

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082021\
 Data File : VX023852.D
 Acq On : 19 Aug 2021 20:56
 Operator : JC/MD
 Sample : M3483-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-280-282

Quant Time: Aug 20 03:16:11 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)

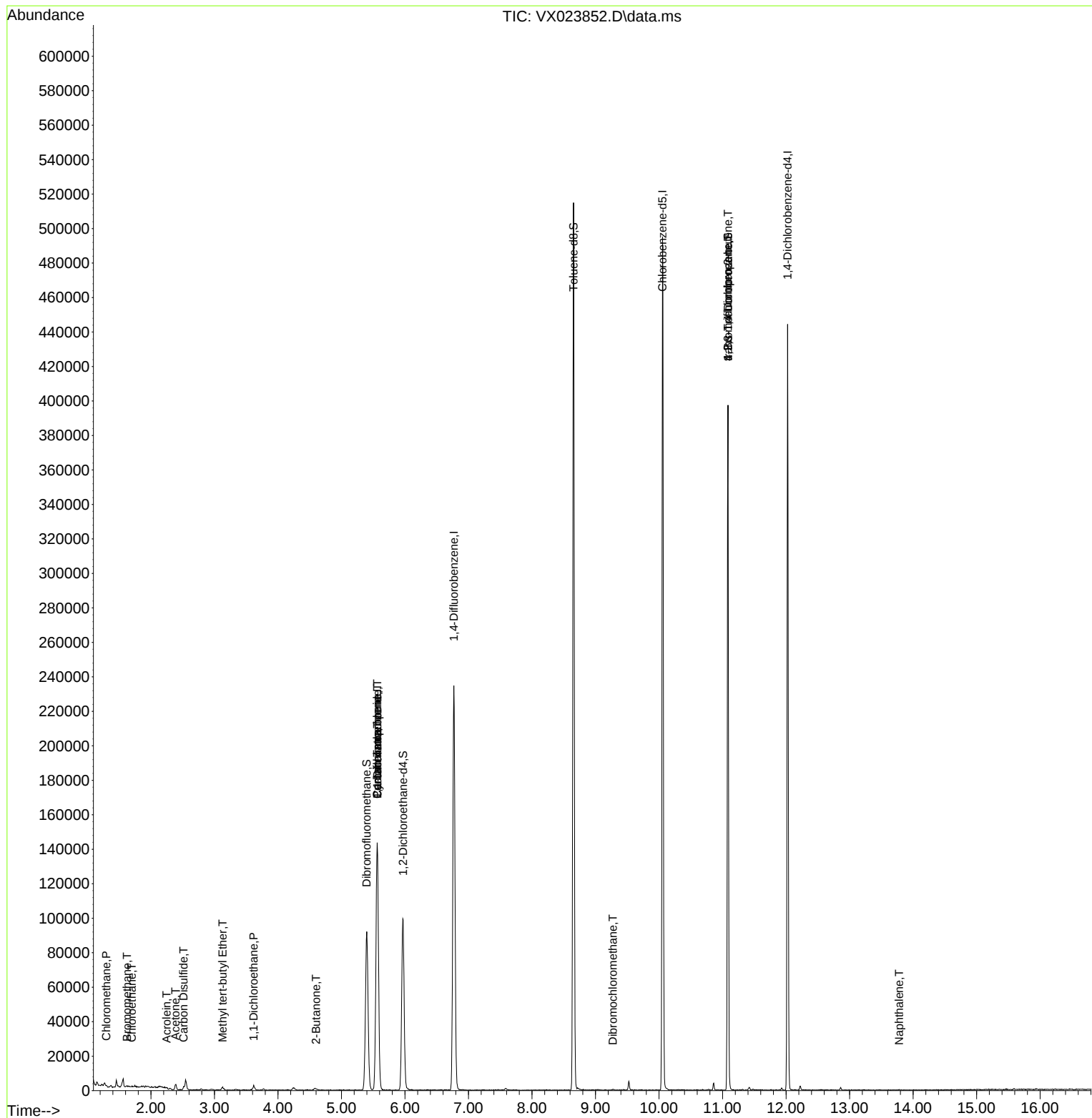
Internal Standards						
1) Pentafluorobenzene	5.562	168	134862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	97586	51.845	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 103.700%		
35) Dibromofluoromethane	5.397	113	77419	49.968	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.940%		
50) Toluene-d8	8.653	98	287876	48.817	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 97.640%		
62) 4-Bromofluorobenzene	11.085	95	96422	44.417	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.840%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	483	0.309	ug/l	89
5) Bromomethane	1.624	94	532	0.555	ug/l #	78
6) Chloroethane	1.697	64	457	2.560	ug/l #	43
13) Acrolein	2.246	56	49	0.216	ug/l #	7
16) Acetone	2.386	43	3569	4.241	ug/l #	82
17) Carbon Disulfide	2.514	76	2246	0.728	ug/l	97
19) Methyl tert-butyl Ether	3.130	73	1707	0.379	ug/l #	87
24) 1,1-Dichloroethane	3.617	63	2914	1.102	ug/l #	90
25) 2-Butanone	4.599	43	1079	0.846	ug/l #	45
31) Cyclohexane	5.562	56	3066	1.268	ug/l #	3
36) 1,1-Dichloropropene	5.562	75	10815	4.989	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14174	6.270	ug/l #	19
60) Dibromochloromethane	9.275	129	22	1.699	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	51936	25.172	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	51936	74.043	ug/l #	12
95) Naphthalene	13.780	128	245	1.319	ug/l #	69

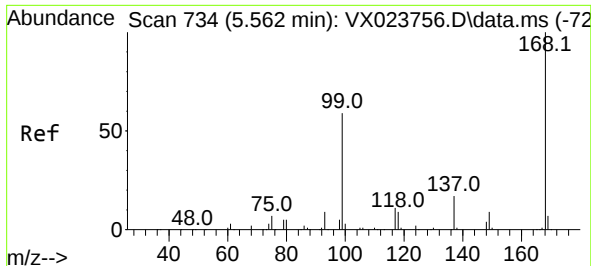
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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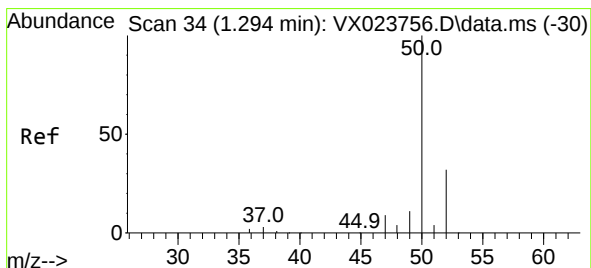
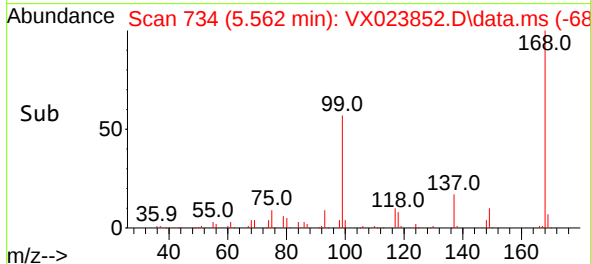
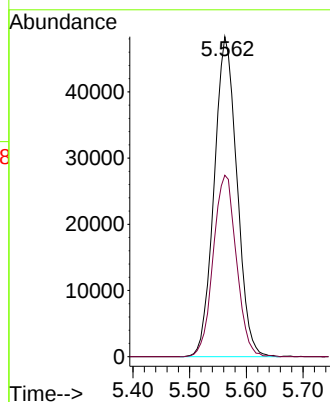
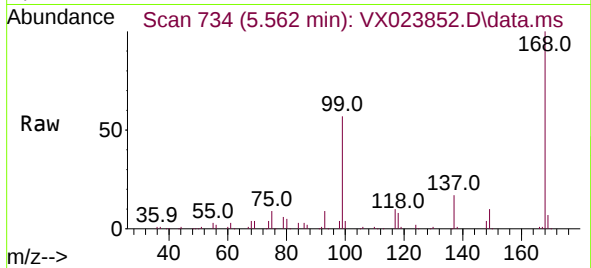




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

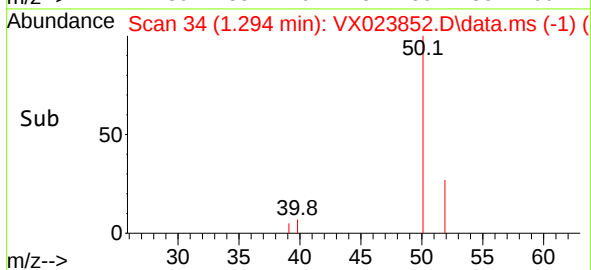
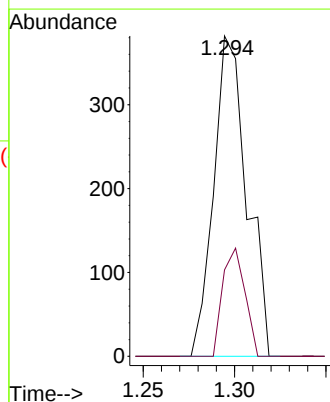
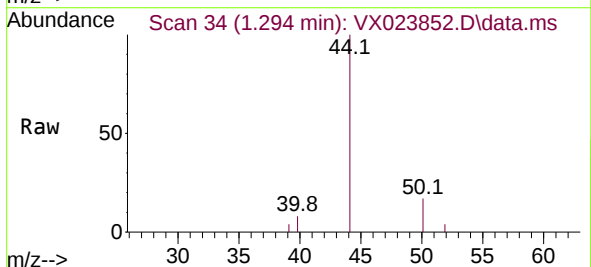
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

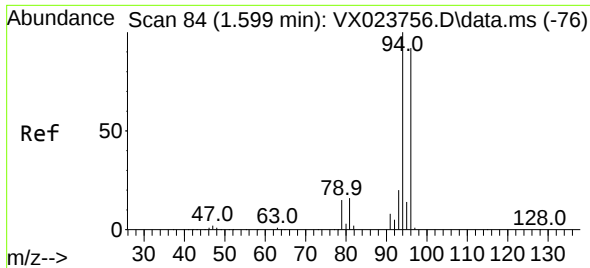
Tgt Ion:168 Resp: 134862
Ion Ratio Lower Upper
168 100
99 56.7 45.8 68.6



#3
Chloromethane
Concen: 0.309 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 50 Resp: 483
Ion Ratio Lower Upper
50 100
52 27.0 26.4 39.6

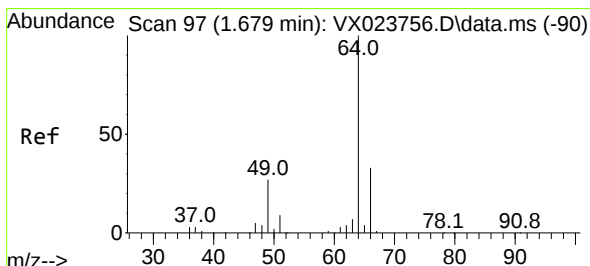
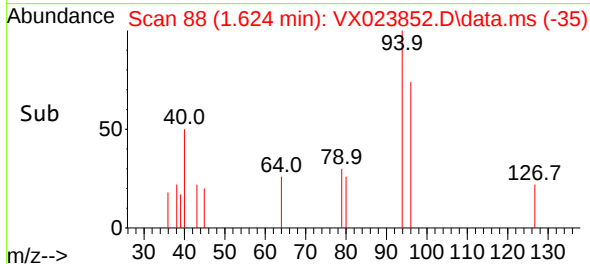
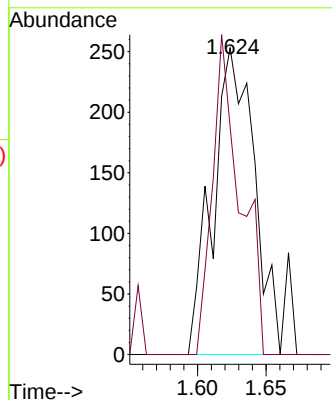
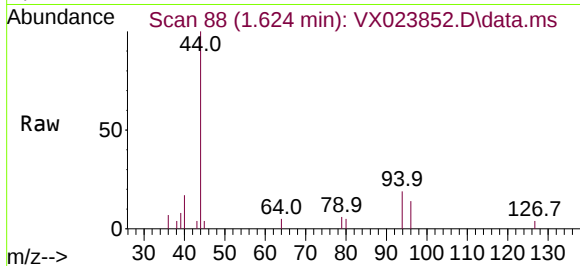




#5
Bromomethane
Concen: 0.555 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

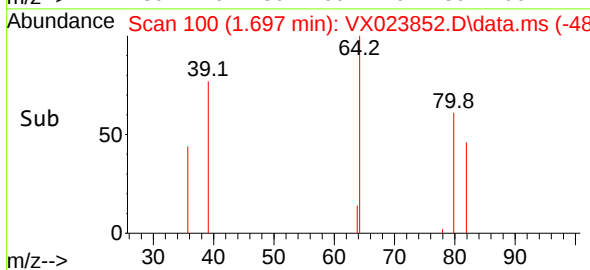
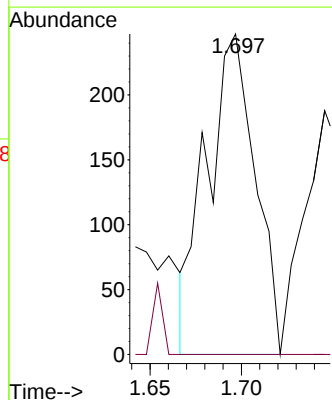
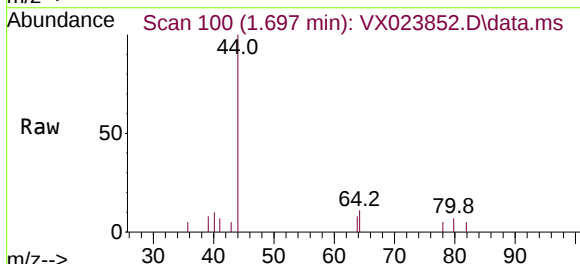
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

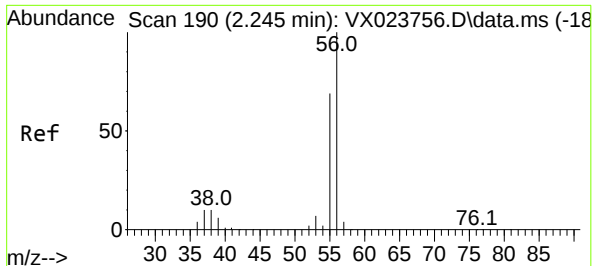
Tgt Ion: 94 Resp: 532
Ion Ratio Lower Upper
94 100
96 74.3 76.4 114.6#



#6
Chloroethane
Concen: 2.560 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 64 Resp: 457
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

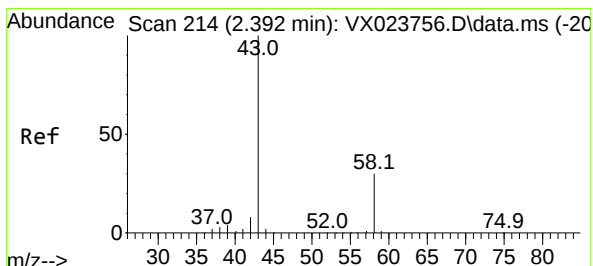
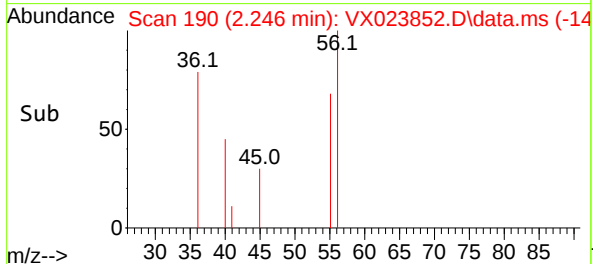
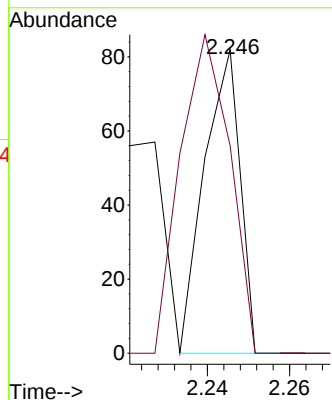
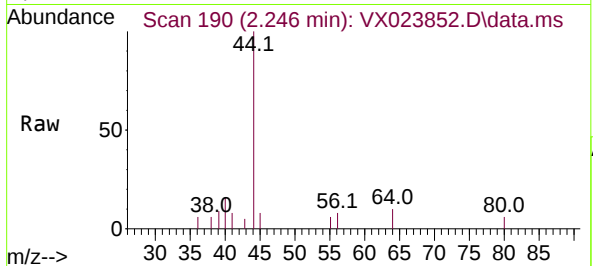




#13
Acrolein
Concen: 0.216 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

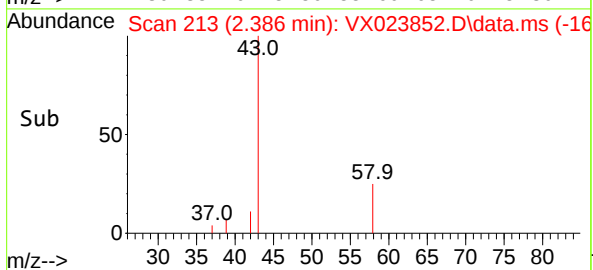
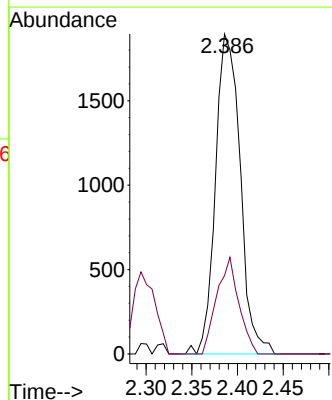
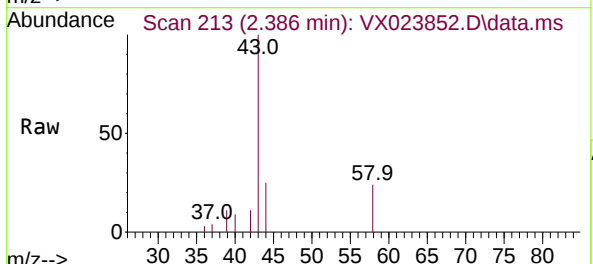
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

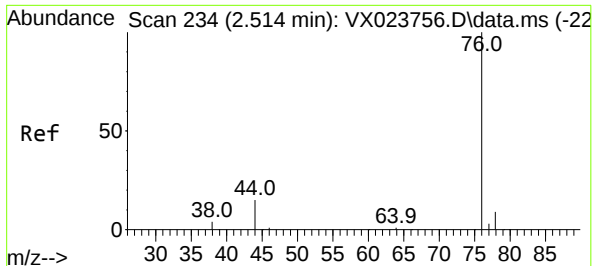
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 146.9 56.4 84.6#



#16
Acetone
Concen: 4.241 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 43 Resp: 3569
Ion Ratio Lower Upper
43 100
58 24.5 27.8 41.8#

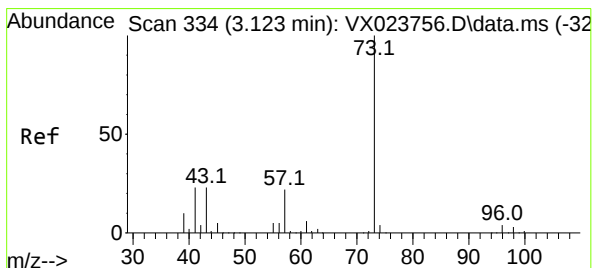
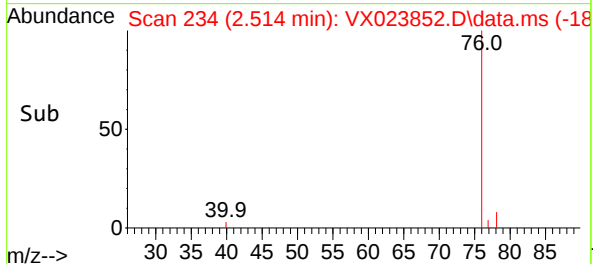
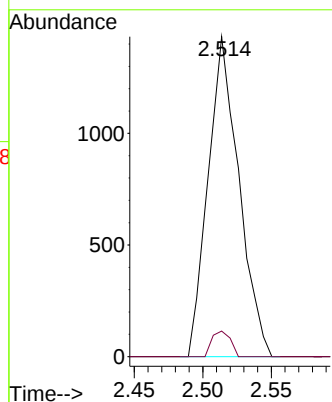
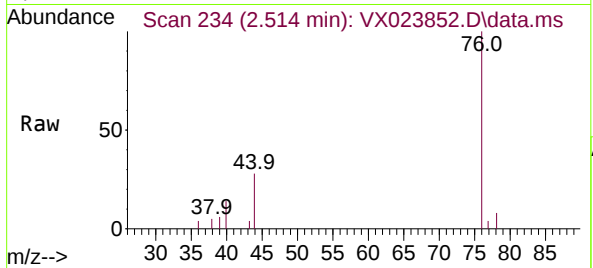




#17
Carbon Disulfide
Concen: 0.728 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

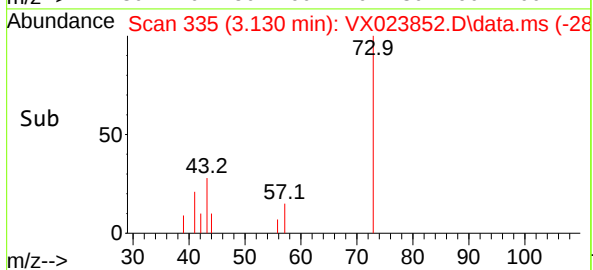
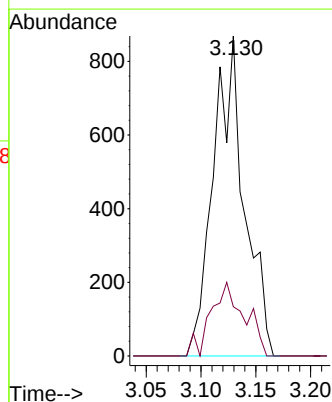
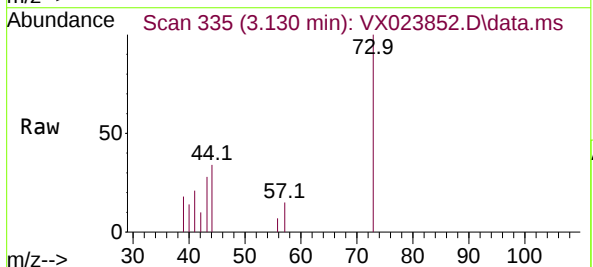
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

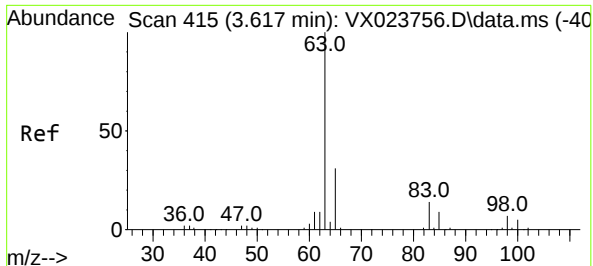
Tgt Ion: 76 Resp: 2246
Ion Ratio Lower Upper
76 100
78 8.0 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 0.379 ug/l
RT: 3.130 min Scan# 335
Delta R.T. 0.006 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 73 Resp: 1707
Ion Ratio Lower Upper
73 100
57 15.4 17.1 25.7#

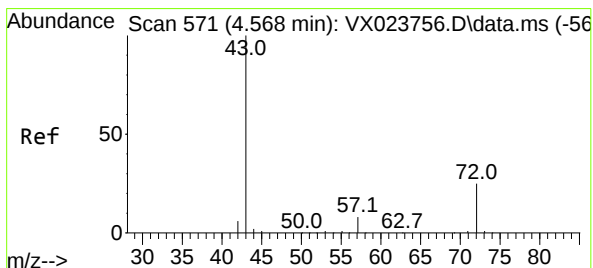
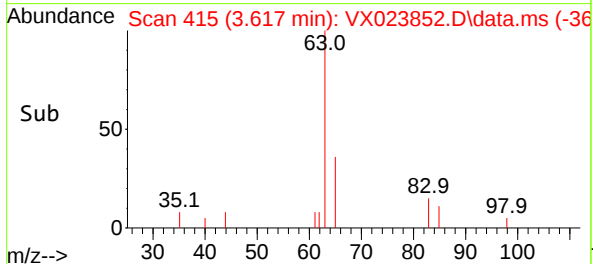
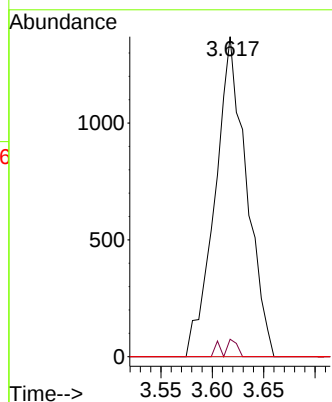
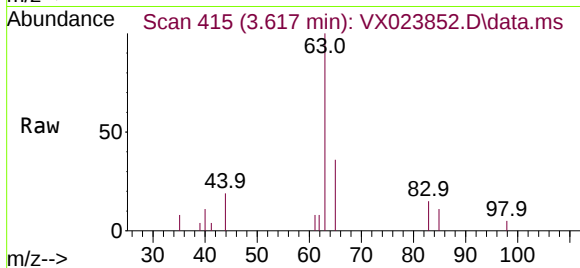




#24
1,1-Dichloroethane
Concen: 1.102 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

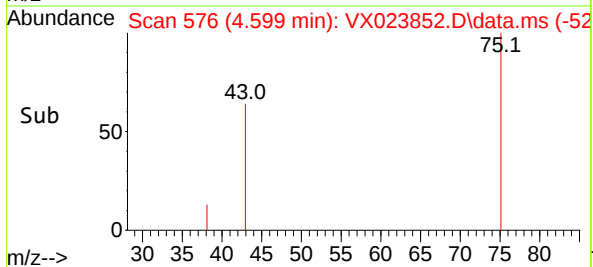
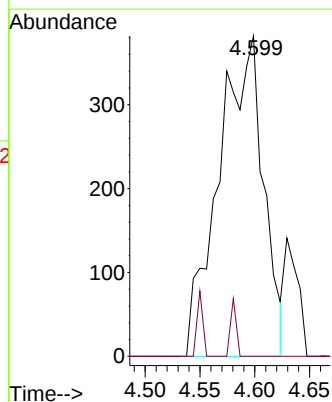
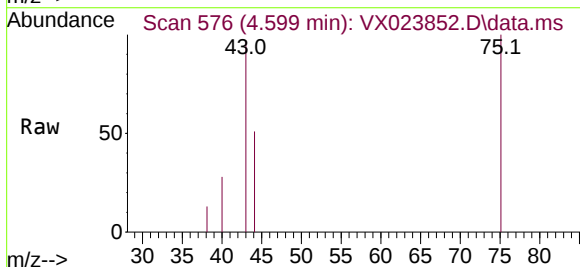
Instrument :
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ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

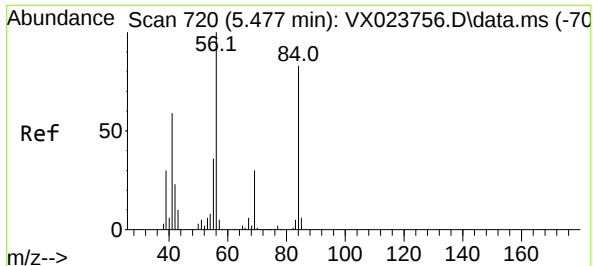
Tgt Ion: 63 Resp: 2914
Ion Ratio Lower Upper
63 100
98 5.5 3.8 11.2
100 0.0 2.5 7.5#



#25
2-Butanone
Concen: 0.846 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.031 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 43 Resp: 1079
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#





#31

Cyclohexane

Concen: 1.268 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX023852.D

Acq: 19 Aug 2021 20:56

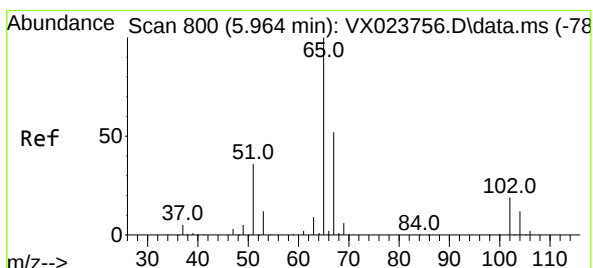
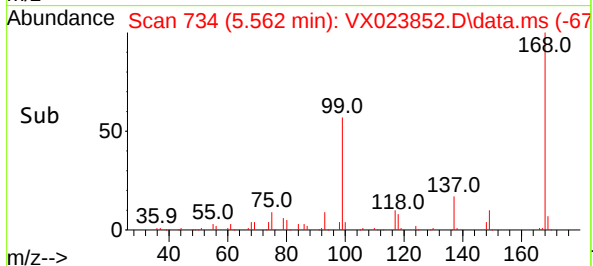
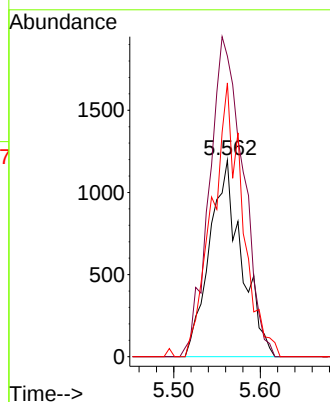
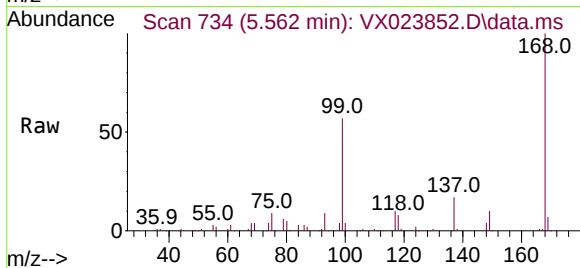
Instrument :

MSVOA_X

ClientSampleId :

BB-TT-VPB-RW7-GW-280-282

Tgt Ion:	56	Resp:	3066
Ion	Ratio	Lower	Upper
56	100		
69	152.9	25.3	37.9#
84	139.4	71.4	107.0#



#33

1,2-Dichloroethane-d4

Concen: 51.845 ug/l

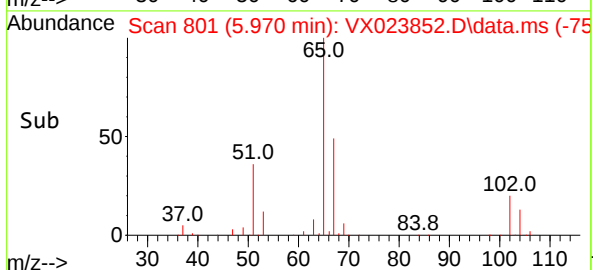
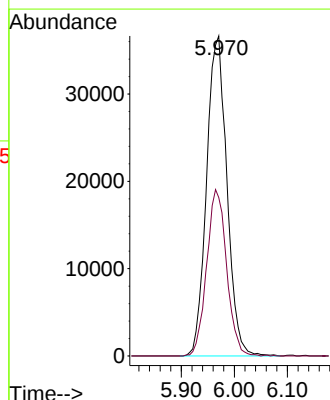
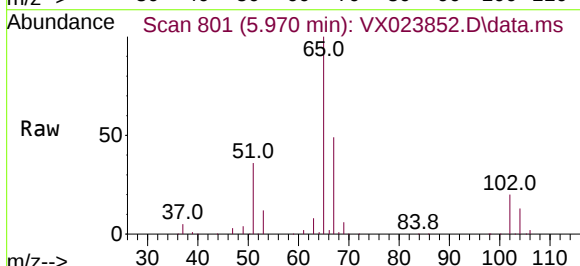
RT: 5.970 min Scan# 801

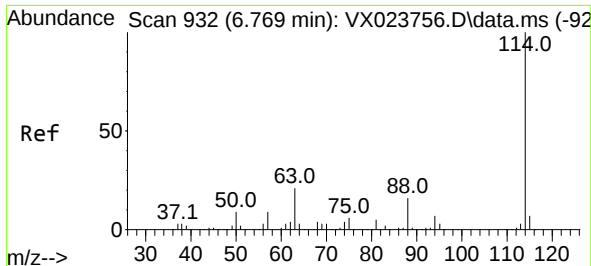
Delta R.T. 0.006 min

Lab File: VX023852.D

Acq: 19 Aug 2021 20:56

Tgt Ion:	65	Resp:	97586
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	105.4

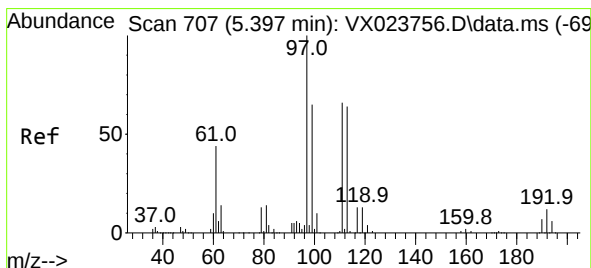
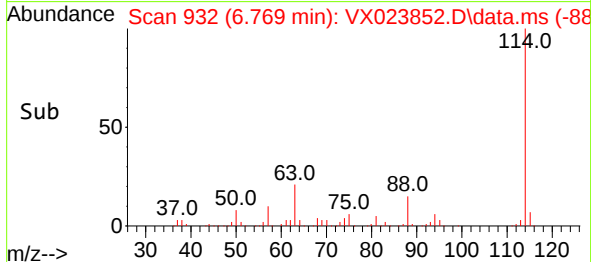
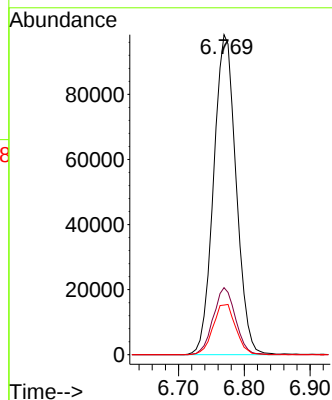
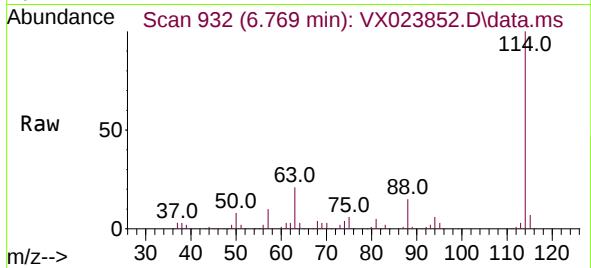




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

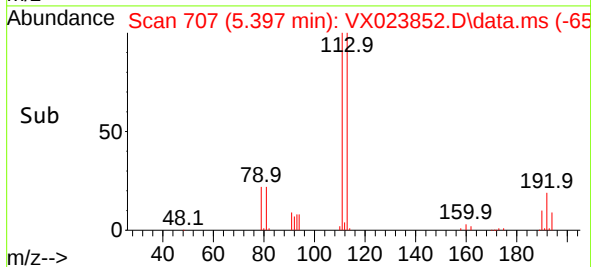
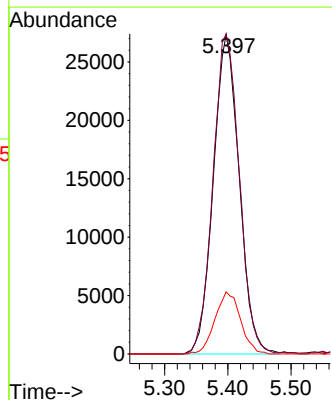
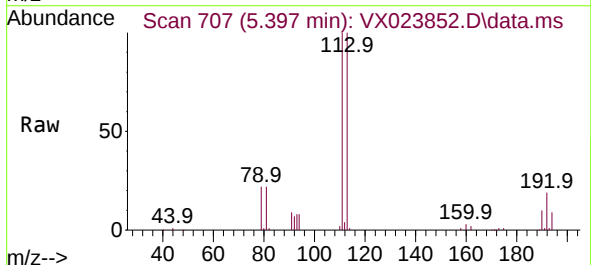
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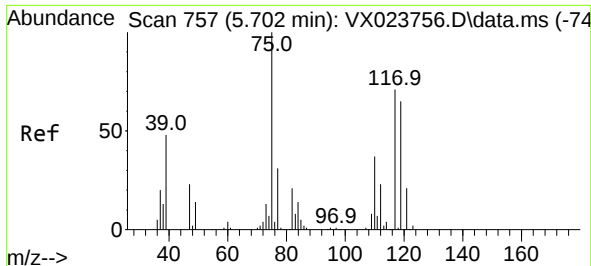
Tgt Ion:114 Resp: 234089
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.968 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion:113 Resp: 77419
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.2 16.7 25.1

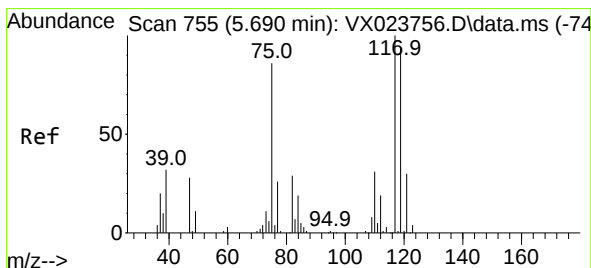
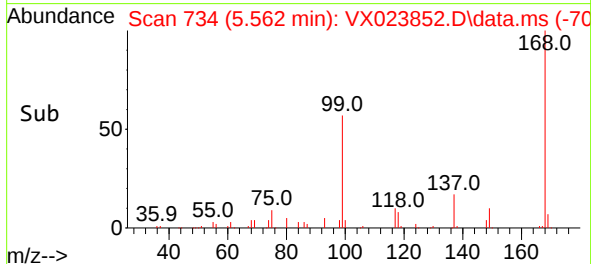
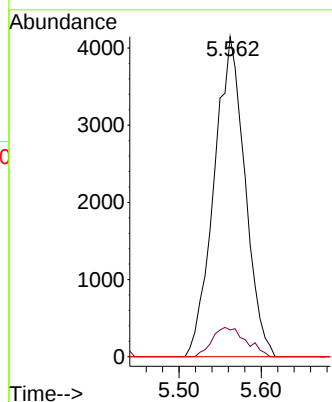
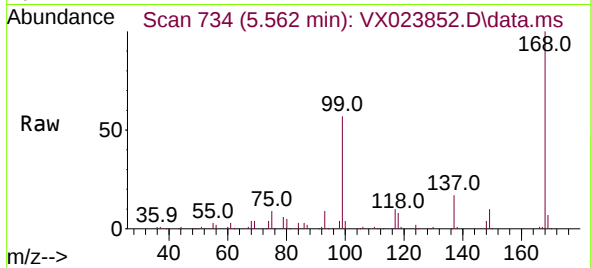




#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

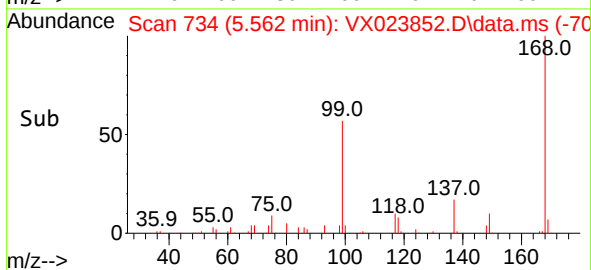
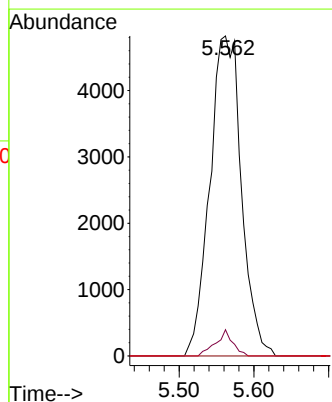
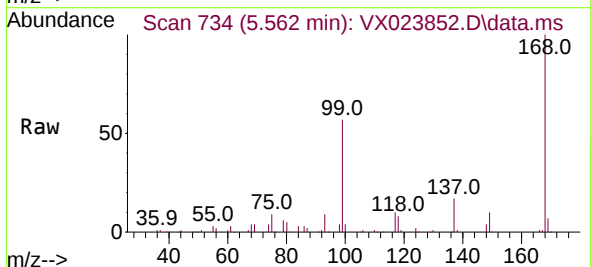
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

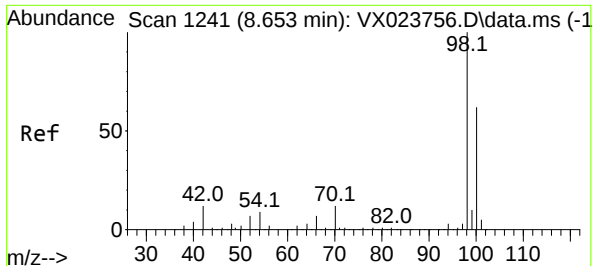
Tgt Ion: 75 Resp: 10815
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 117 Resp: 14174
Ion Ratio Lower Upper
117 100
119 8.2 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.817 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023852.D

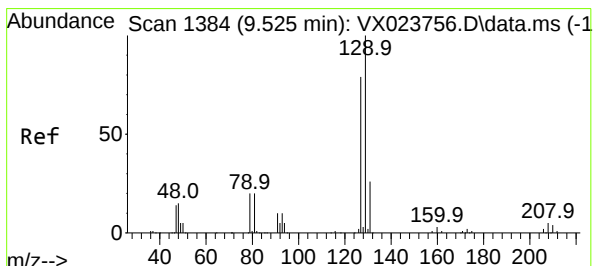
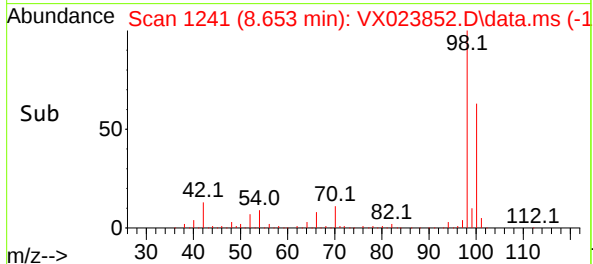
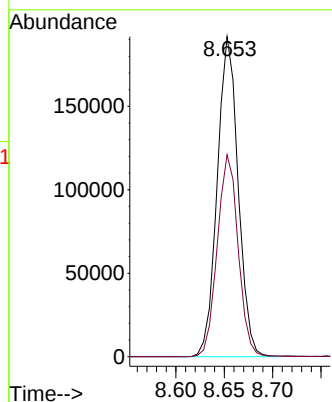
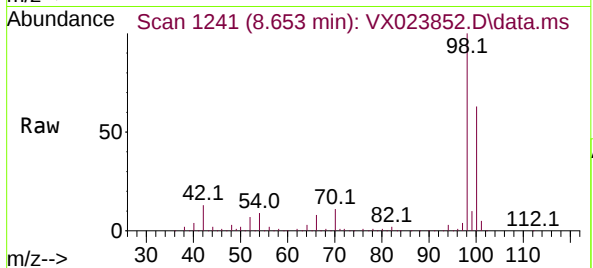
Acq: 19 Aug 2021 20:56

Tgt Ion: 98 Resp: 287876

Ion Ratio Lower Upper

98 100

100 62.9 51.9 77.9



#60

Dibromochloromethane

Concen: 1.699 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX023852.D

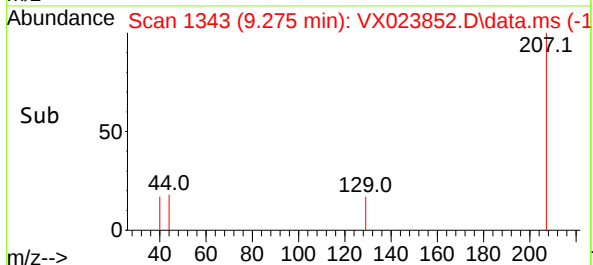
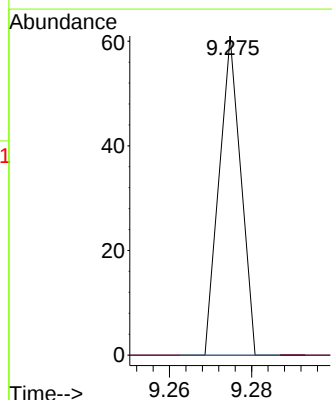
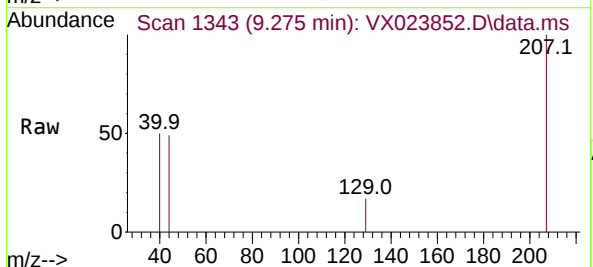
Acq: 19 Aug 2021 20:56

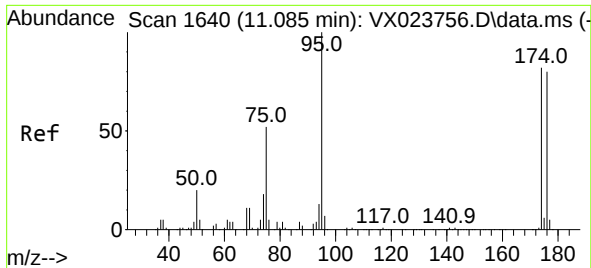
Tgt Ion: 129 Resp: 22

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

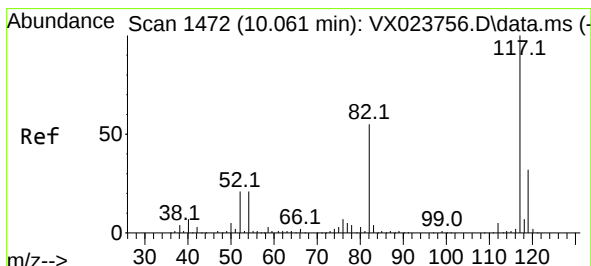
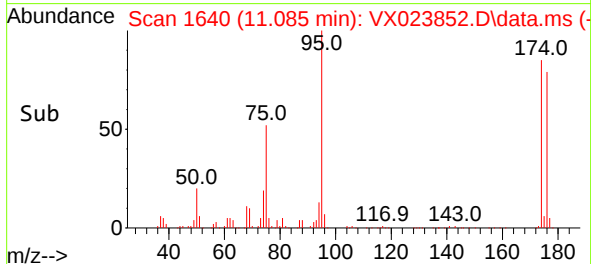
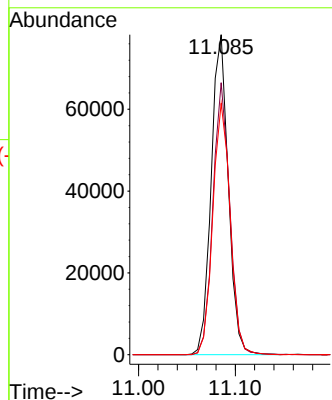
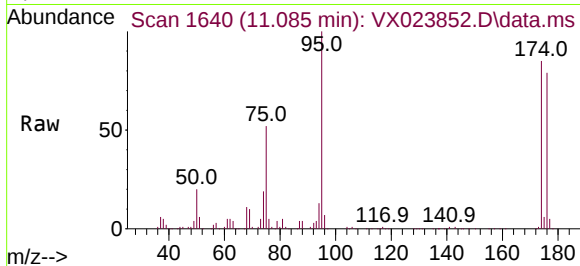




#62
4-Bromofluorobenzene
Concen: 44.417 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

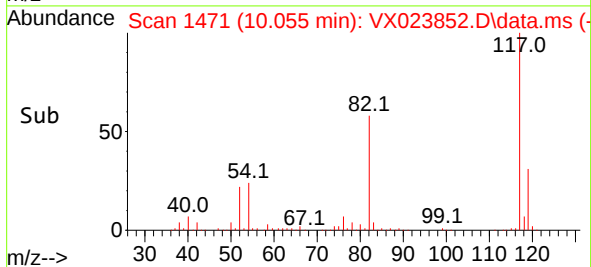
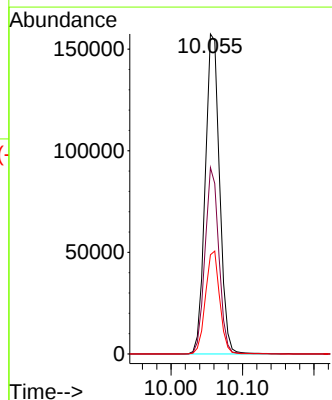
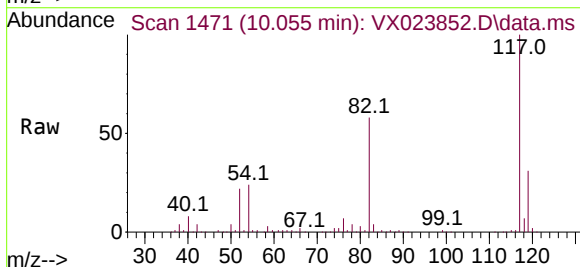
Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

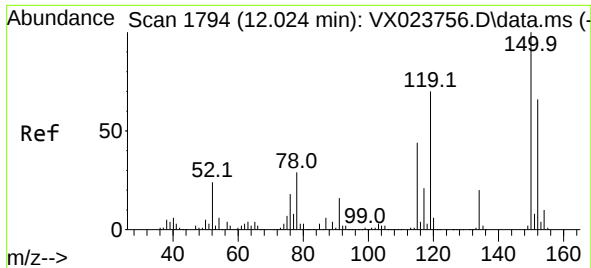
Tgt Ion: 95 Resp: 96422
Ion Ratio Lower Upper
95 100
174 83.6 0.0 154.6
176 79.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 117 Resp: 219772
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.0 26.6 39.8

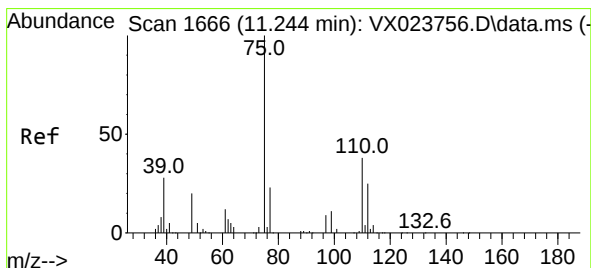
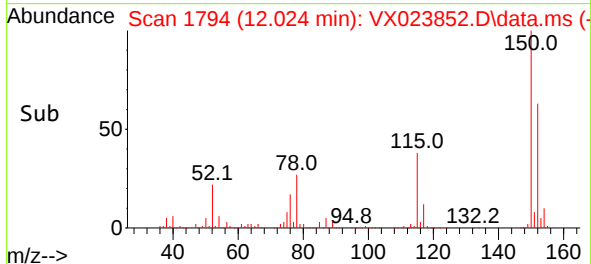
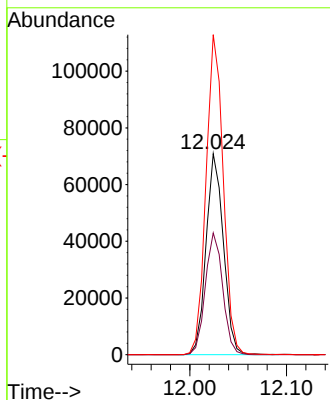
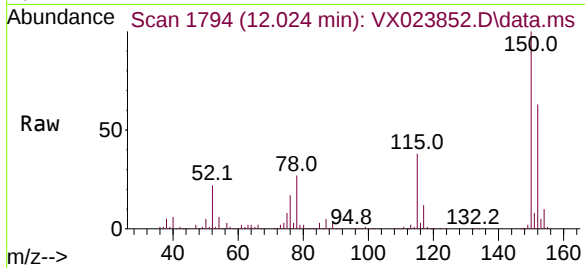




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023852.D
 Acq: 19 Aug 2021 20:56

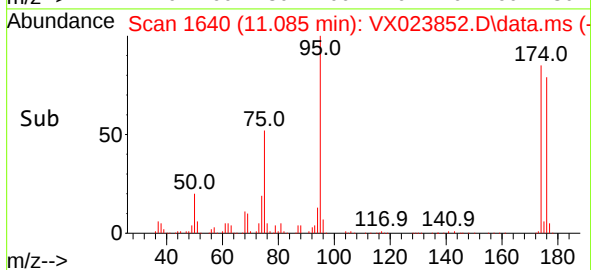
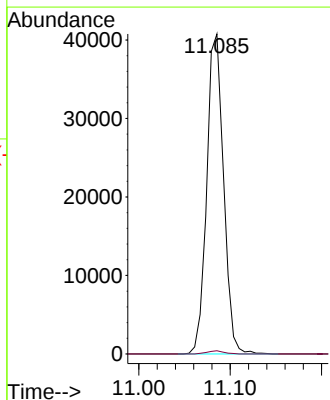
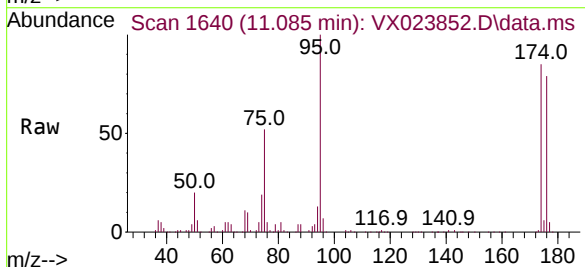
Instrument :
 MSVOA_X
 ClientSampleId :
 BB-TT-VPB-RW7-GW-280-282

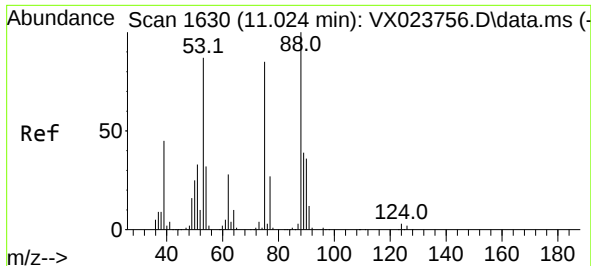
Tgt Ion:152 Resp: 88449
 Ion Ratio Lower Upper
 152 100
 115 60.7 41.1 123.3
 150 158.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.172 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023852.D
 Acq: 19 Aug 2021 20:56

Tgt Ion: 75 Resp: 51936
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

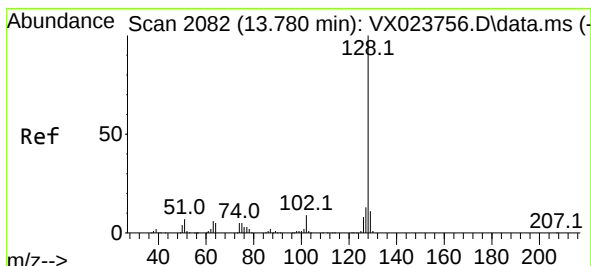
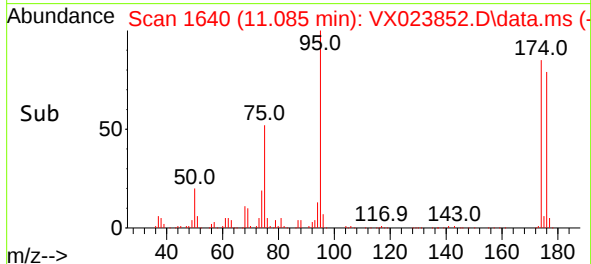
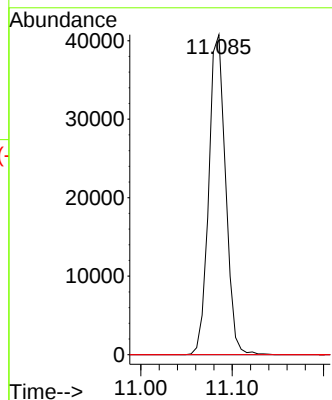
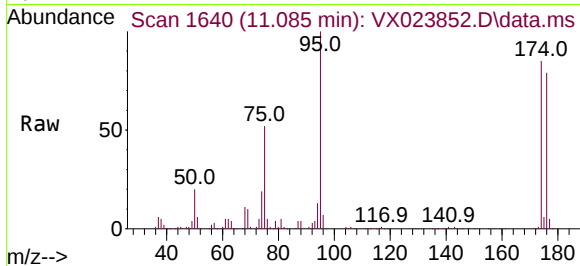




#81
trans-1,4-Dichloro-2-butene
Concen: 74.043 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Instrument :
MSVOA_X
ClientSampleId :
BB-TT-VPB-RW7-GW-280-282

Tgt Ion: 75 Resp: 51936
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.319 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023852.D
Acq: 19 Aug 2021 20:56

Tgt Ion: 128 Resp: 245
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

