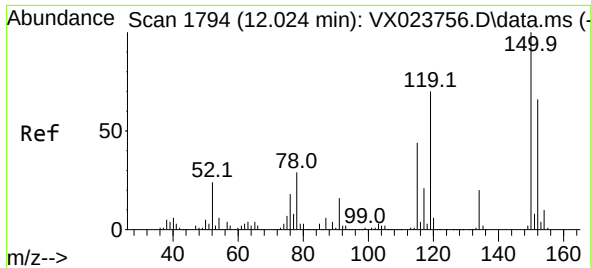
Tgt Ion: 95 Resp: 93316
Ion Ratio Lower Upper
95 100
174 82.0 0.0 154.6
176 79.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Tgt Ion: 117 Resp: 208954
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.8 26.6 39.8

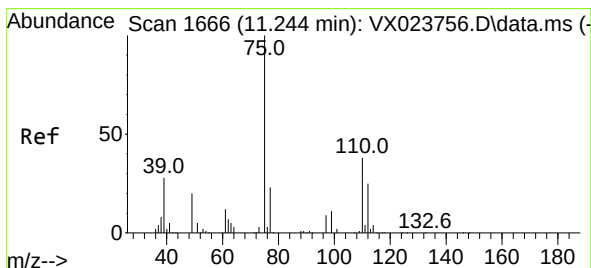
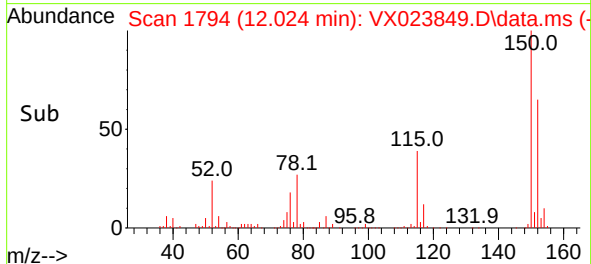
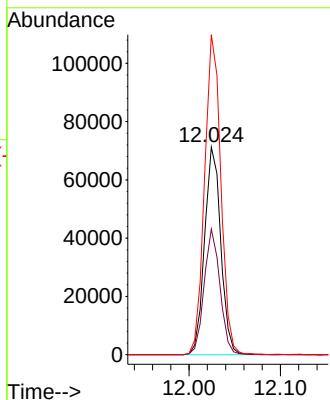
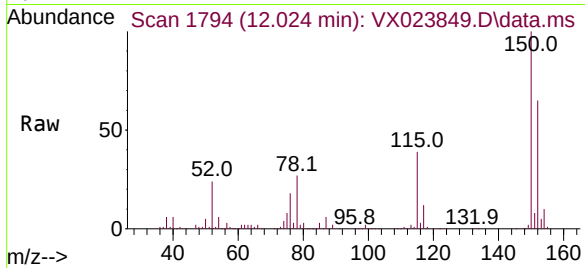




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023849.D
 Acq: 19 Aug 2021 19:45

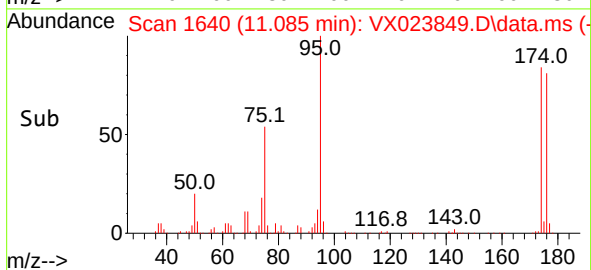
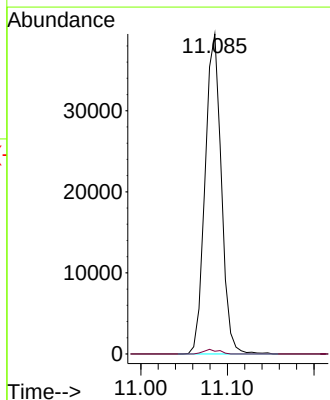
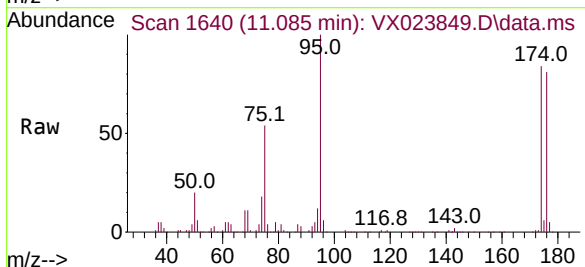
Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-TB-20210816

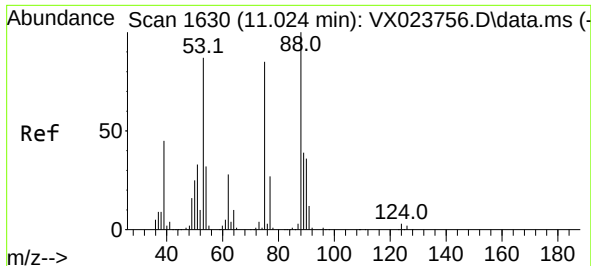
Tgt Ion:152 Resp: 87336
 Ion Ratio Lower Upper
 152 100
 115 59.1 41.1 123.3
 150 155.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.225 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023849.D
 Acq: 19 Aug 2021 19:45

Tgt Ion: 75 Resp: 51391
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#

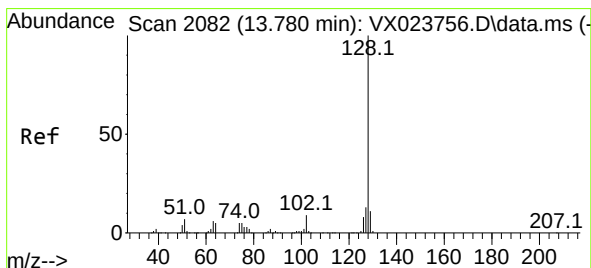
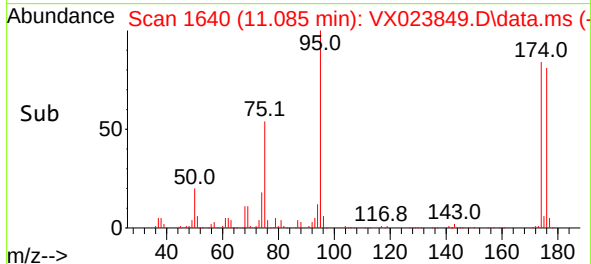
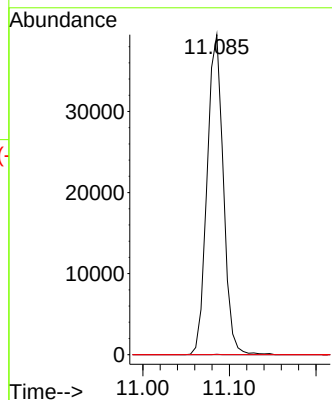
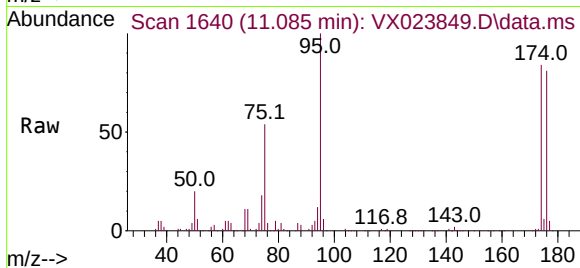




#81
trans-1,4-Dichloro-2-butene
Concen: 74.200 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-TB-20210816

Tgt Ion: 75 Resp: 51391
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.296 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023849.D
Acq: 19 Aug 2021 19:45

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#

