

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024802.D
 Acq On : 13 Oct 2021 22:43
 Operator : JC/MD
 Sample : M4190-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-01-(2.0)

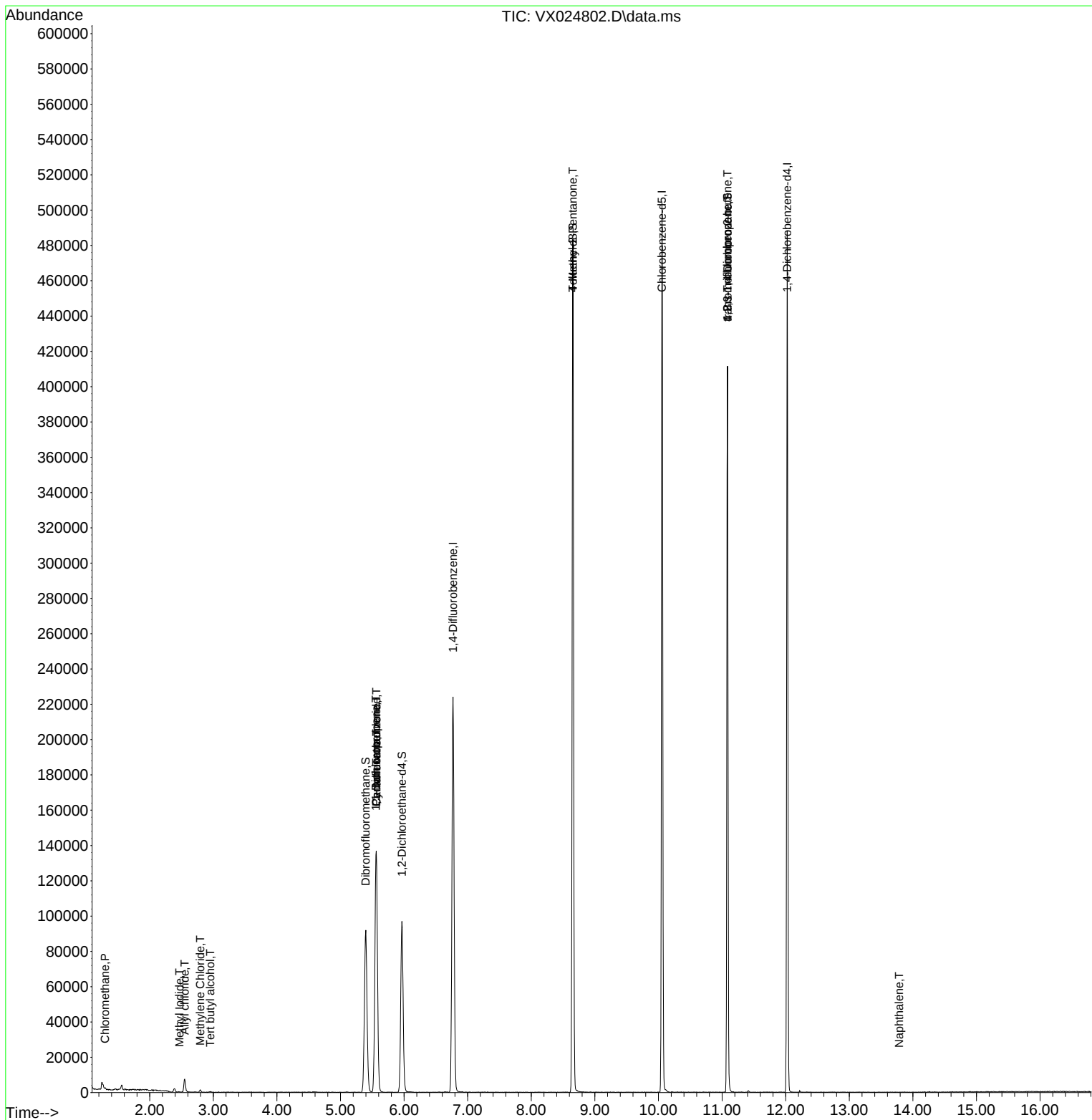
Quant Time: Oct 14 03:59:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

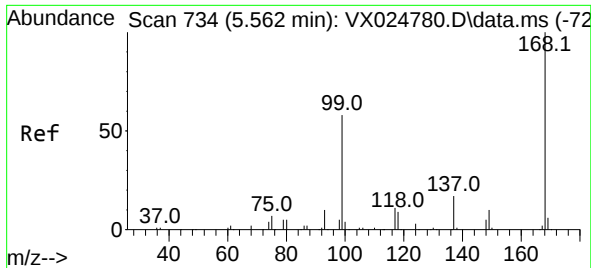
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	127385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	222094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	97439	62.234	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.460%#			
35) Dibromofluoromethane	5.397	113	76775	58.068	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.140%			
50) Toluene-d8	8.653	98	280222	57.297	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 114.600%#			
62) 4-Bromofluorobenzene	11.085	95	104752	54.458	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.920%			
Target Compounds					Qvalue	
3) Chloromethane	1.295	50	338	0.286	ug/l #	80
5) Bromomethane	1.612	94	210	Below Cal	#	74
10) Methyl Iodide	2.465	142	194	1.039	ug/l #	74
11) Tert butyl alcohol	2.953	59	143	0.433	ug/l #	72
14) Allyl chloride	2.550	41	792	0.395	ug/l #	53
16) Acetone	2.386	43	2195	Below Cal	#	75
20) Methylene Chloride	2.794	84	621	0.468	ug/l #	77
31) Cyclohexane	5.562	56	2685	1.287	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	10221	5.200	ug/l #	49
38) Carbon Tetrachloride	5.562	117	13592	6.172	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1249	0.537	ug/l #	1
59) 2-Hexanone	9.488	43	23	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.085	75	56619	27.338	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	56619	73.573	ug/l #	9
95) Naphthalene	13.786	128	84	0.267	ug/l #	69

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

Quant Time: Oct 14 03:59:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 14 03:51:38 2021
Response via : Initial Calibration

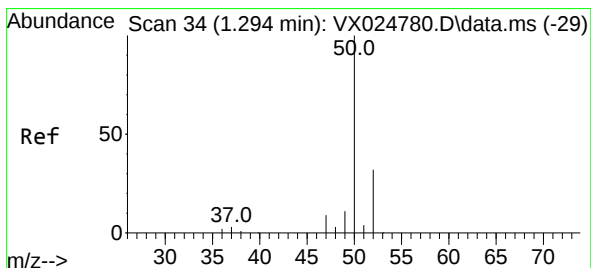
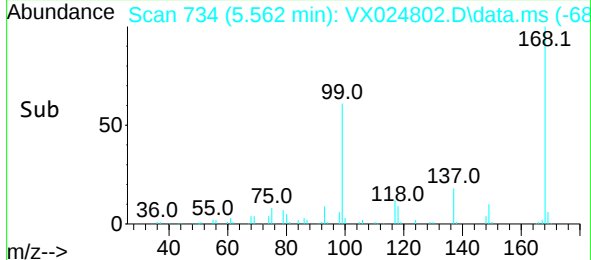
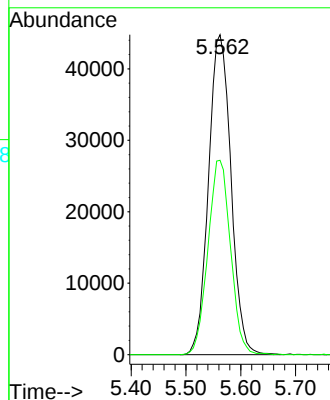
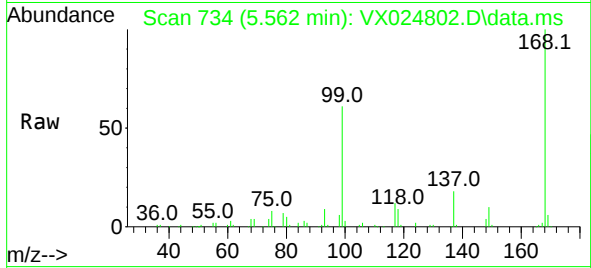




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

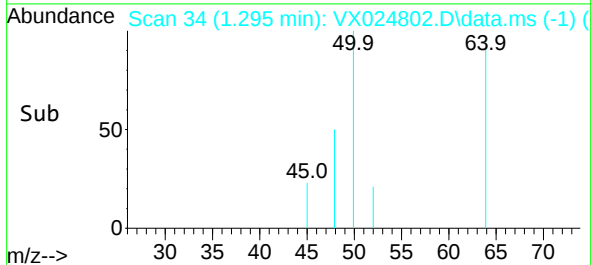
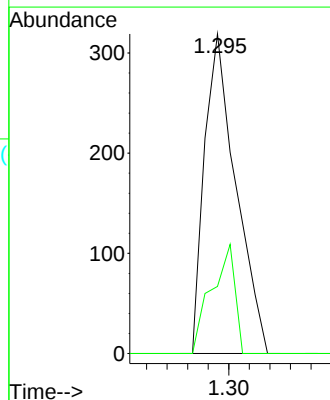
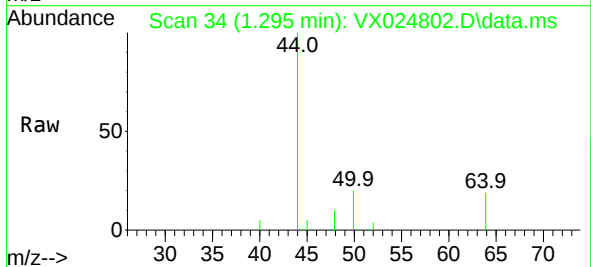
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MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

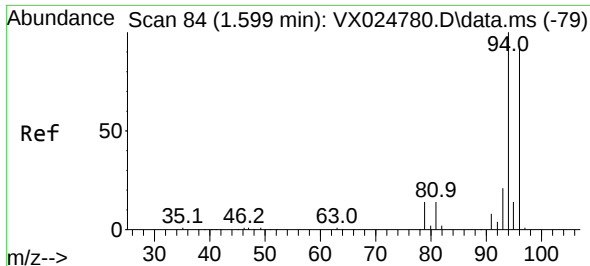
Tgt Ion:168 Resp: 127385
Ion Ratio Lower Upper
168 100
99 60.8 46.4 69.6



#3
Chloromethane
Concen: 0.286 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 21.0 25.9 38.9#

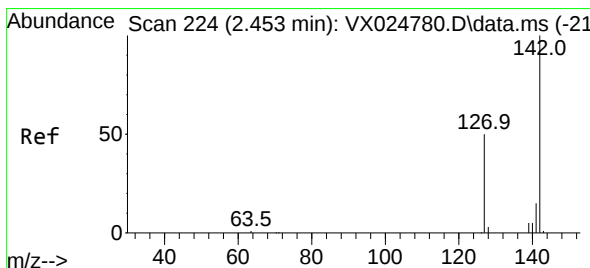
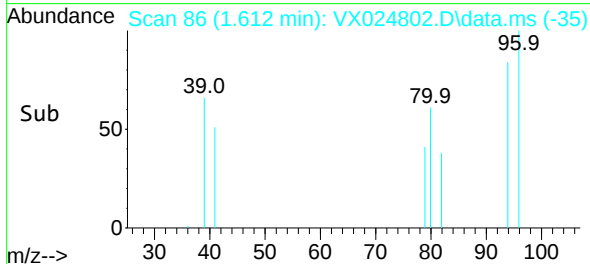
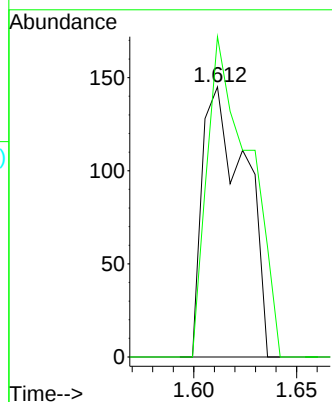
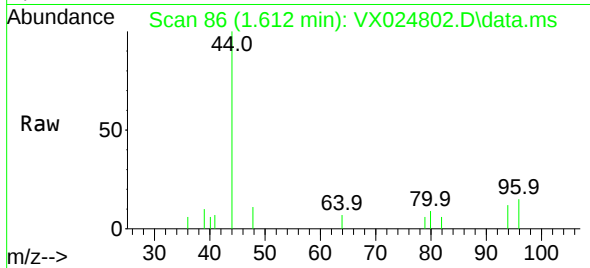




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

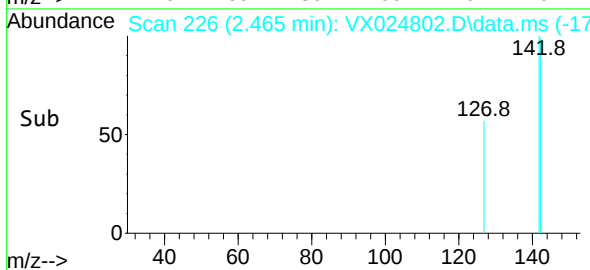
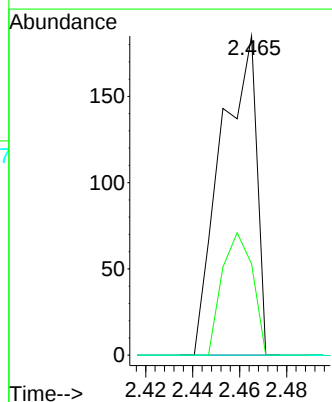
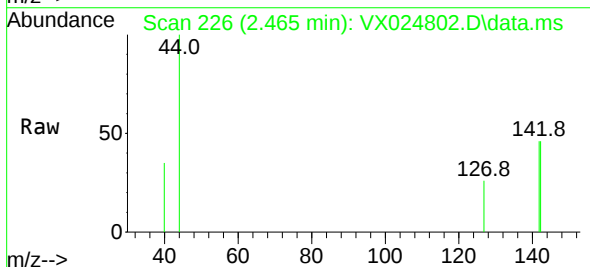
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

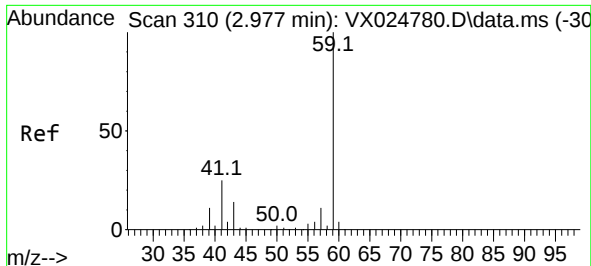
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 118.6 74.8 112.2#



#10
Methyl Iodide
Concen: 1.039 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 142 Resp: 194
Ion Ratio Lower Upper
142 100
127 33.0 38.9 58.3#
141 0.0 11.7 17.5#



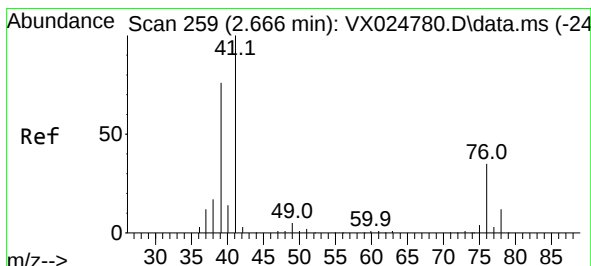
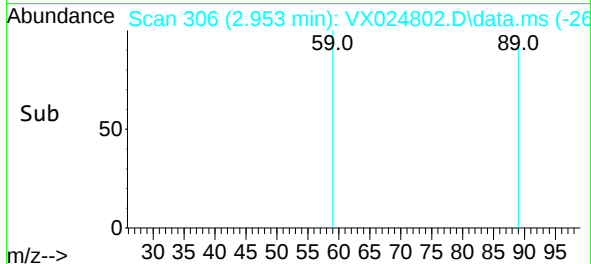
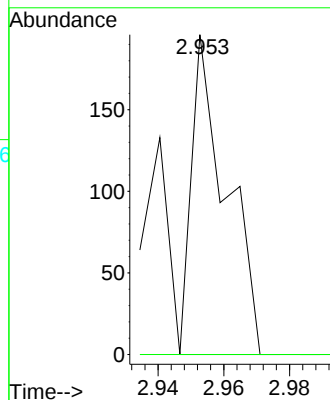
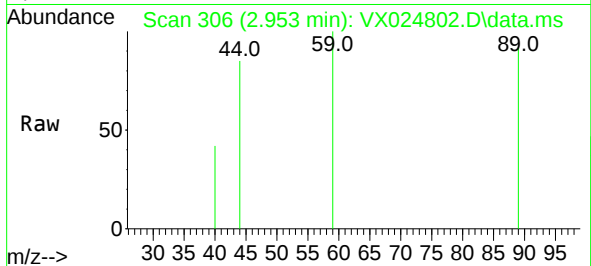


#11

Tert butyl alcohol
Concen: 0.433 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

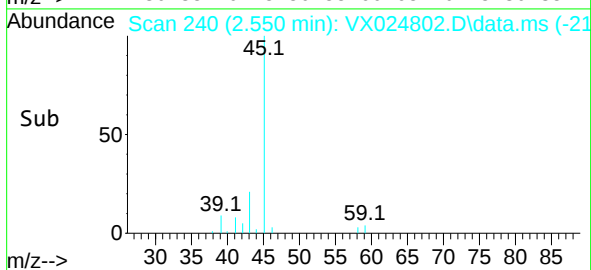
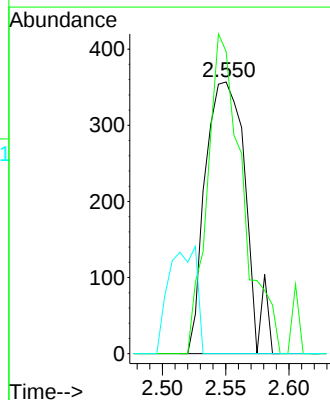
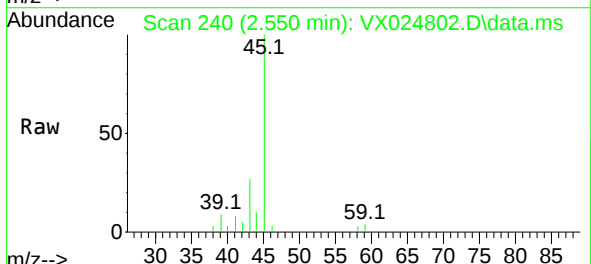
Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

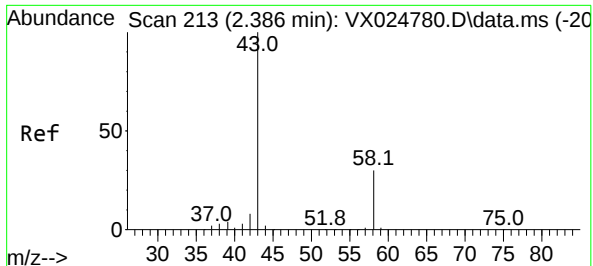


#14

Allyl chloride
Concen: 0.395 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 41 Resp: 792
Ion Ratio Lower Upper
41 100
39 102.7 54.6 82.0#
76 0.0 25.3 37.9#

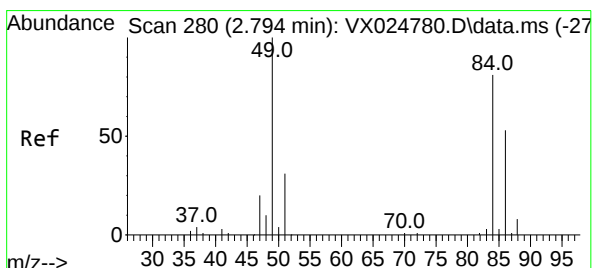
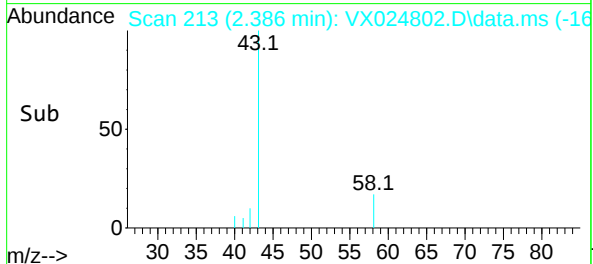
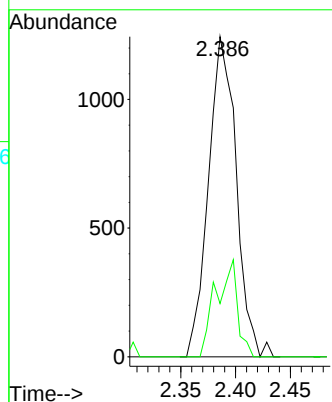
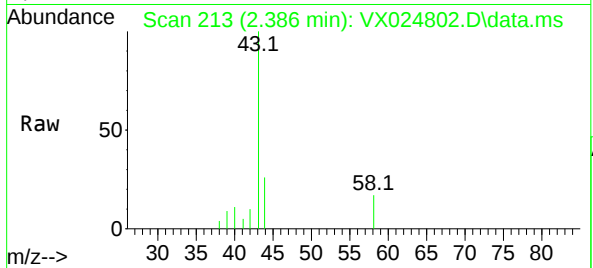




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

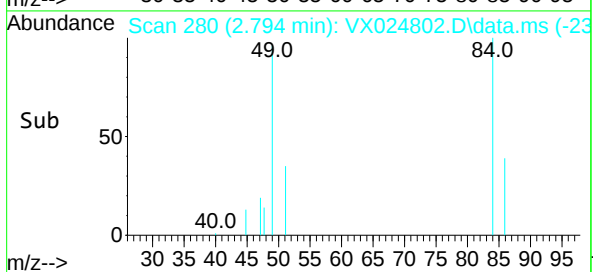
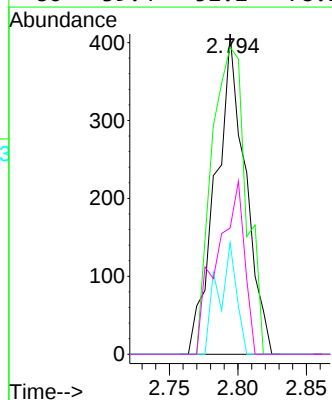
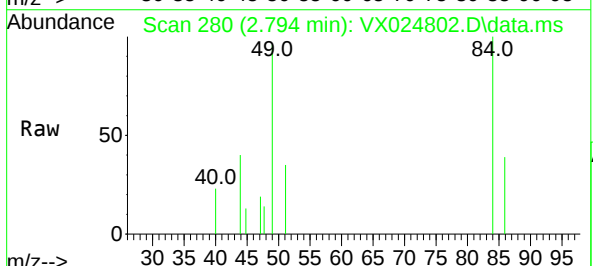
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

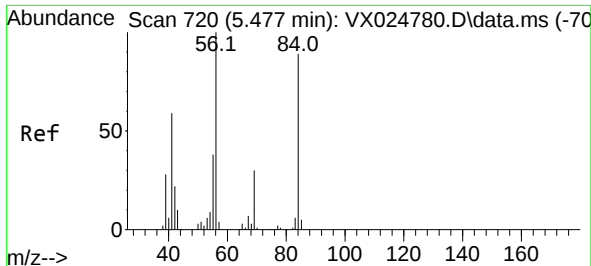
Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
58 16.6 24.0 36.0#



#20
Methylene Chloride
Concen: 0.468 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 84 Resp: 621
Ion Ratio Lower Upper
84 100
49 95.9 98.2 147.2#
51 34.8 30.2 45.4
86 39.4 52.2 78.2#

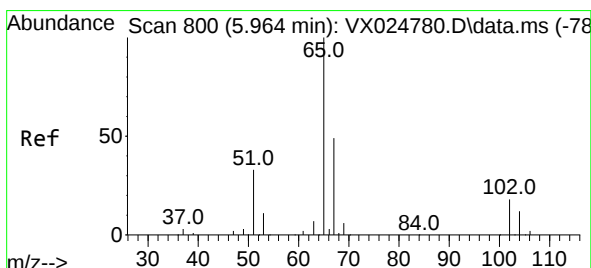
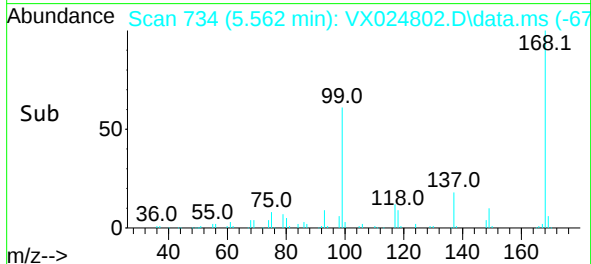
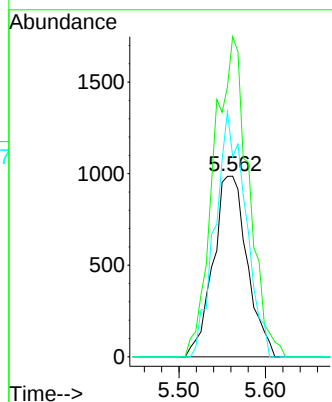
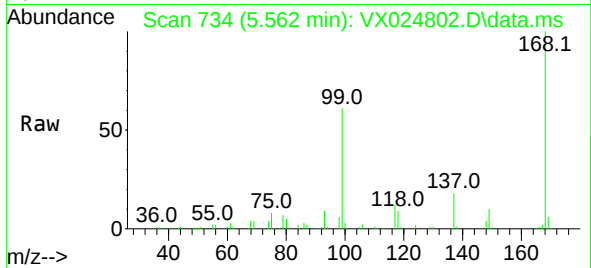




#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

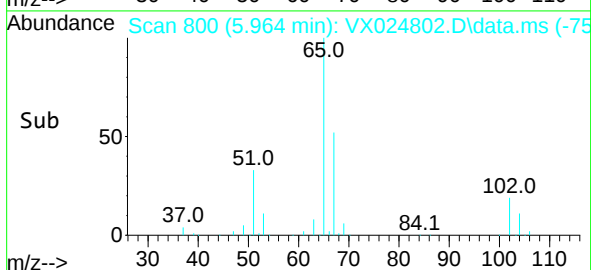
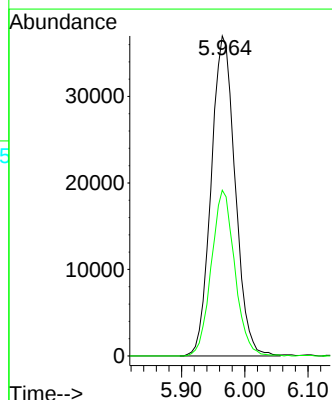
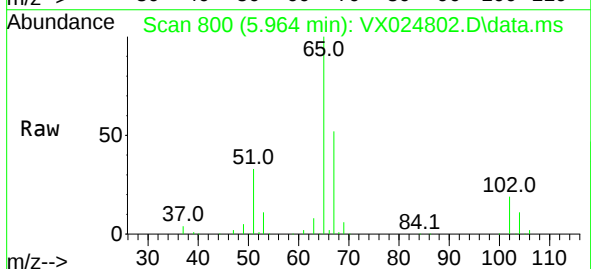
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

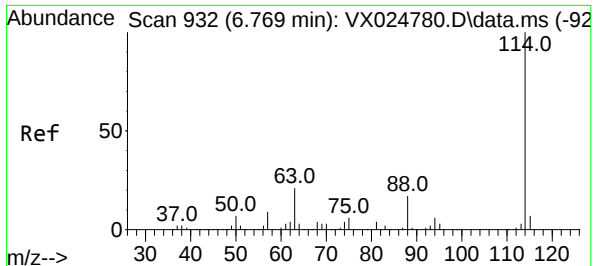
Tgt Ion: 56 Resp: 2685
Ion Ratio Lower Upper
56 100
69 177.3 24.2 36.2#
84 110.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 62.234 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 65 Resp: 97439
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.0

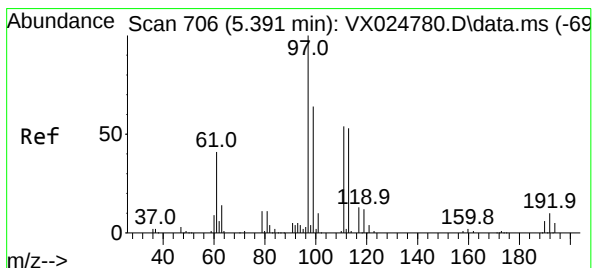
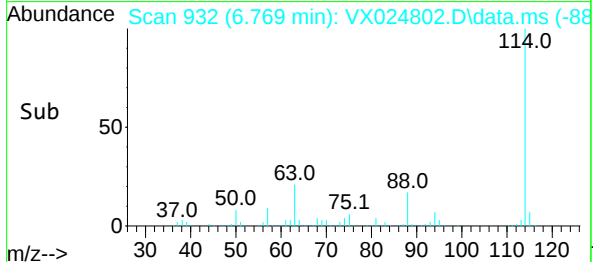
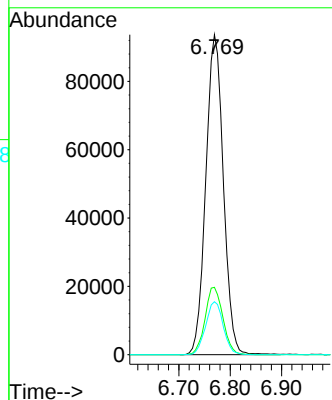
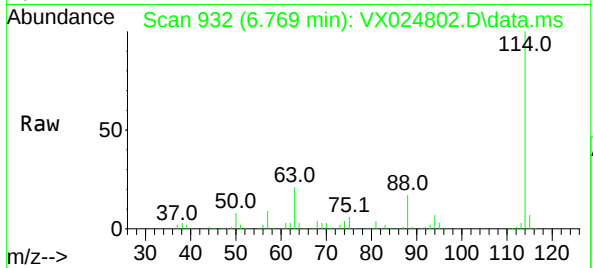




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

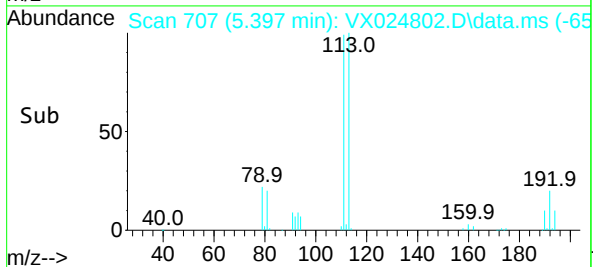
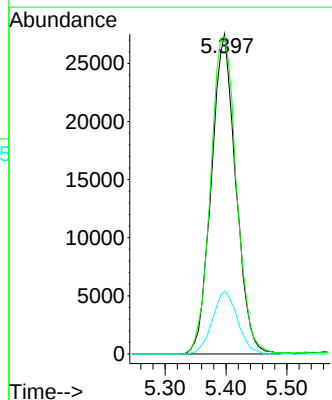
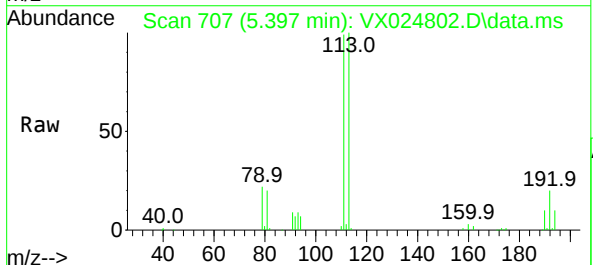
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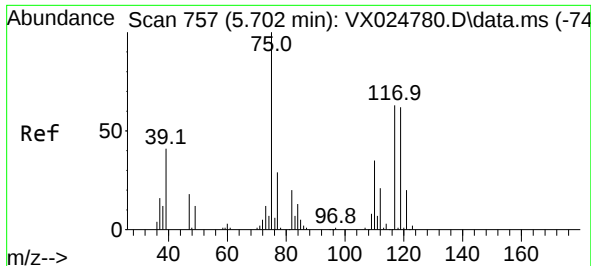
Tgt Ion:114 Resp: 222094
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.0
88 16.5 0.0 34.8



#35
Dibromofluoromethane
Concen: 58.068 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion:113 Resp: 76775
Ion Ratio Lower Upper
113 100
111 105.0 82.1 123.1
192 20.1 15.6 23.4

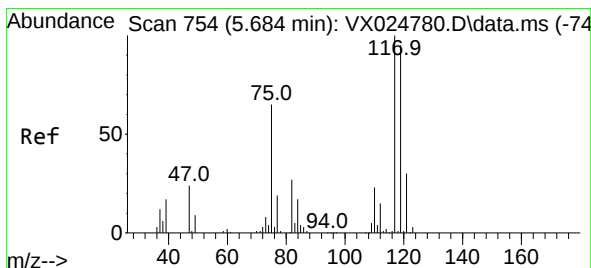
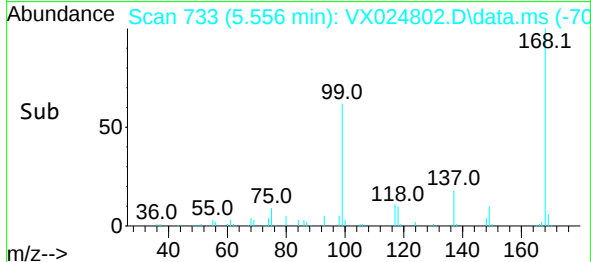
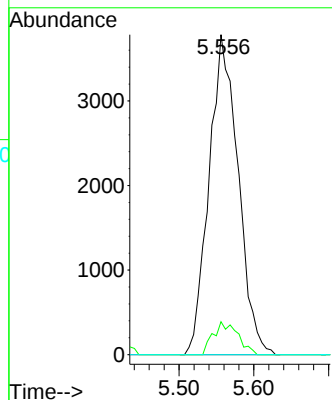
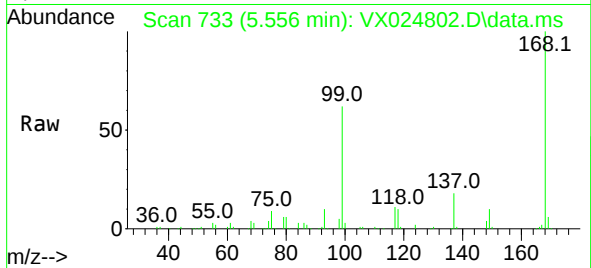




#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

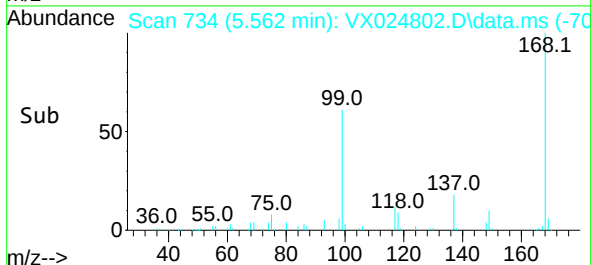
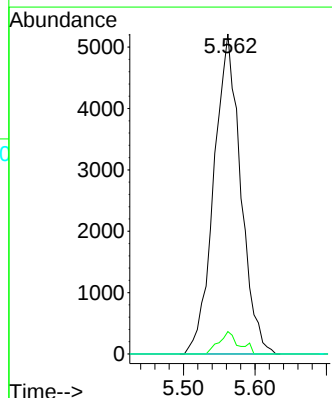
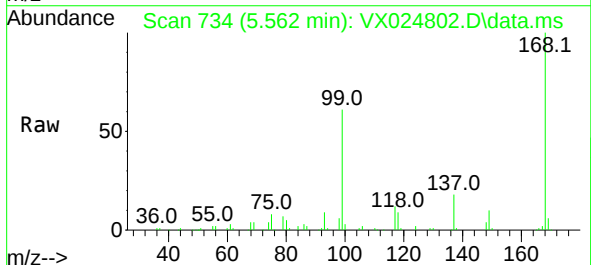
Instrument :
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SW-RR-01-(2.0)

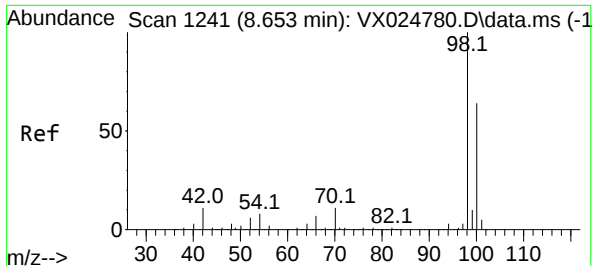
Tgt Ion: 75 Resp: 10221
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 117 Resp: 13592
Ion Ratio Lower Upper
117 100
119 7.0 75.6 113.4#
121 0.0 23.7 35.5#

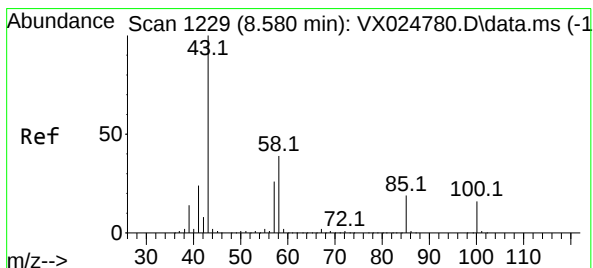
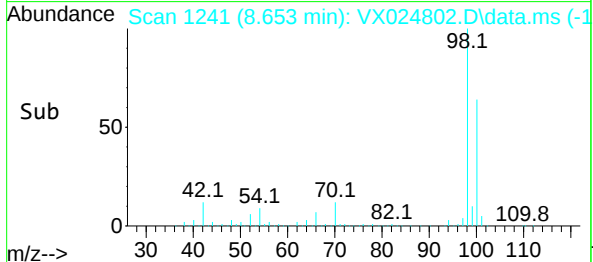
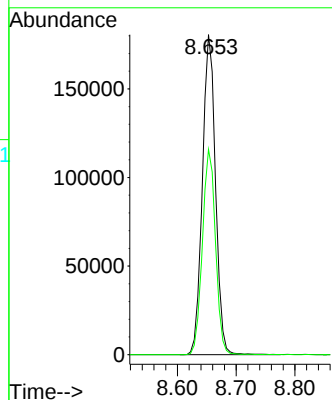
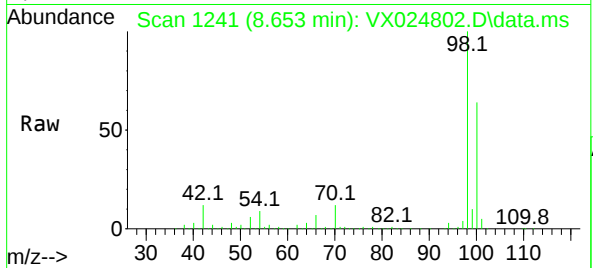




#50
Toluene-d8
Concen: 57.297 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

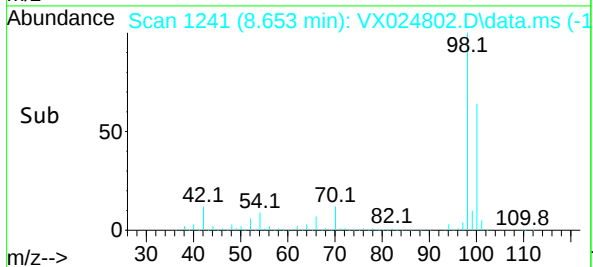
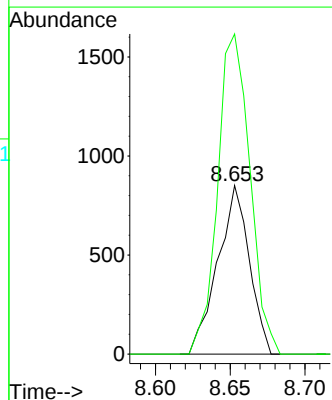
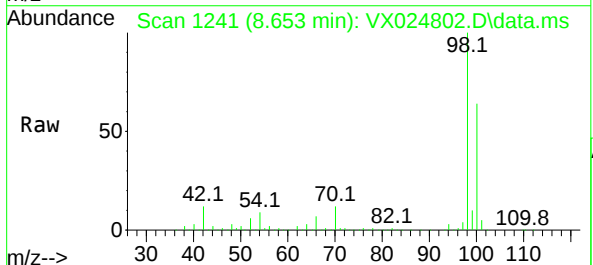
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

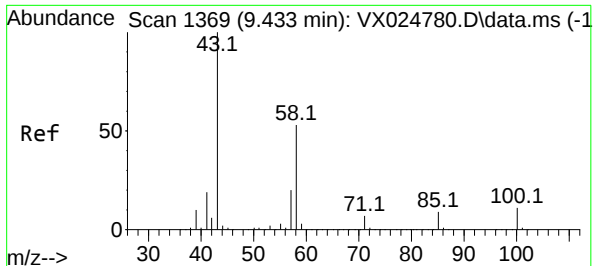
Tgt Ion: 98 Resp: 280222
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
58 194.6 30.9 46.3#

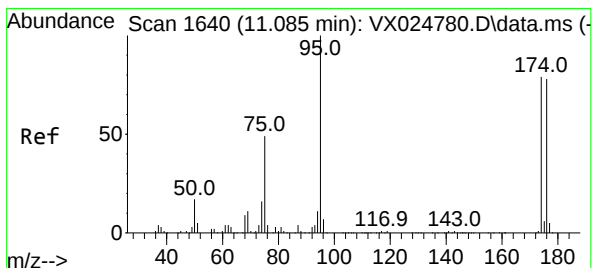
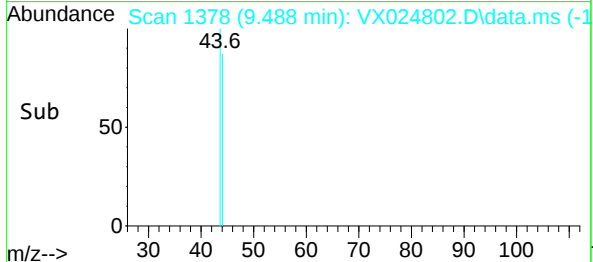
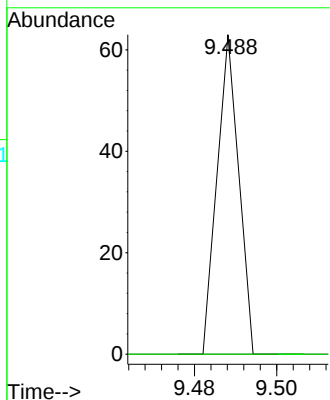
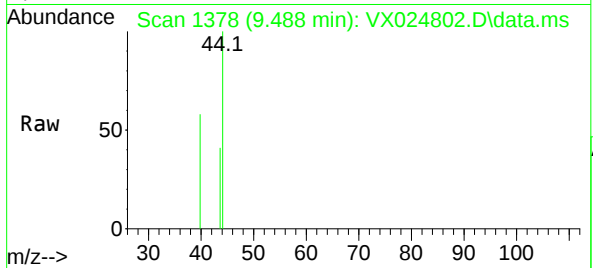




#59
2-Hexanone
Concen: Below Cal
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

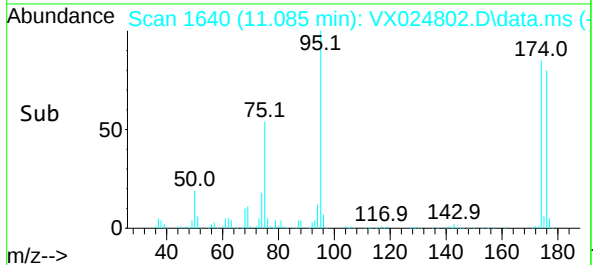
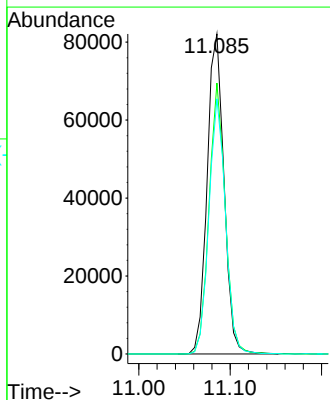
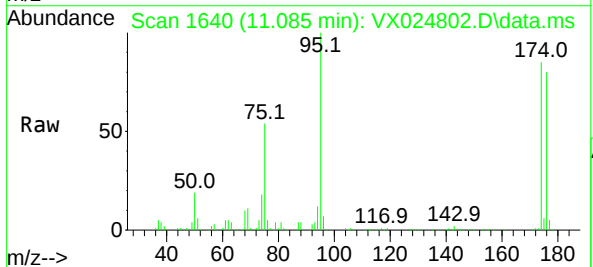
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

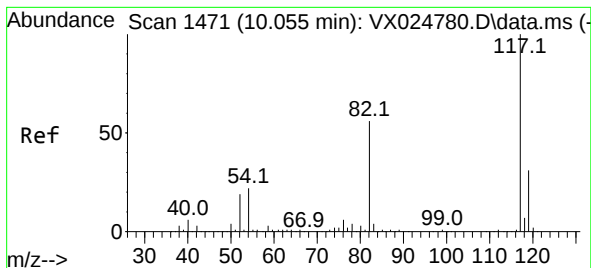
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
58 0.0 26.6 79.7#



#62
4-Bromofluorobenzene
Concen: 54.458 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion: 95 Resp: 104752
Ion Ratio Lower Upper
95 100
174 81.3 0.0 158.0
176 78.3 0.0 153.6

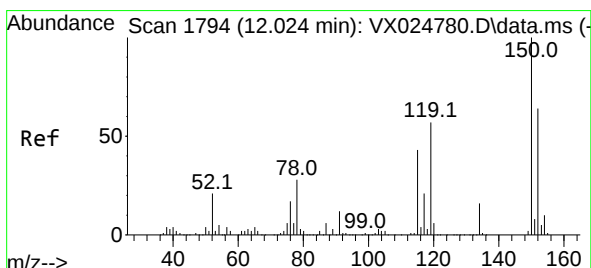
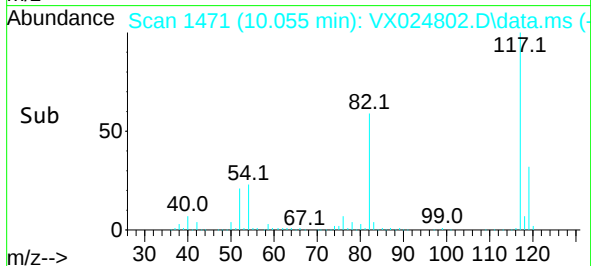
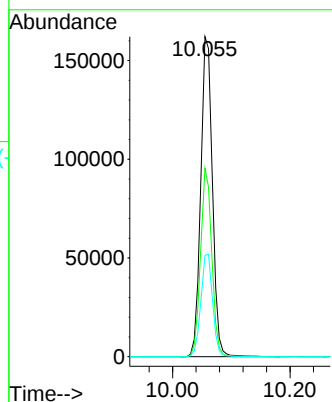
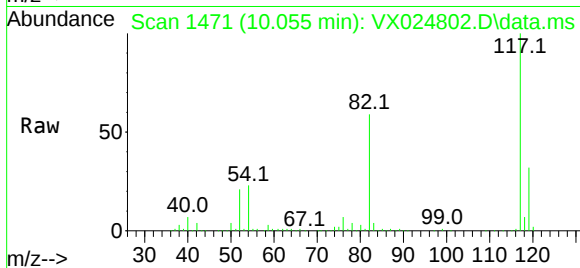




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

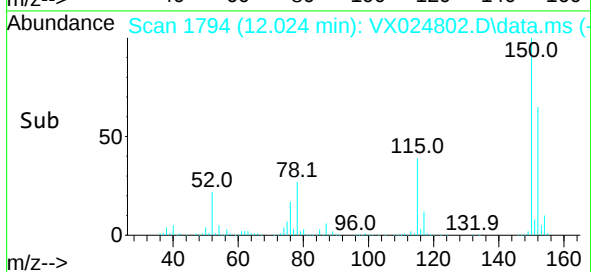
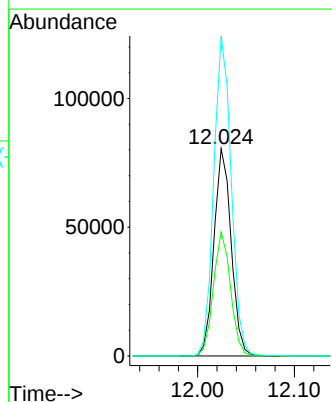
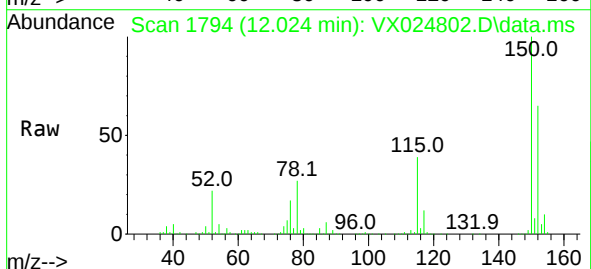
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

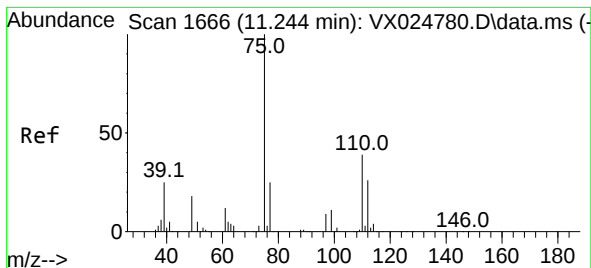
Tgt Ion:117 Resp: 223595
Ion Ratio Lower Upper
117 100
82 58.9 44.6 67.0
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Tgt Ion:152 Resp: 99270
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.8
150 157.1 0.0 351.2





#76

1,2,3-Trichloropropane

Concen: 27.338 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX024802.D

Acq: 13 Oct 2021 22:43

Tgt Ion: 75 Resp: 56619

Ion Ratio Lower Upper

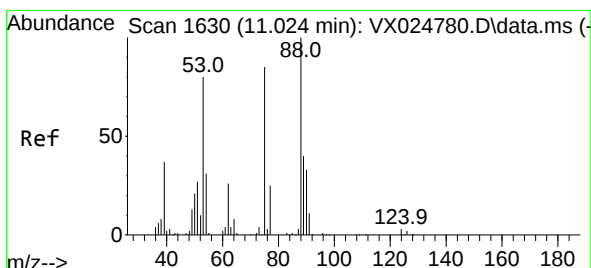
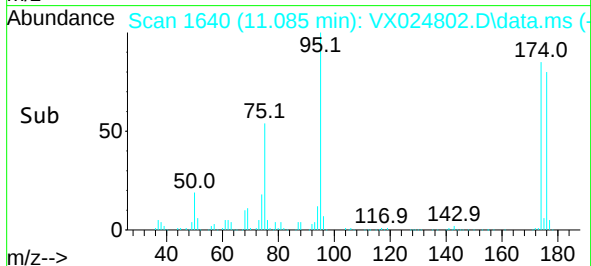
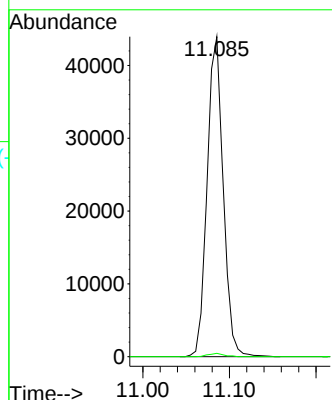
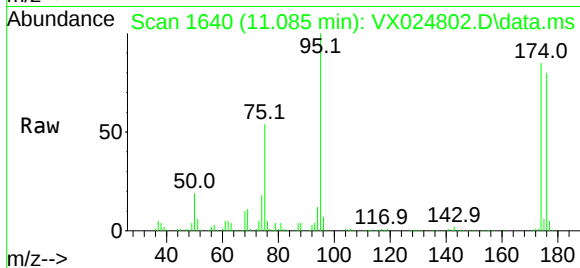
75 100
77 1.0 20.0 59.9#

Instrument :

MSVOA_X

ClientSampleId :

SW-RR-01-(2.0)



#81

trans-1,4-Dichloro-2-butene

Concen: 73.573 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

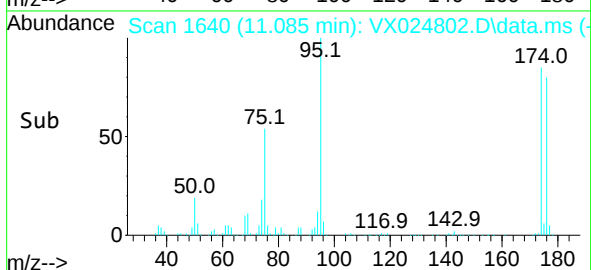
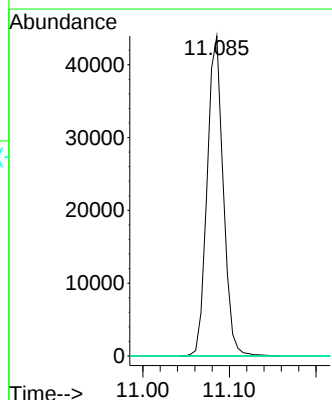
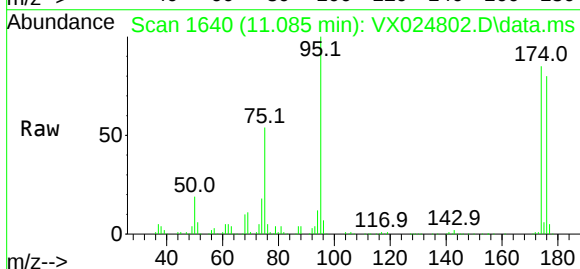
Lab File: VX024802.D

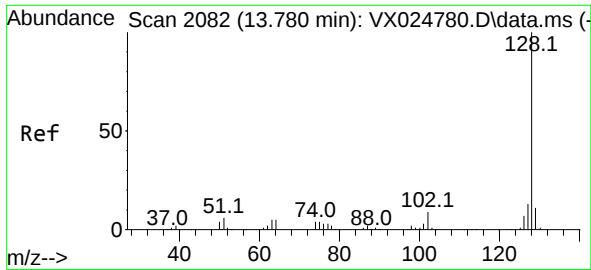
Acq: 13 Oct 2021 22:43

Tgt Ion: 75 Resp: 56619

Ion Ratio Lower Upper

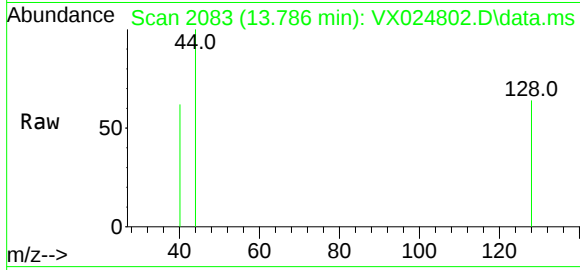
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#





#95
Naphthalene
Concen: 0.267 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024802.D
Acq: 13 Oct 2021 22:43

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)



Tgt Ion:128 Resp: 84
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

