

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024524.D
 Acq On : 04 Oct 2021 16:45
 Operator : JC/MD
 Sample : M4063-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Oct 05 03:21:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

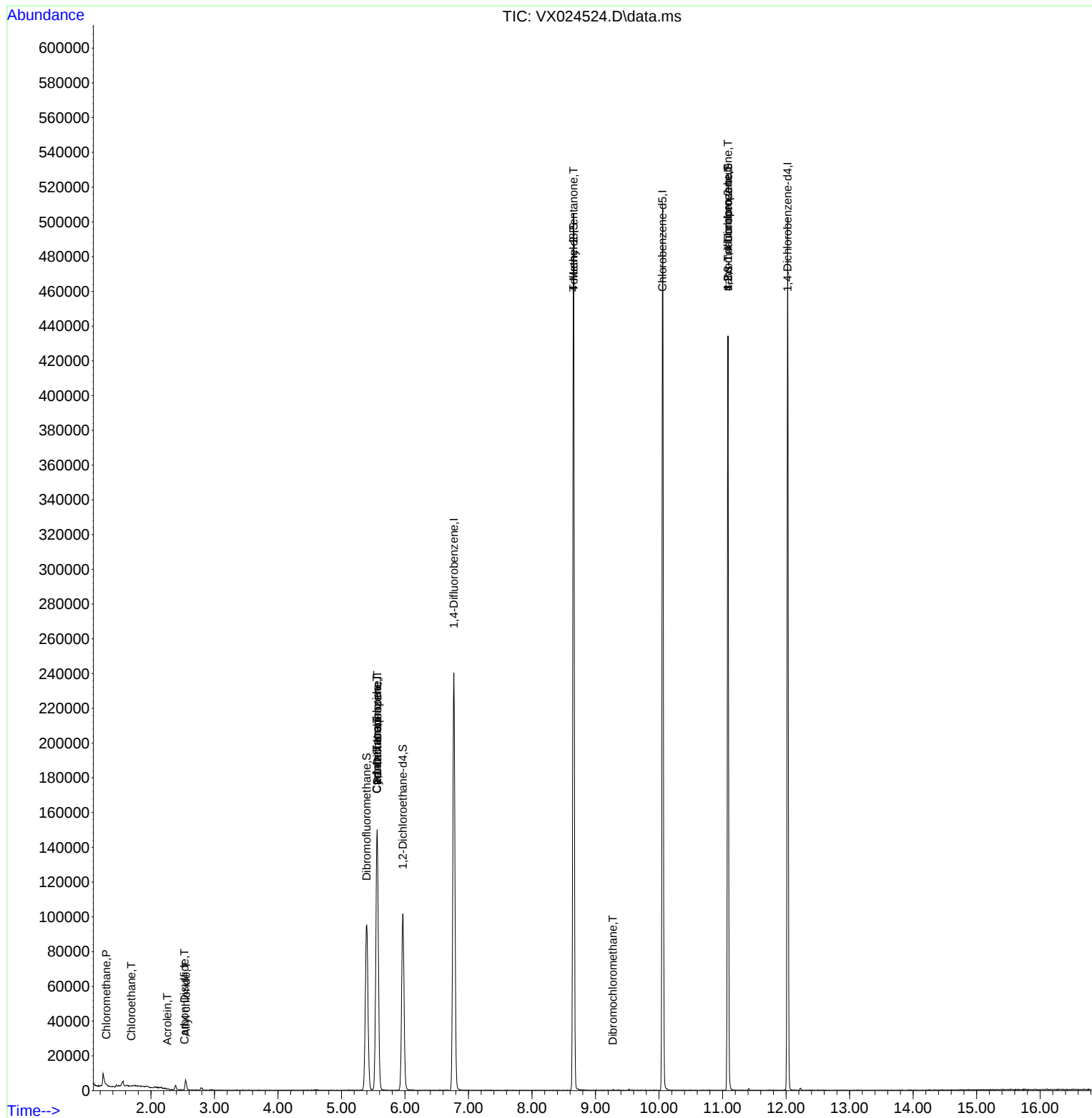
Internal Standards						
1) Pentafluorobenzene	5.562	168	138217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	237867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104596	53.694	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.380%			
35) Dibromofluoromethane	5.397	113	82004	51.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.780%			
50) Toluene-d8	8.653	98	291165	50.063	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.085	95	108008	47.232	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.460%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	329	0.251	ug/l	94
6) Chloroethane	1.691	64	117	0.386	ug/l #	43
11) Tert butyl alcohol	2.965	59	137	Below Cal	#	73
13) Acrolein	2.257	56	20	10.240	ug/l #	14
14) Allyl chloride	2.550	41	592	0.256	ug/l #	34
16) Acetone	2.386	43	2795	Below Cal		91
17) Carbon Disulfide	2.526	76	57	0.245	ug/l #	75
20) Methylene Chloride	2.794	84	685	Below Cal	#	78
31) Cyclohexane	5.556	56	2898	1.242	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11012	4.829	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14381	5.794	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1481	0.518	ug/l #	1
60) Dibromochloromethane	9.275	129	53	1.213	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	58460	25.696	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58460	70.018	ug/l #	12

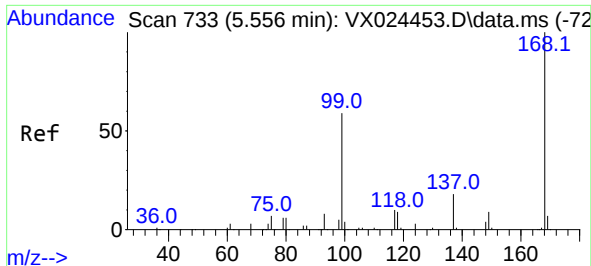
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
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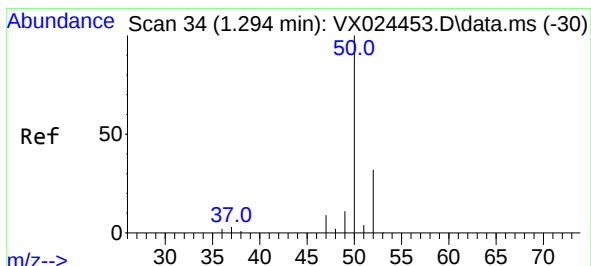
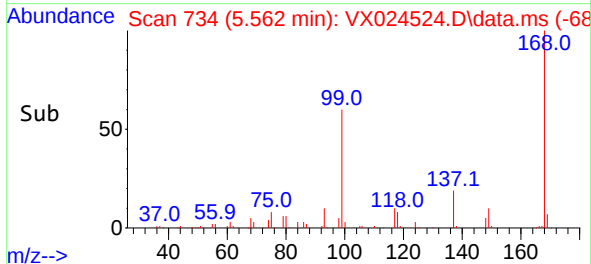
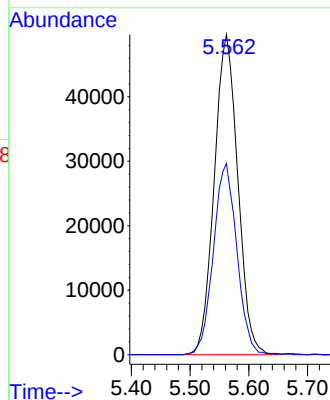
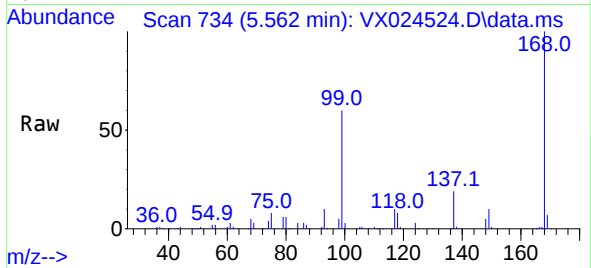




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

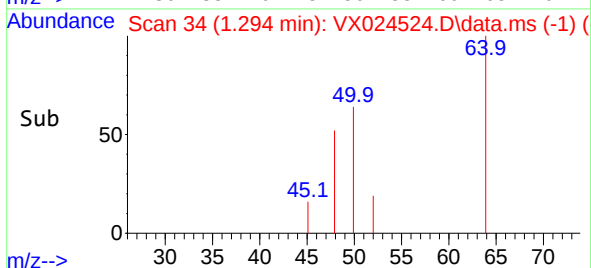
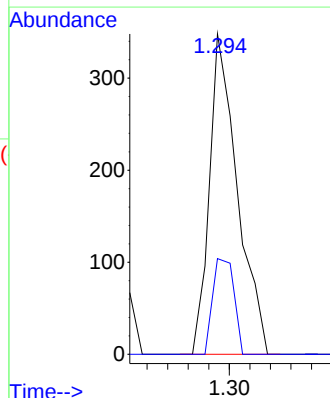
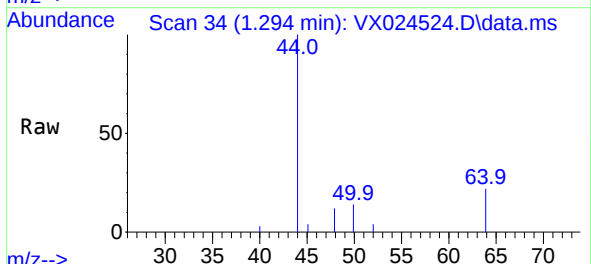
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

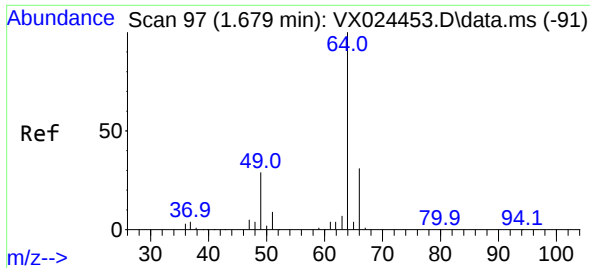
Tgt Ion:168 Resp: 138217
Ion Ratio Lower Upper
168 100
99 59.8 45.8 68.6



#3
Chloromethane
Concen: 0.251 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 50 Resp: 329
Ion Ratio Lower Upper
50 100
52 29.9 26.4 39.6

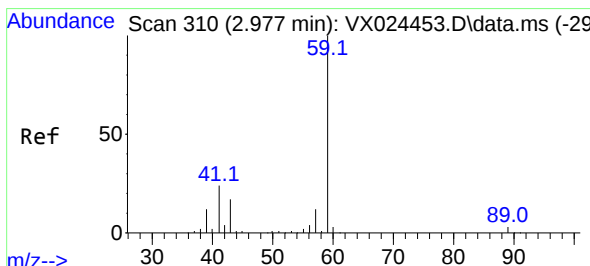
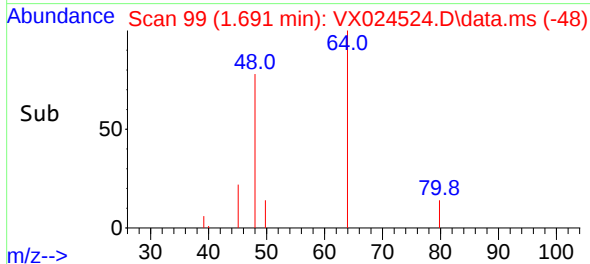
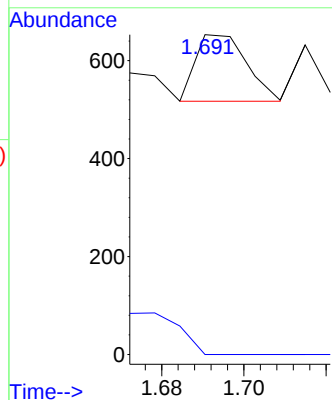
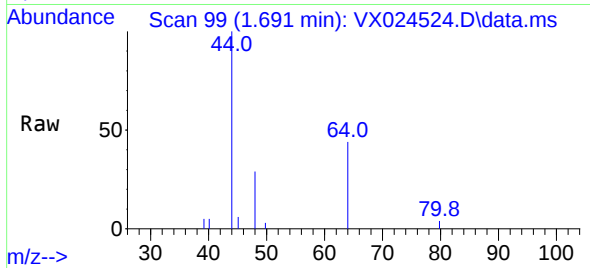




#6
Chloroethane
Concen: 0.386 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.012 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

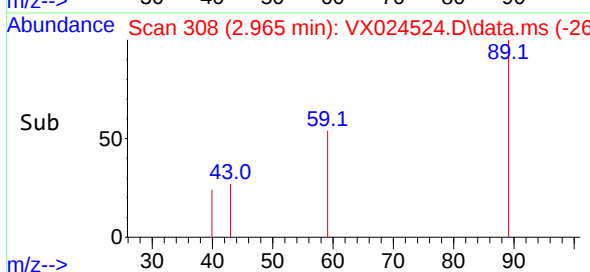
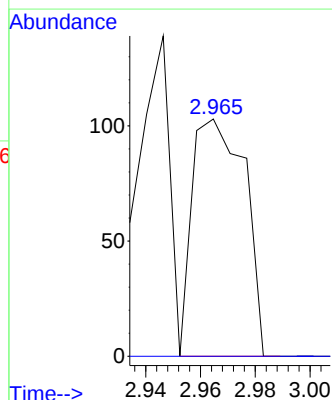
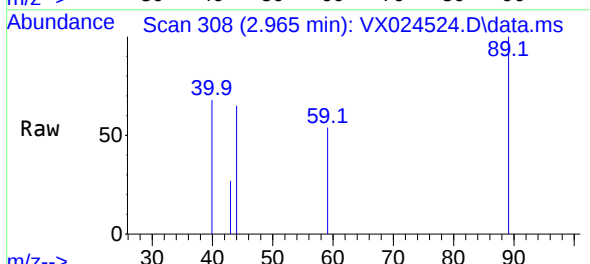
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

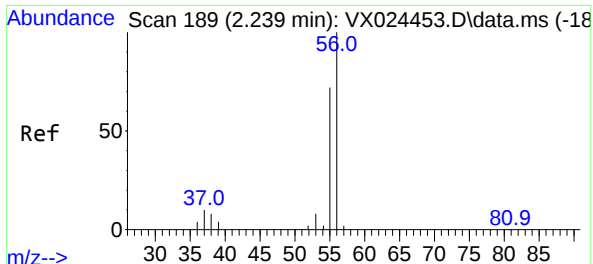
Tgt Ion: 64 Resp: 117
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

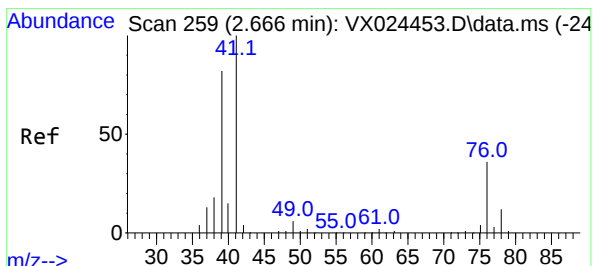
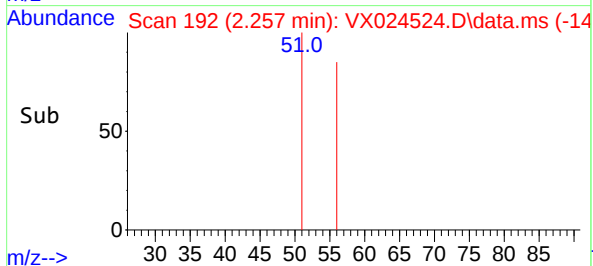
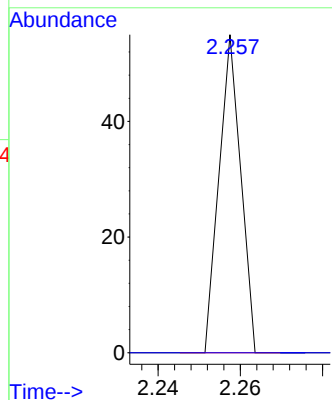
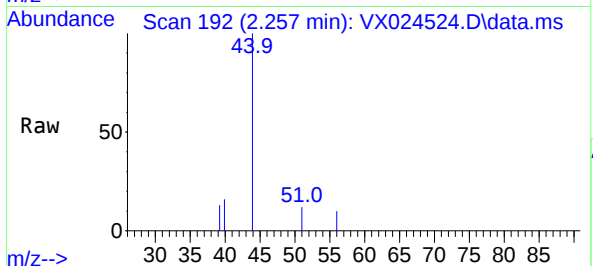




#13
Acrolein
Concen: 10.240 ug/l
RT: 2.257 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

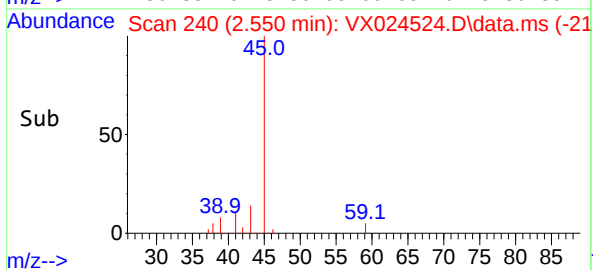
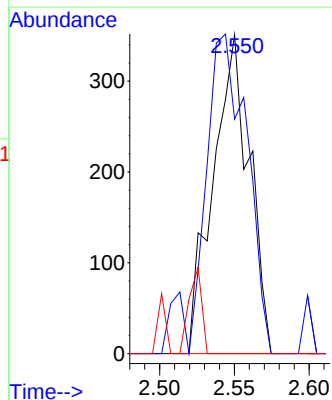
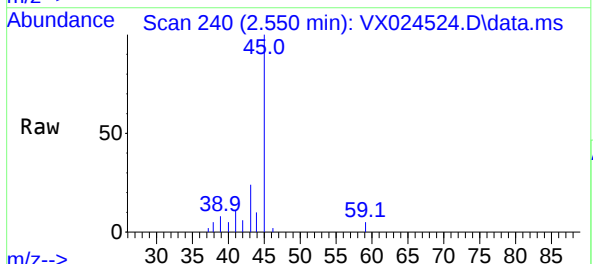
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

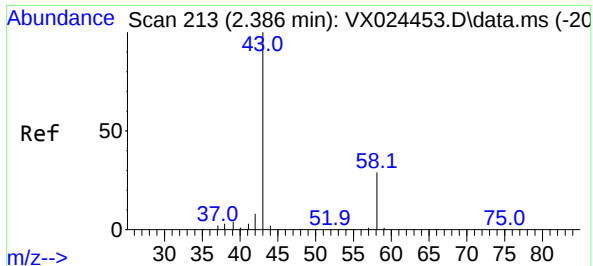
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.256 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.116 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 41 Resp: 592
Ion Ratio Lower Upper
41 100
39 118.1 51.6 77.4#
76 0.0 30.5 45.7#

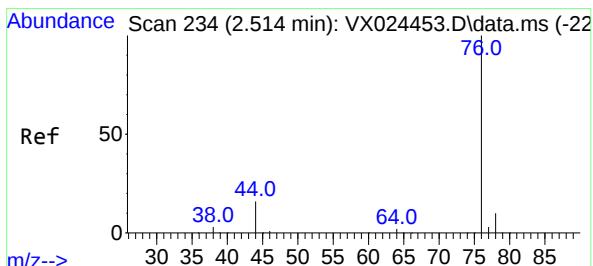
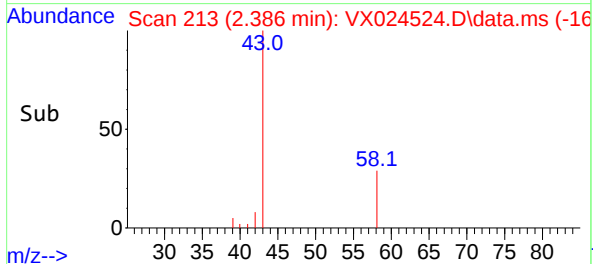
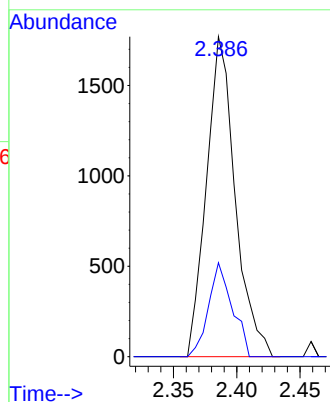
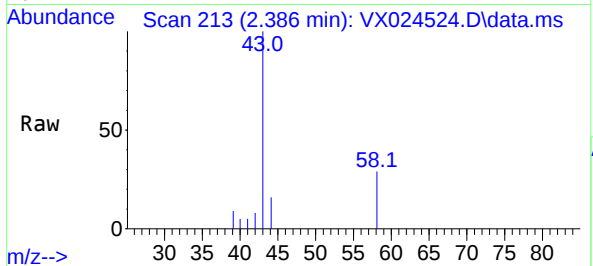




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

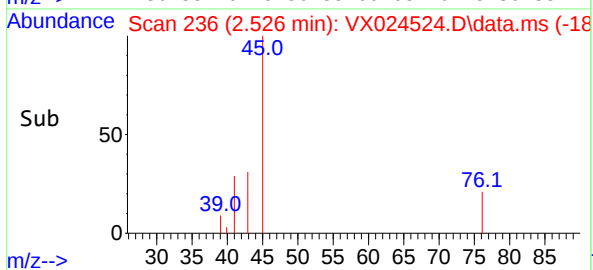
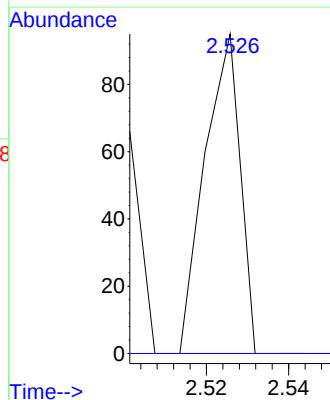
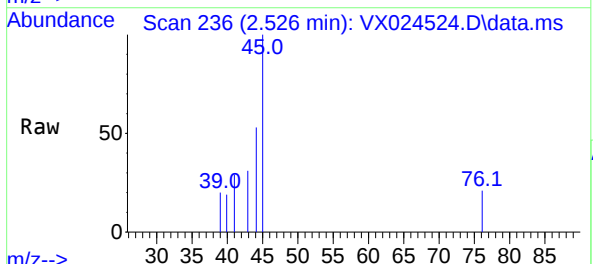
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

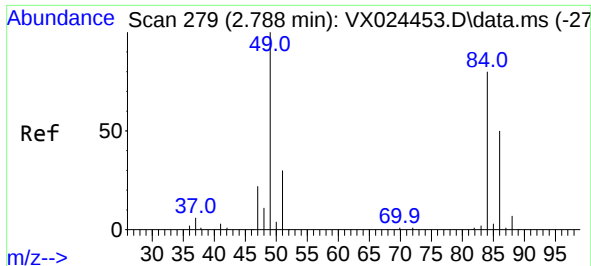
Tgt Ion: 43 Resp: 2795
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



#17
Carbon Disulfide
Concen: 0.245 ug/l
RT: 2.526 min Scan# 236
Delta R.T. 0.012 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 76 Resp: 57
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX024524.D

Acq: 04 Oct 2021 16:45

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

Tgt Ion: 84 Resp: 685

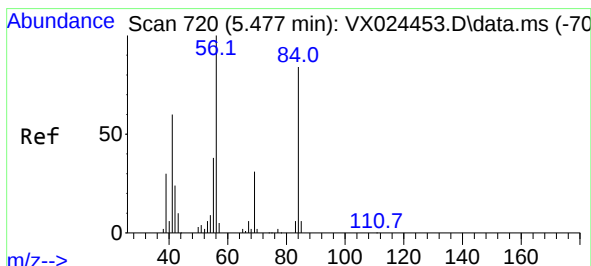
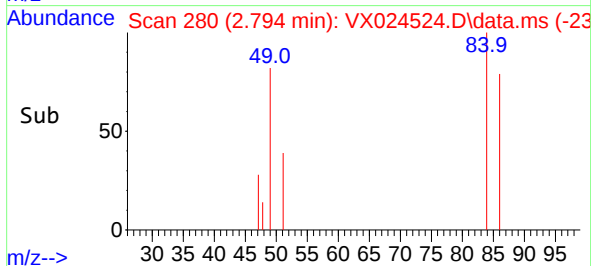
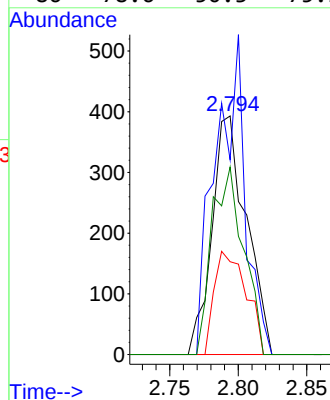
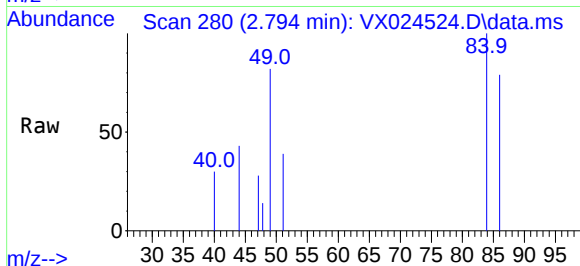
Ion Ratio Lower Upper

84 100

49 81.7 88.6 132.8#

51 38.9 27.0 40.6

86 78.6 50.3 75.5#



#31

Cyclohexane

Concen: 1.242 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024524.D

Acq: 04 Oct 2021 16:45

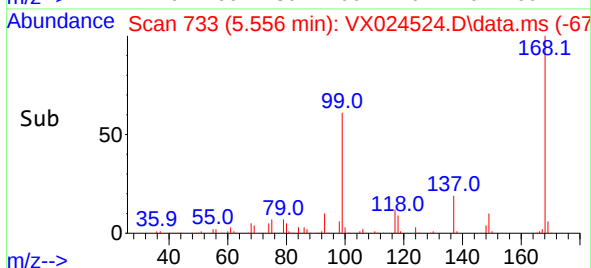
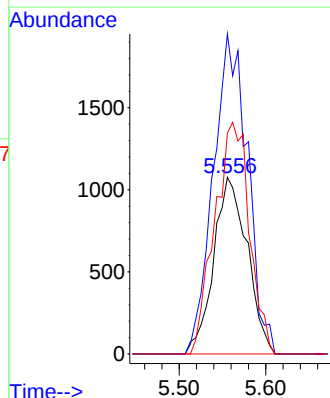
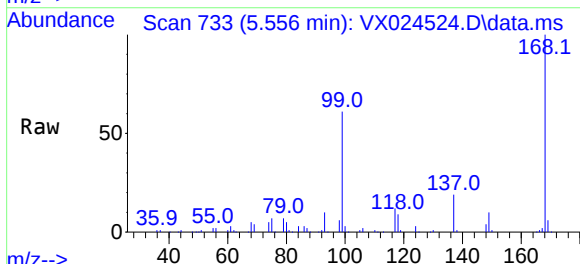
Tgt Ion: 56 Resp: 2898

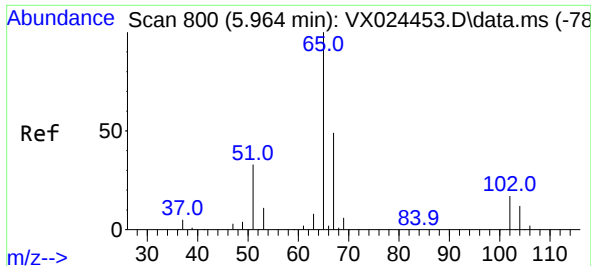
Ion Ratio Lower Upper

56 100

69 181.1 25.3 37.9#

84 125.1 71.4 107.0#



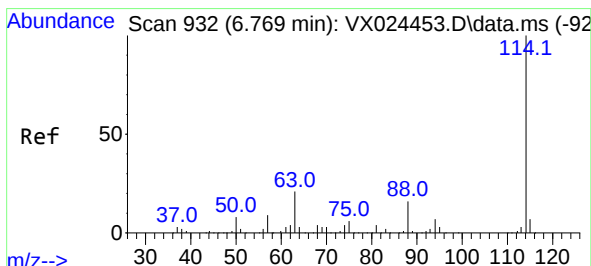
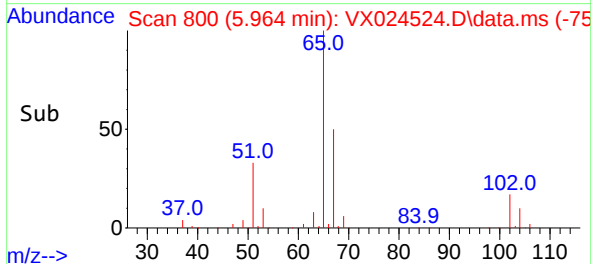
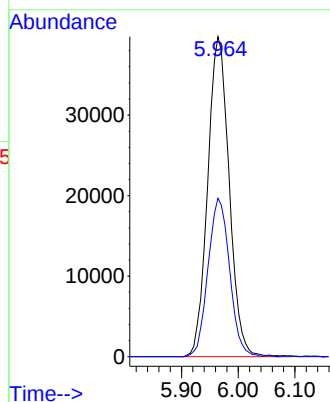
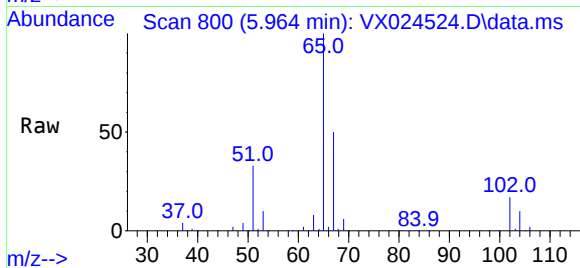


#33

1,2-Dichloroethane-d4
Concen: 53.694 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

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

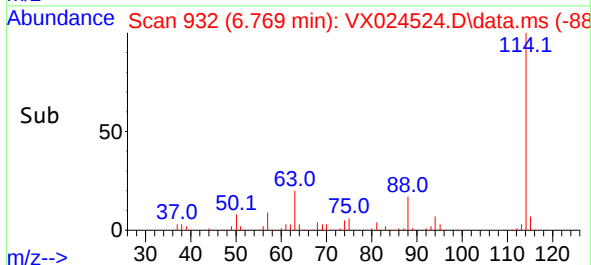
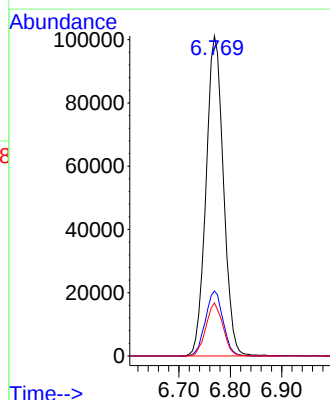
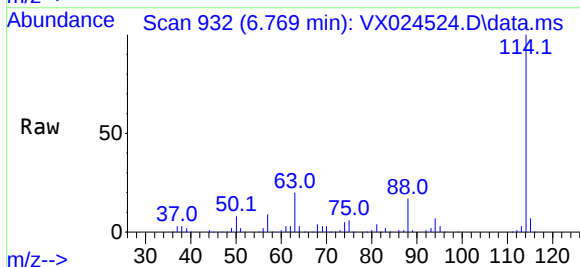
Tgt Ion: 65 Resp: 104596
Ion Ratio Lower Upper
65 100
67 49.6 0.0 105.4

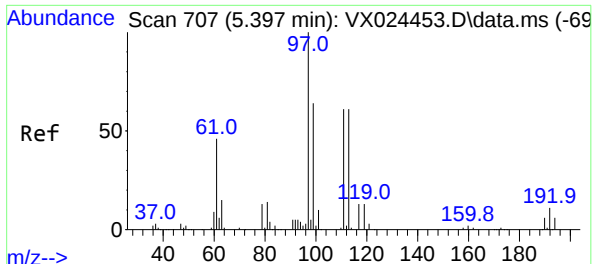


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

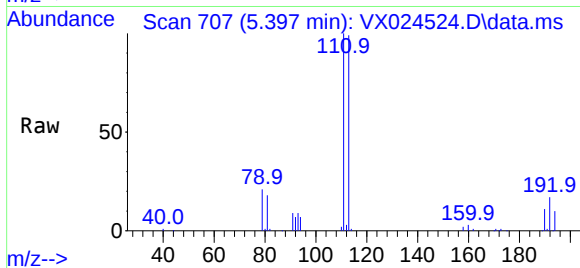
Tgt Ion: 114 Resp: 237867
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.6 0.0 32.8



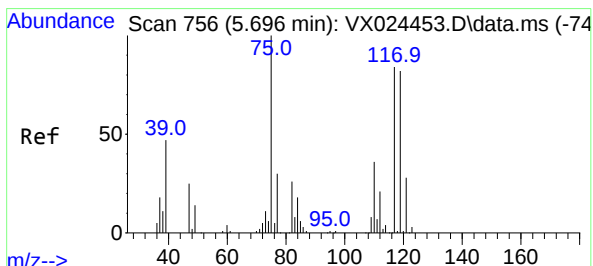
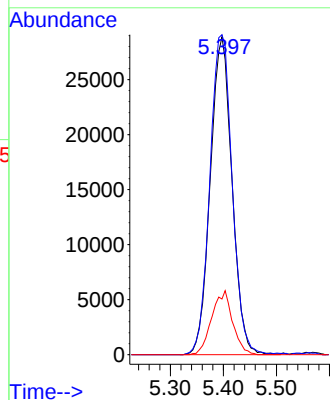
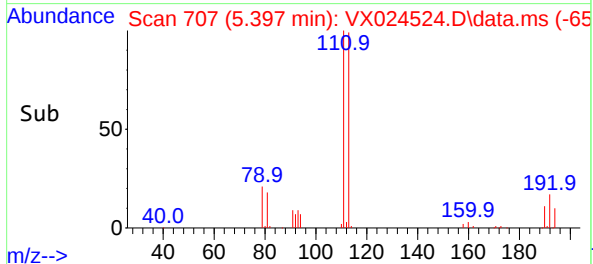


#35
Dibromofluoromethane
Concen: 51.894 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

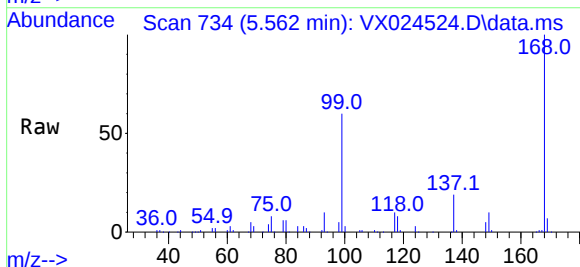
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)



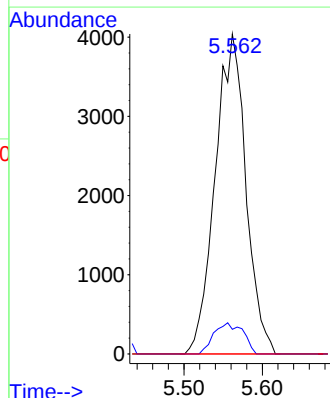
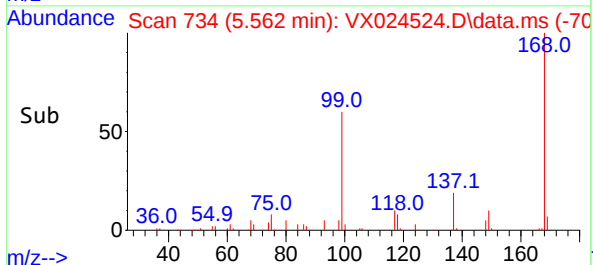
Tgt Ion:113 Resp: 82004
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.4 16.7 25.1

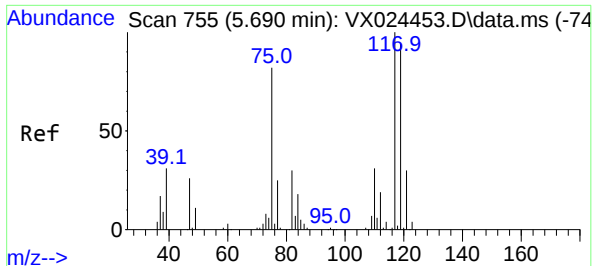


#36
1,1-Dichloropropene
Concen: 4.829 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45



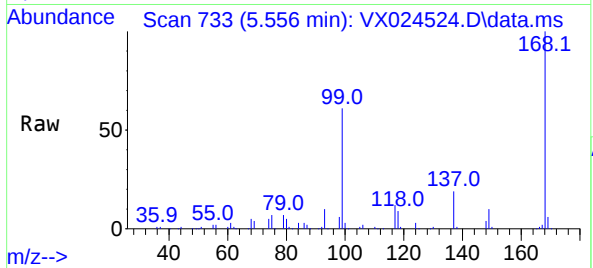
Tgt Ion: 75 Resp: 11012
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



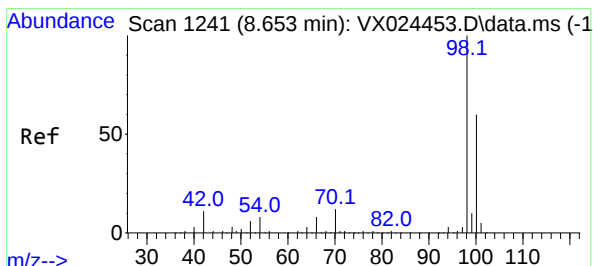
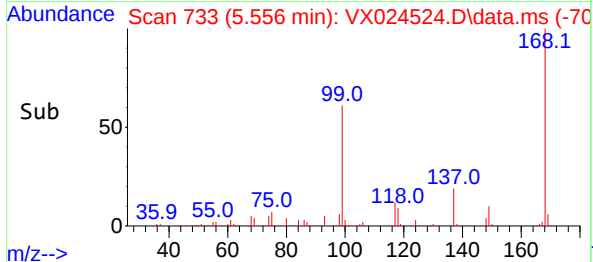
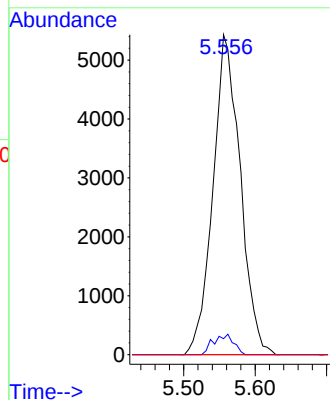


#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

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

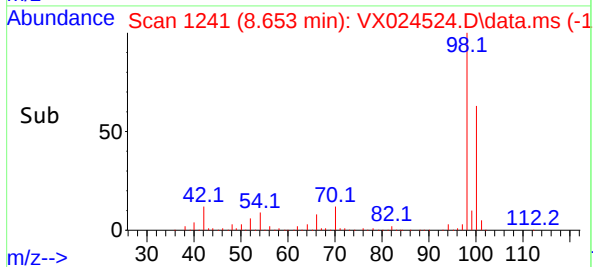
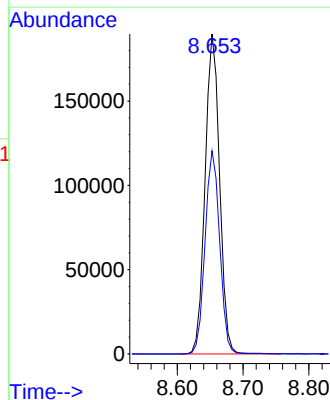
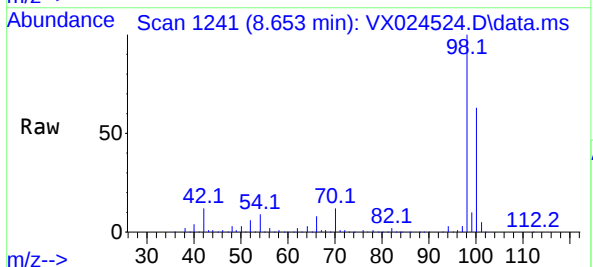


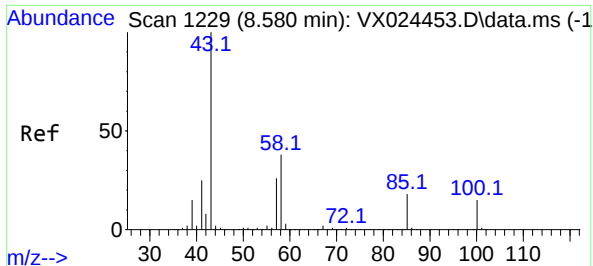
Tgt Ion:117 Resp: 14381
Ion Ratio Lower Upper
117 100
119 5.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.063 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 98 Resp: 291165
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9

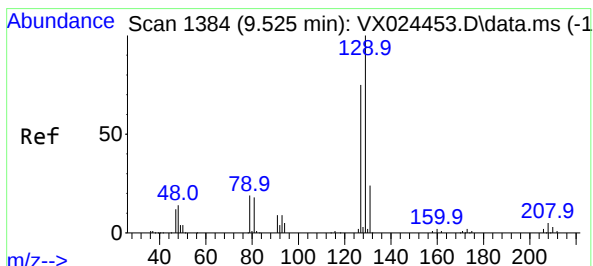
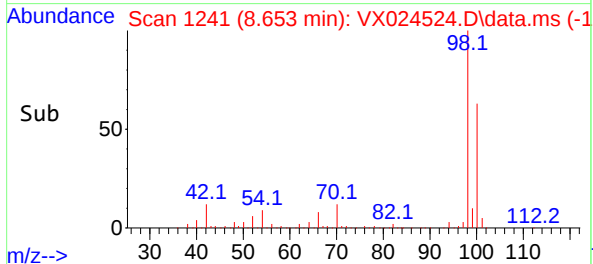
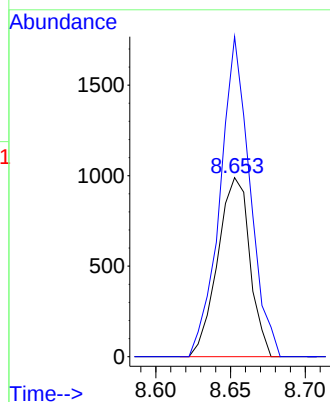
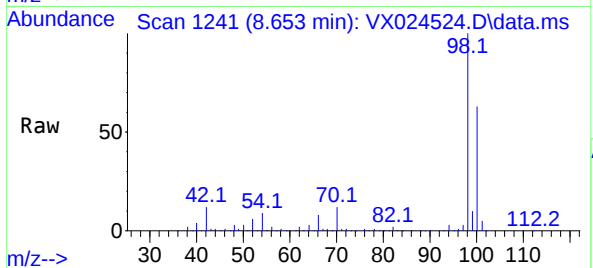




#51
4-Methyl-2-Pentanone
Concen: 0.518 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

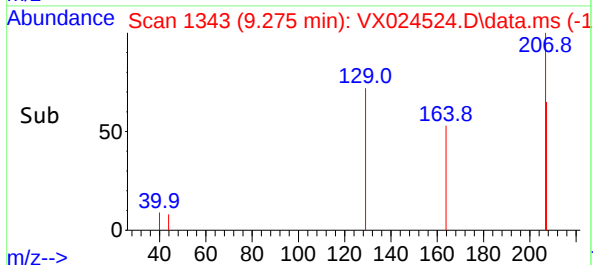
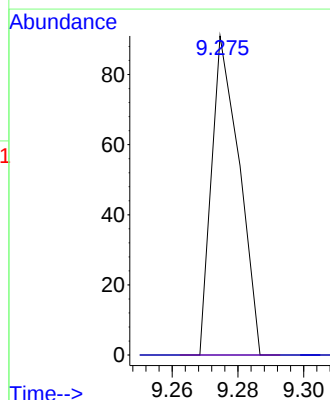
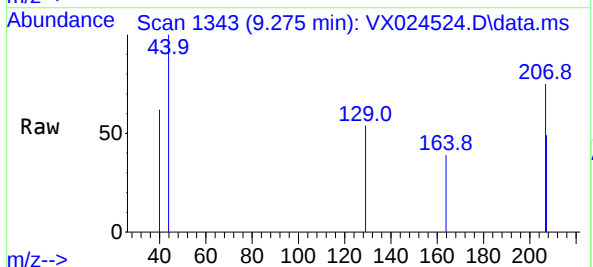
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

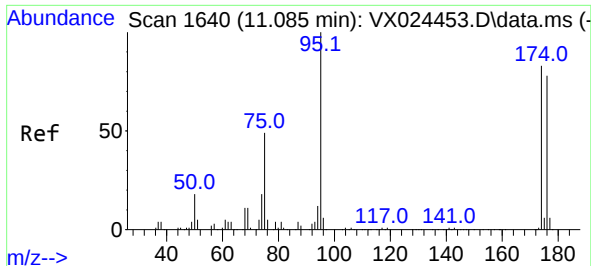
Tgt Ion: 43 Resp: 1481
Ion Ratio Lower Upper
43 100
58 166.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.213 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 129 Resp: 53
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

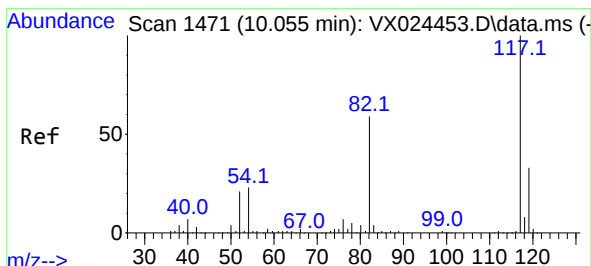
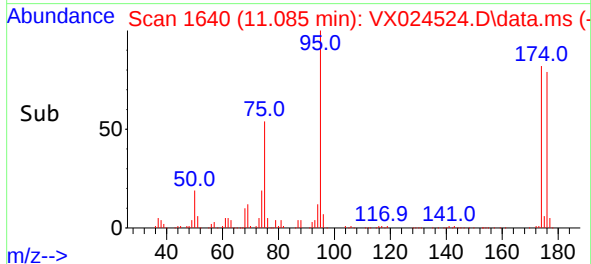
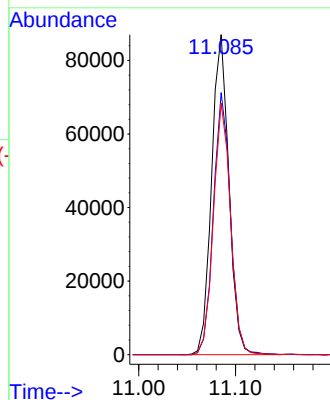
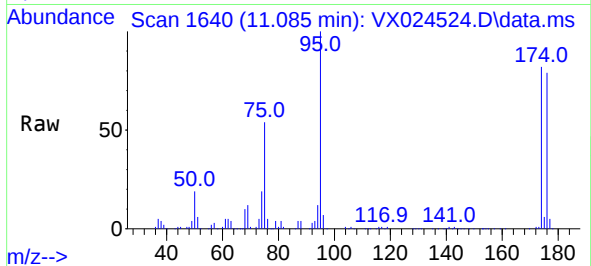




#62
4-Bromofluorobenzene
Concen: 47.232 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

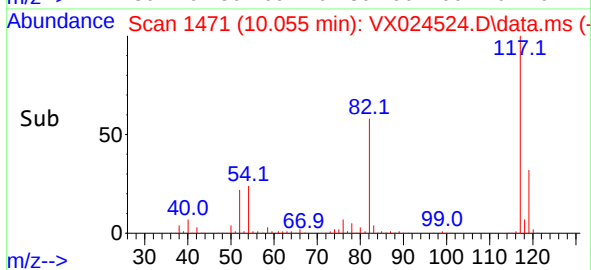
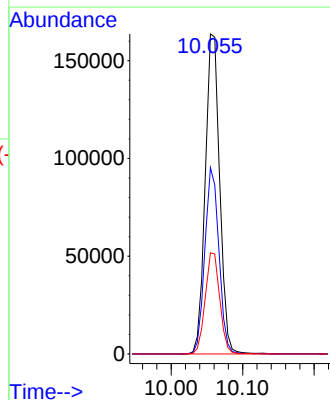
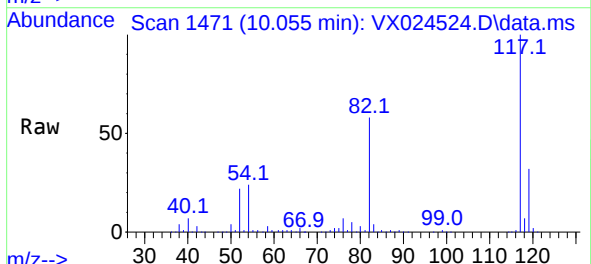
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

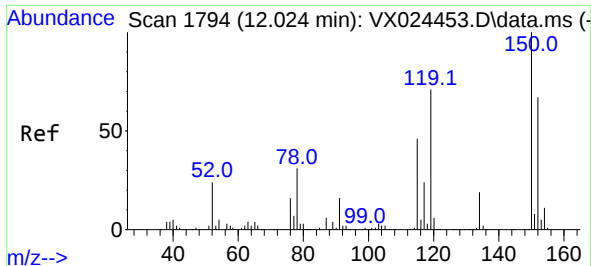
Tgt Ion: 95 Resp: 108008
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

Tgt Ion: 117 Resp: 230208
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.6 26.6 39.8

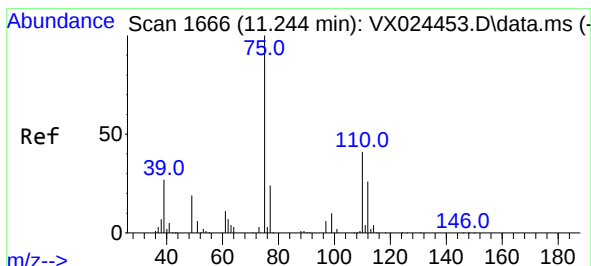
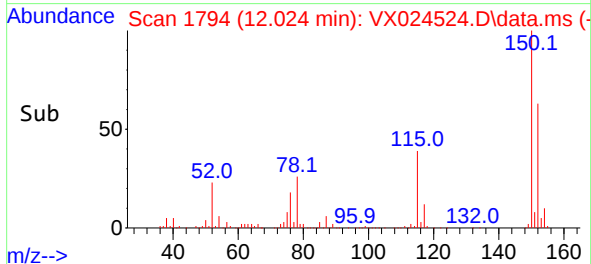
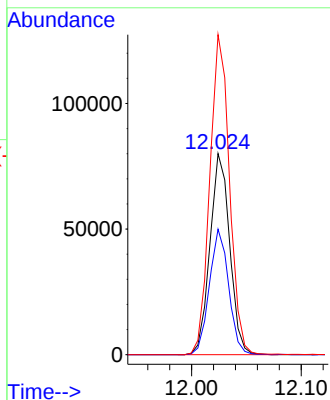
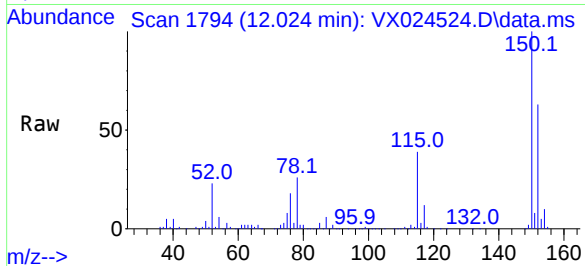




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

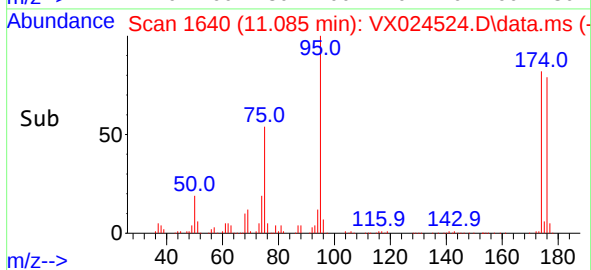
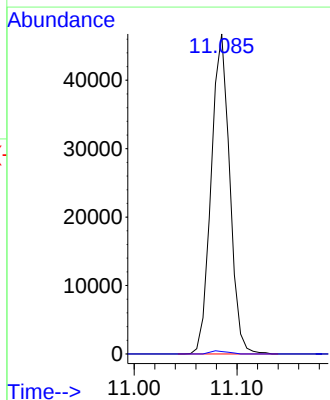
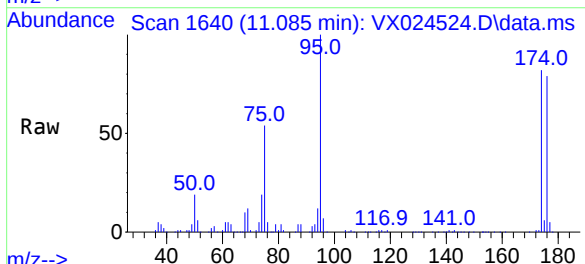
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-01-(2.0)

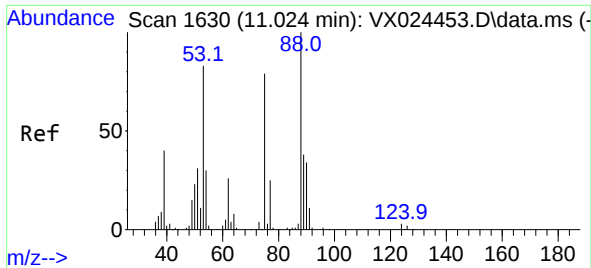
Tgt Ion:152 Resp: 100181
Ion Ratio Lower Upper
152 100
115 60.9 41.1 123.3
150 158.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.696 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024524.D
Acq: 04 Oct 2021 16:45

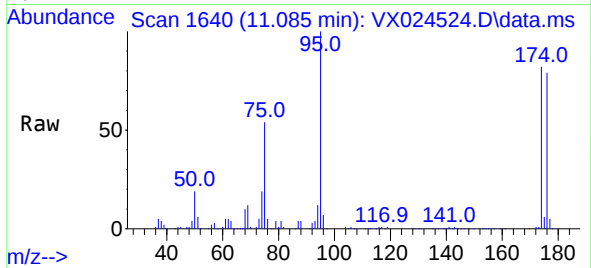
Tgt Ion: 75 Resp: 58460
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.018 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX024524.D
 Acq: 04 Oct 2021 16:45

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



Tgt Ion: 75 Resp: 58460
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

