

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024523.D
 Acq On : 04 Oct 2021 16:22
 Operator : JC/MD
 Sample : M4063-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-03-(SA)

Quant Time: Oct 05 03:20:57 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)

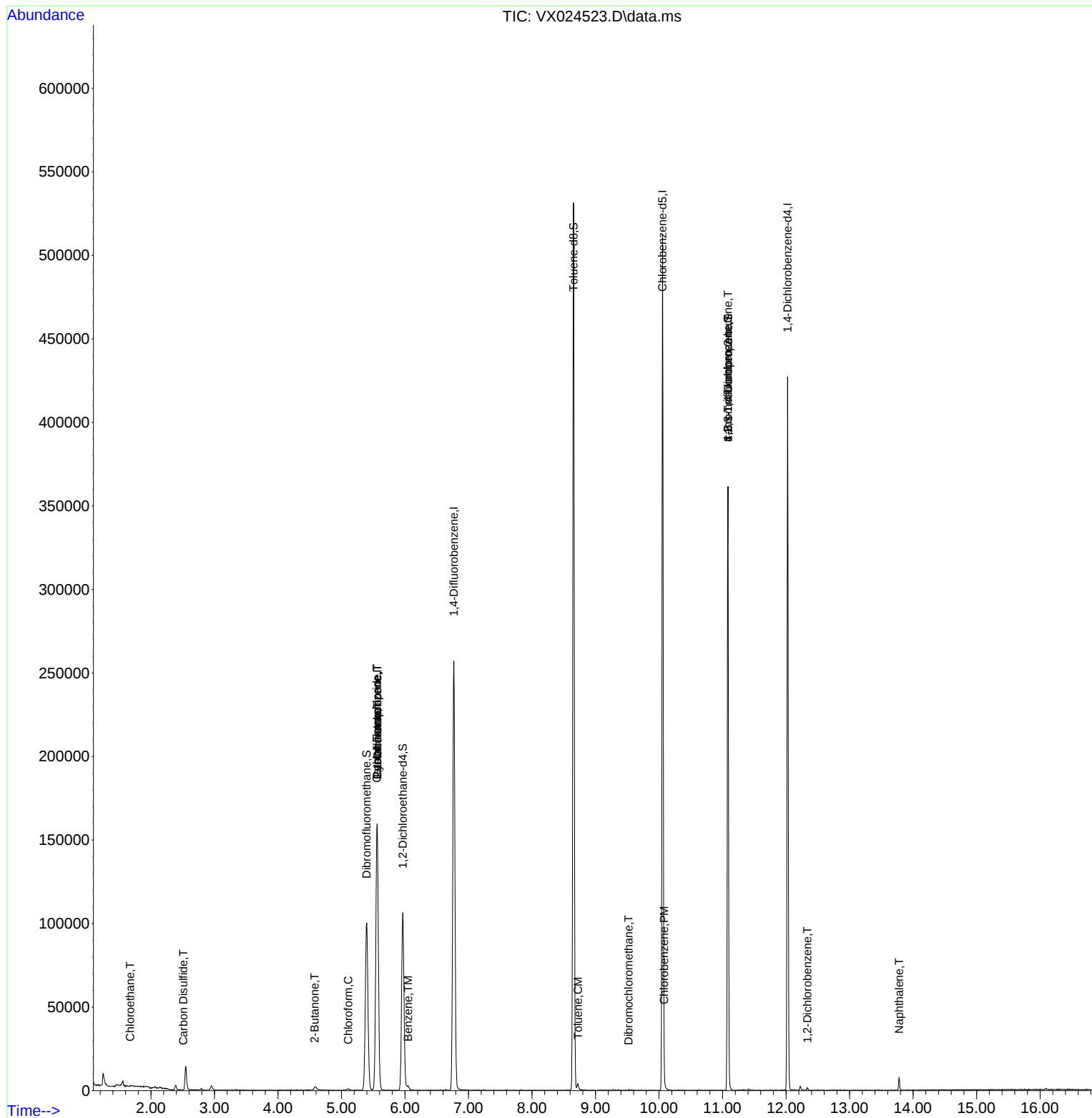
Internal Standards						
1) Pentafluorobenzene	5.562	168	150259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106749	50.408	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.820%			
35) Dibromofluoromethane	5.397	113	87182	50.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.420%			
50) Toluene-d8	8.653	98	314652	49.233	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.460%			
62) 4-Bromofluorobenzene	11.085	95	90919	36.182	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 72.360%#			
Target Compounds						Qvalue
6) Chloroethane	1.672	64	212	0.471	ug/l #	86
11) Tert butyl alcohol	2.953	59	1577	Below Cal	#	73
16) Acetone	2.386	43	2948	Below Cal	#	79
17) Carbon Disulfide	2.508	76	93	0.254	ug/l #	75
20) Methylene Chloride	2.788	84	373	Below Cal	#	85
25) 2-Butanone	4.574	43	429	0.294	ug/l #	45
30) Chloroform	5.105	83	970	0.307	ug/l	94
31) Cyclohexane	5.562	56	2966	1.170	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11347	4.528	ug/l #	46
38) Carbon Tetrachloride	5.556	117	15461	5.668	ug/l #	17
40) Benzene	6.050	78	2776	0.387	ug/l	99
52) Toluene	8.726	92	1571	0.339	ug/l	86
60) Dibromochloromethane	9.519	129	200	1.277	ug/l	75
65) Chlorobenzene	10.079	112	1524	0.342	ug/l	89
76) 1,2,3-Trichloropropane	11.085	75	50750	26.089	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50750	71.058	ug/l #	12
91) 1,2-Dichlorobenzene	12.335	146	677	0.231	ug/l	98
95) Naphthalene	13.780	128	4815	0.805	ug/l	100

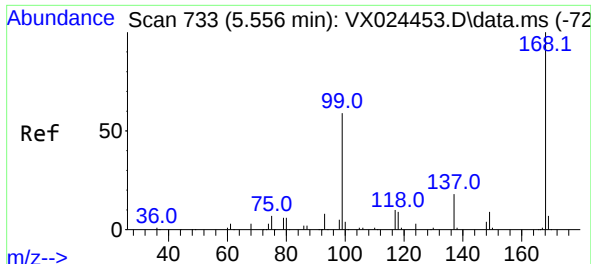
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Oct 05 03:20:57 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

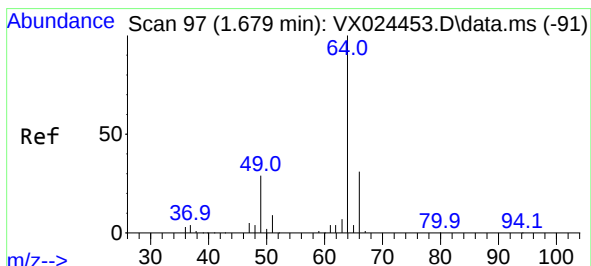
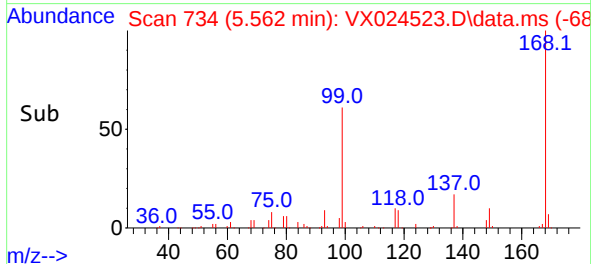
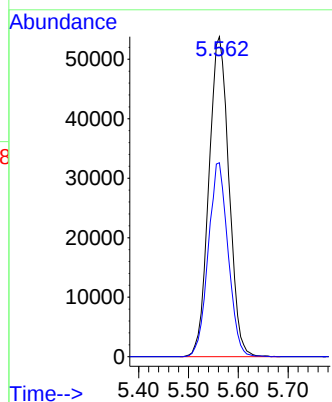
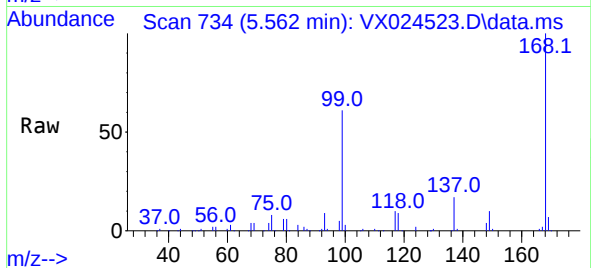




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

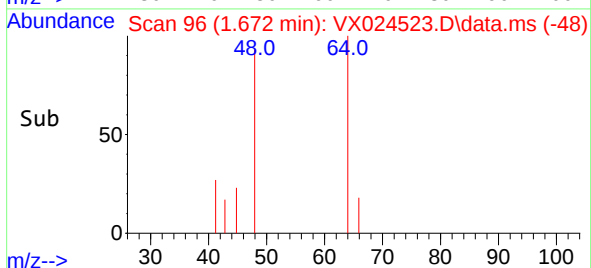
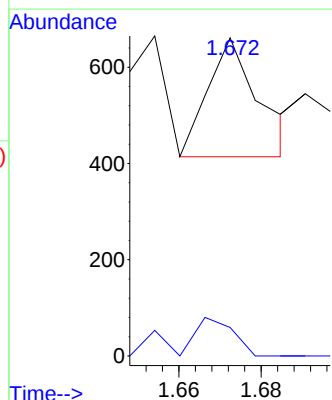
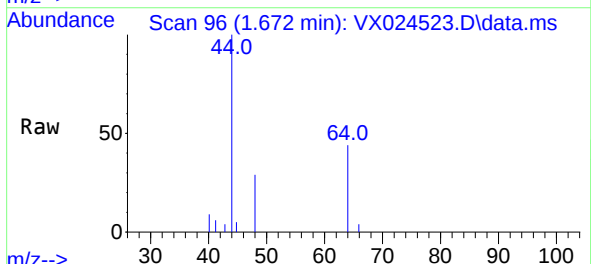
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

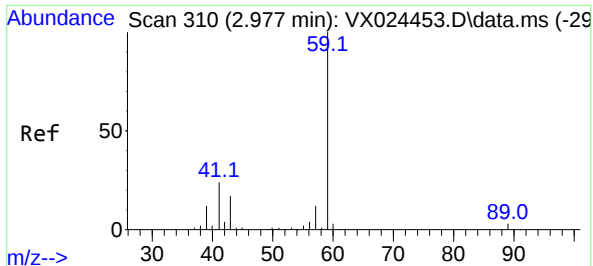
Tgt Ion:168 Resp: 150259
Ion Ratio Lower Upper
168 100
99 60.6 45.8 68.6



#6
Chloroethane
Concen: 0.471 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 64 Resp: 212
Ion Ratio Lower Upper
64 100
66 23.9 25.4 38.0#



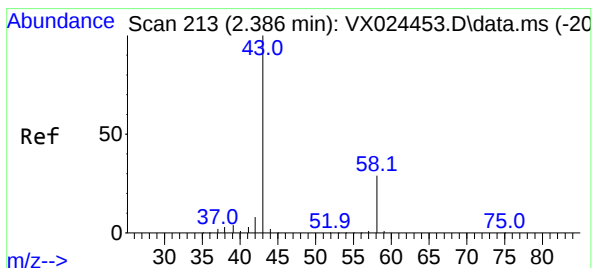
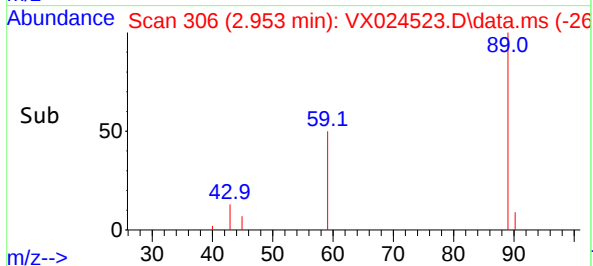
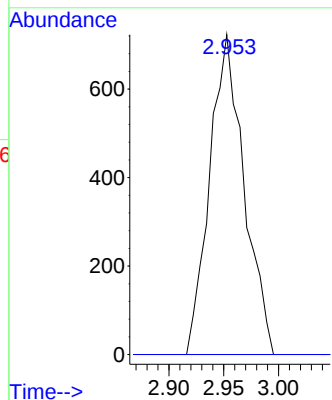
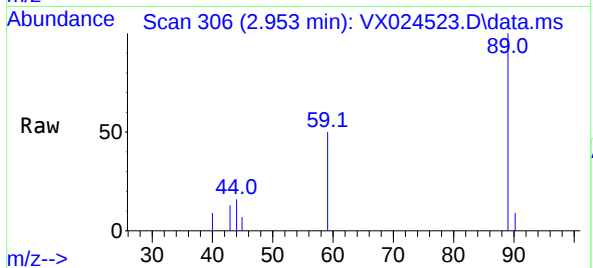


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

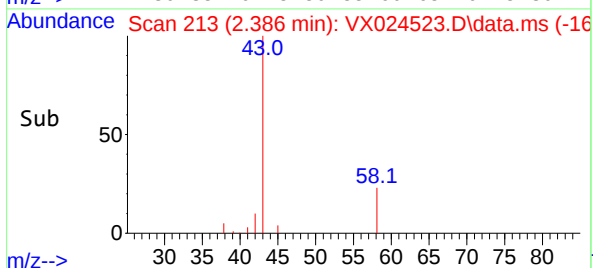
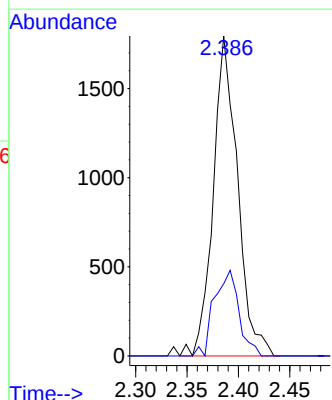
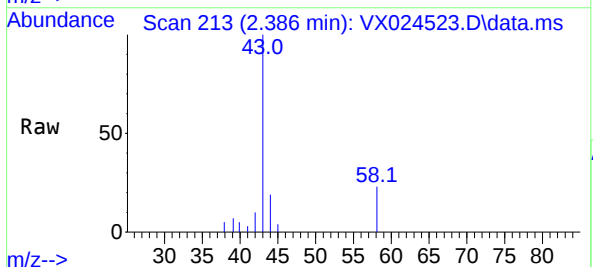
Tgt Ion: 59 Resp: 1577
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

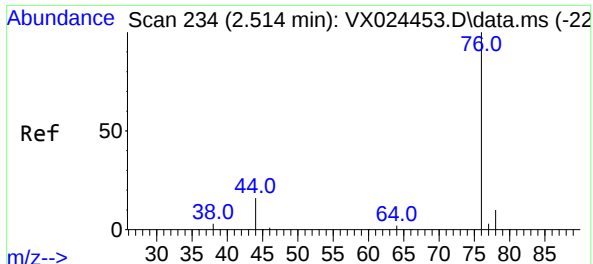


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 43 Resp: 2948
Ion Ratio Lower Upper
43 100
58 22.6 27.8 41.8#

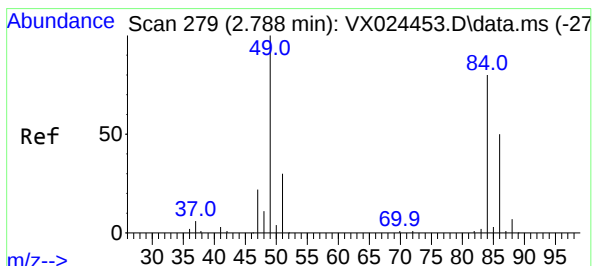
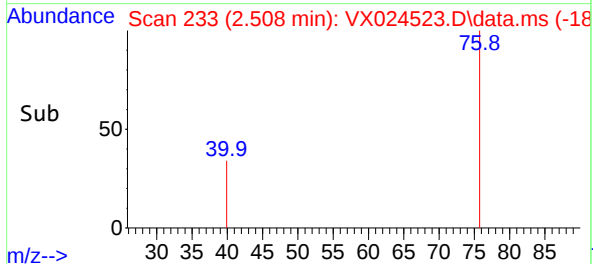
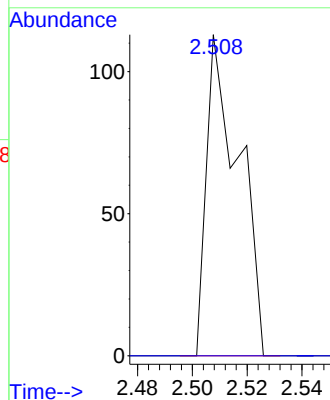
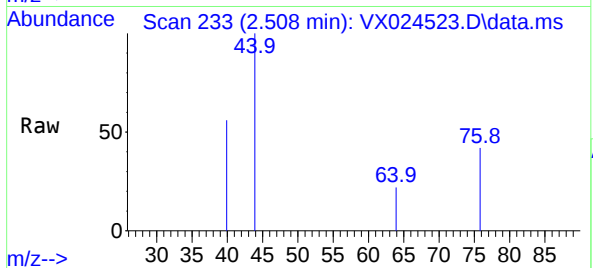




#17
Carbon Disulfide
Concen: 0.254 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

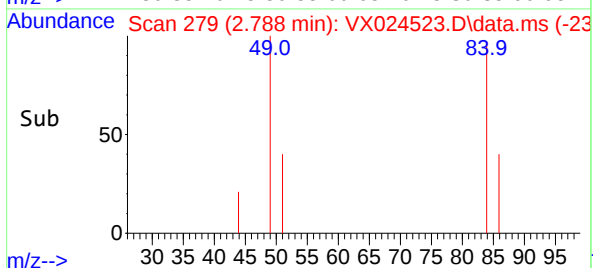
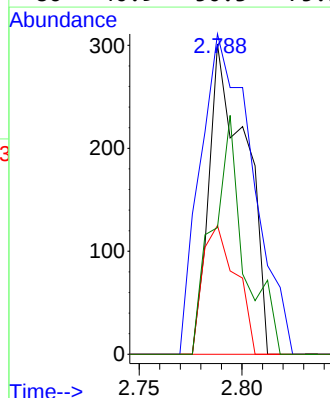
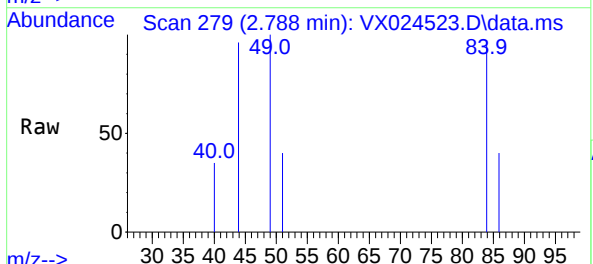
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

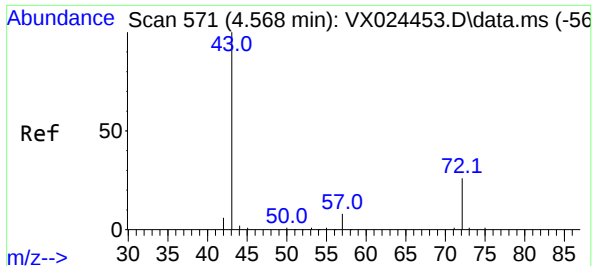
Tgt Ion: 76 Resp: 93
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 84 Resp: 373
Ion Ratio Lower Upper
84 100
49 103.3 88.6 132.8
51 41.5 27.0 40.6#
86 40.9 50.3 75.5#

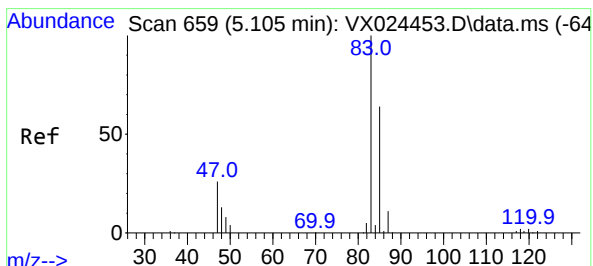
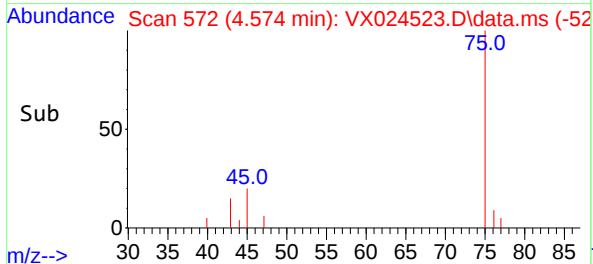
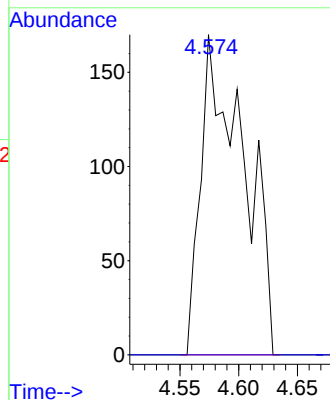
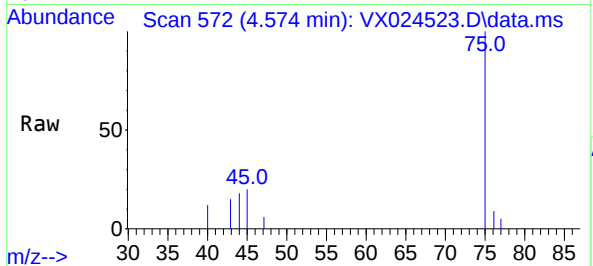




#25
2-Butanone
Concen: 0.294 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

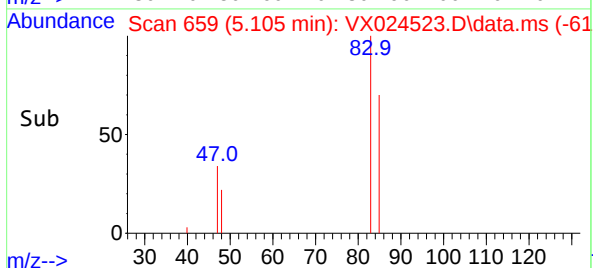
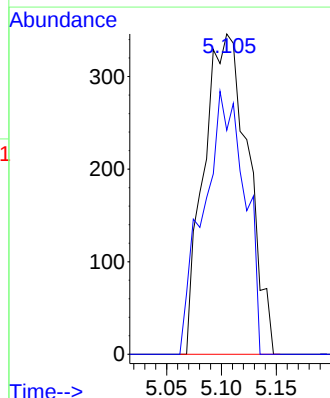
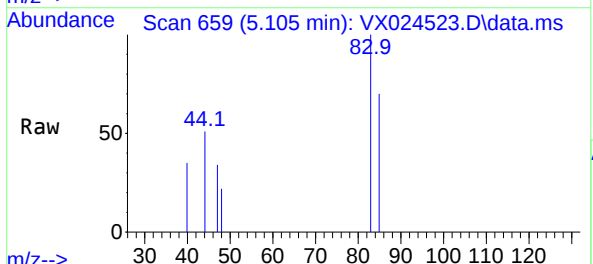
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

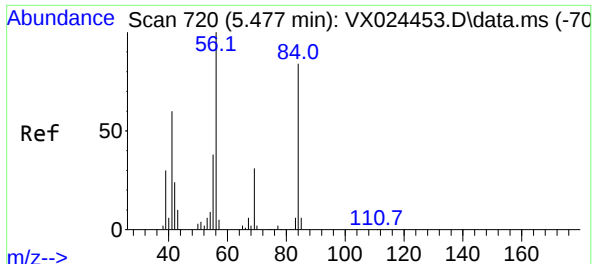
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#30
Chloroform
Concen: 0.307 ug/l
RT: 5.105 min Scan# 659
Delta R.T. -0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

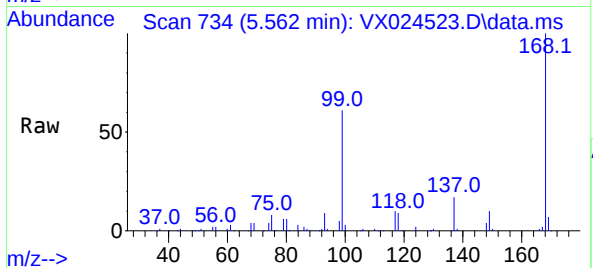
Tgt Ion: 83 Resp: 970
Ion Ratio Lower Upper
83 100
85 69.9 52.0 78.0



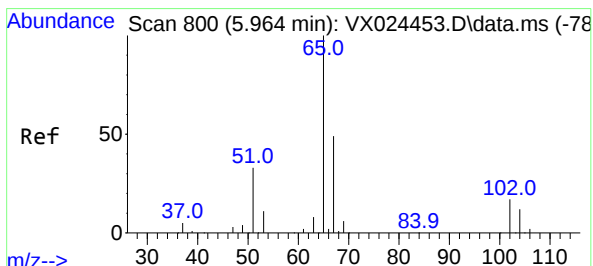
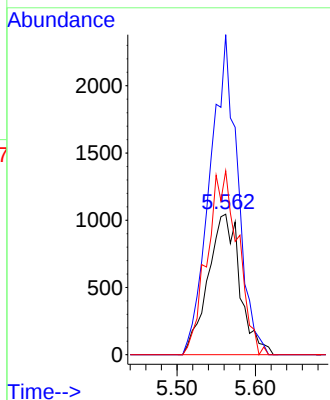
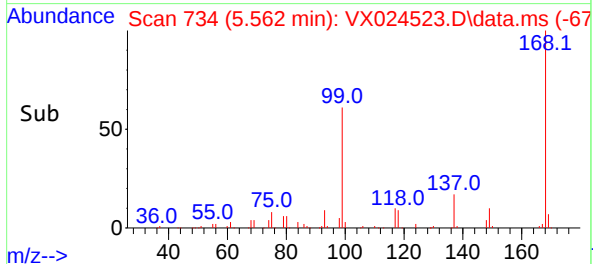


#31
Cyclohexane
Concen: 1.170 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

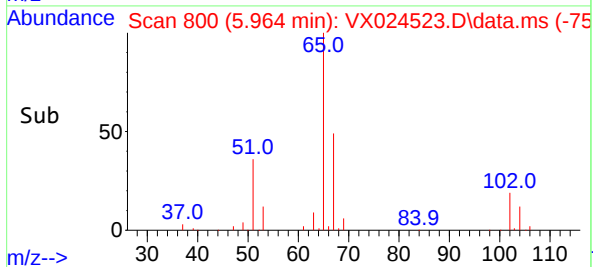
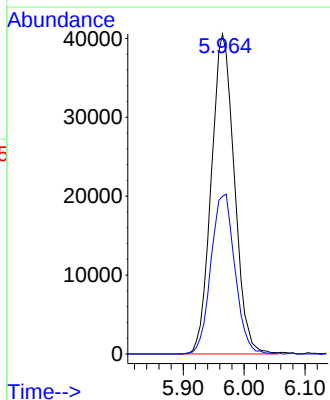
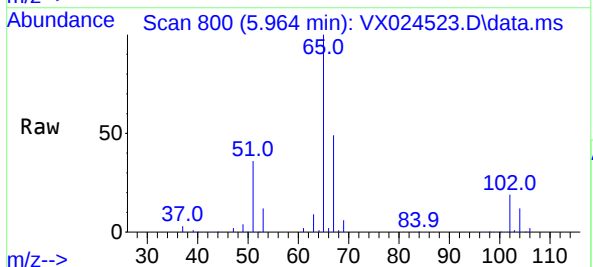


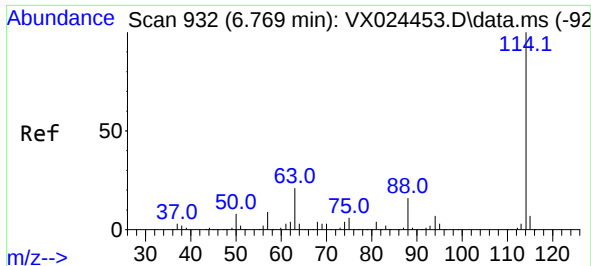
Tgt Ion: 56 Resp: 2966
Ion Ratio Lower Upper
56 100
69 227.8 25.3 37.9#
84 130.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.408 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 65 Resp: 106749
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

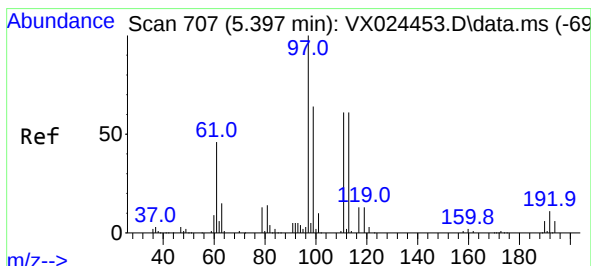
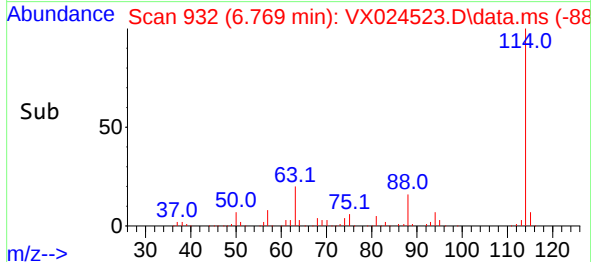
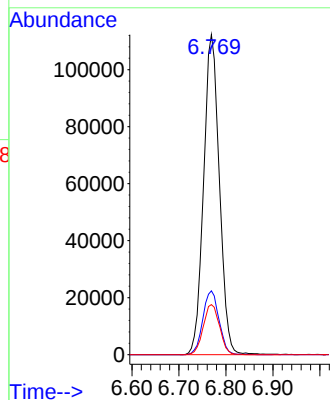
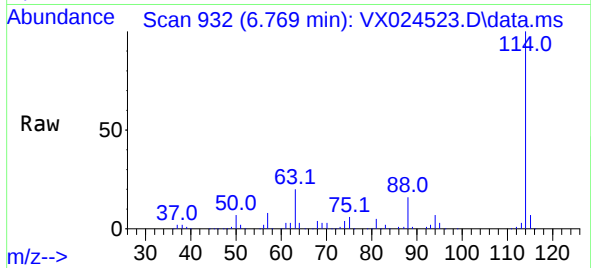




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

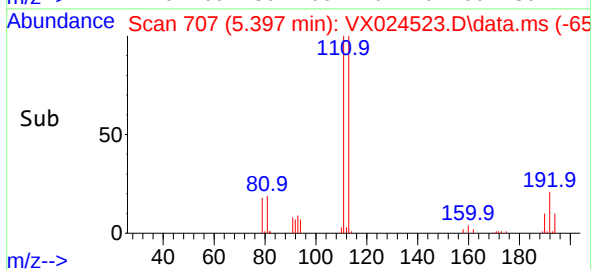
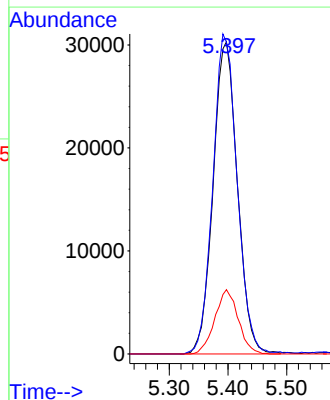
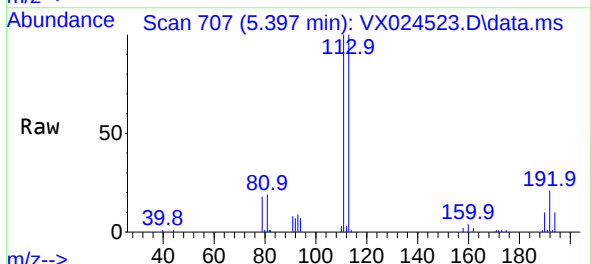
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

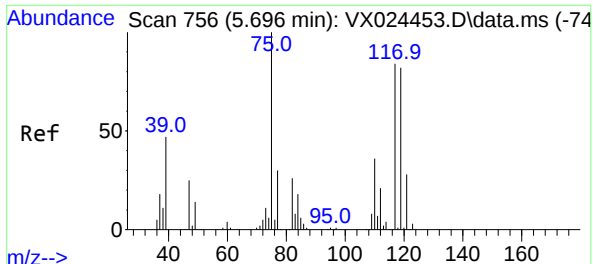
Tgt Ion:114 Resp: 261385
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.207 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion:113 Resp: 87182
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.8 16.7 25.1



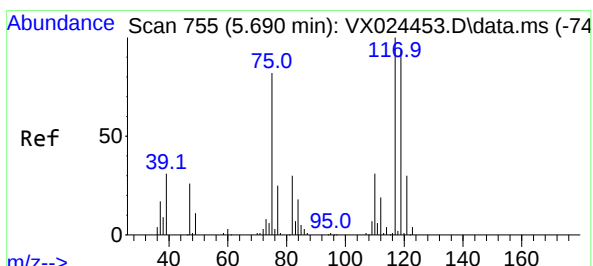
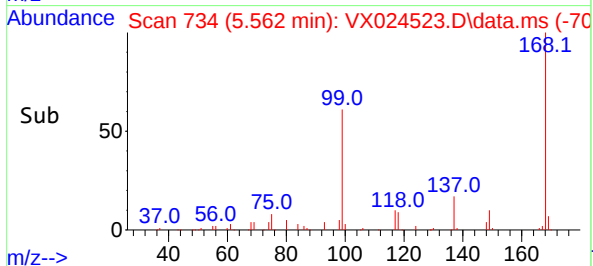
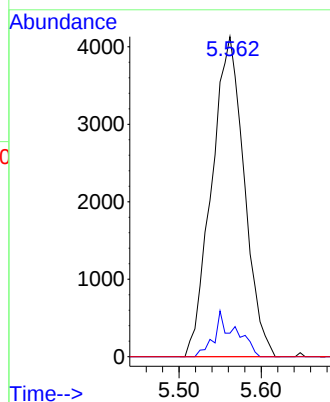
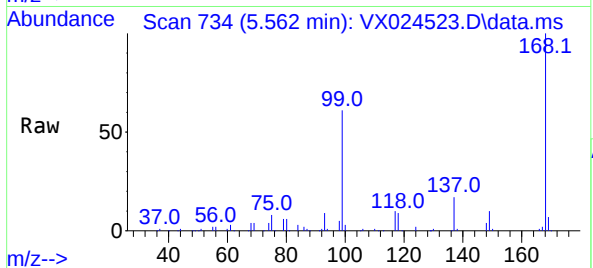


#36

1,1-Dichloropropene
Concen: 4.528 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

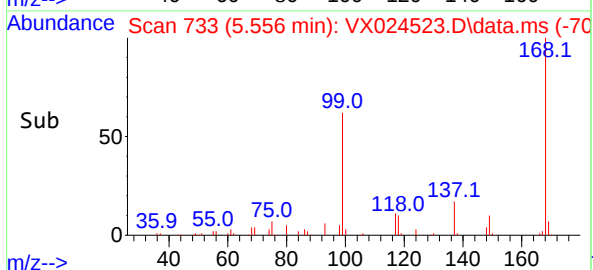
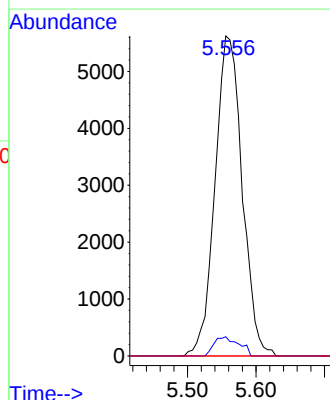
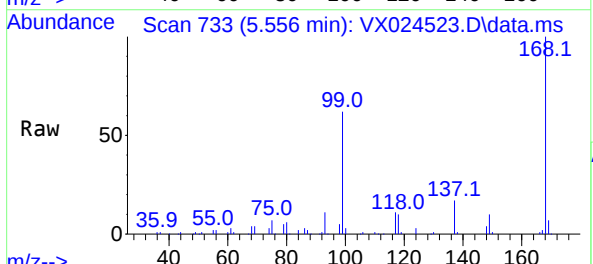
Tgt Ion: 75 Resp: 11347
Ion Ratio Lower Upper
75 100
110 5.7 18.1 54.4#
77 0.0 25.3 37.9#

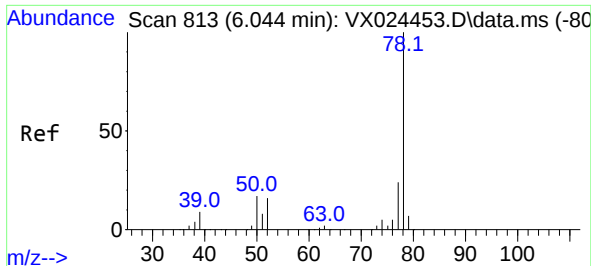


#38

Carbon Tetrachloride
Concen: 5.668 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 117 Resp: 15461
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

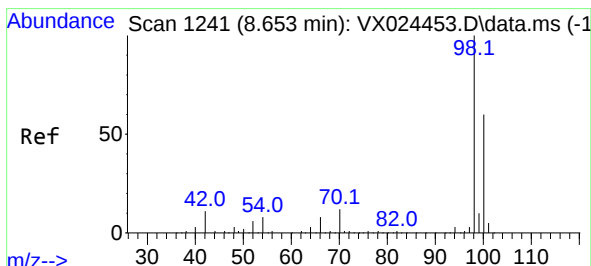
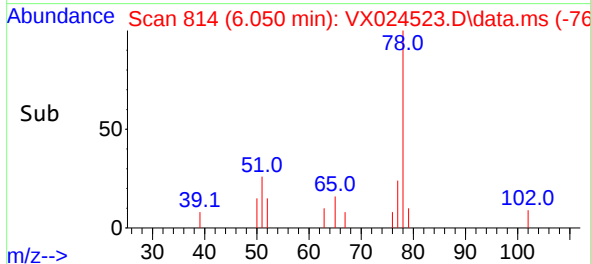
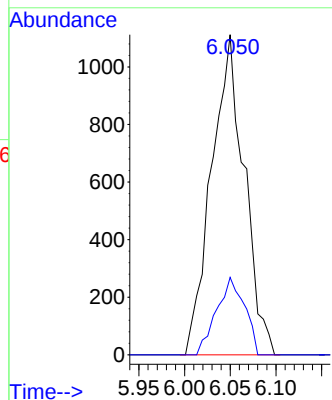
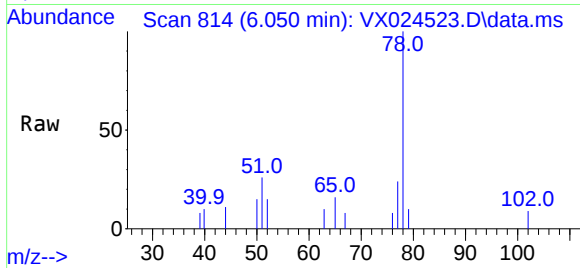




#40
Benzene
Concen: 0.387 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

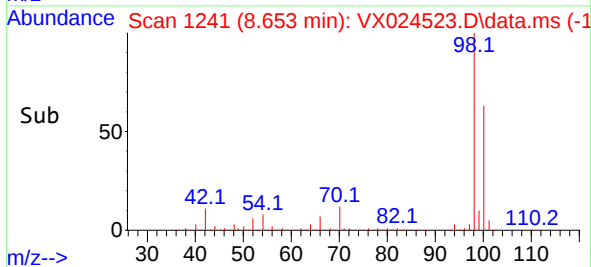
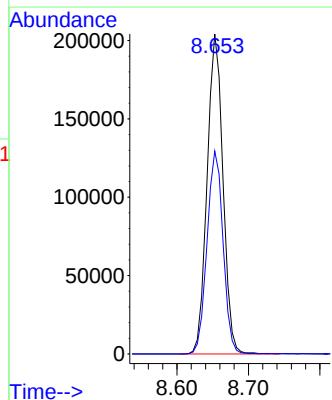
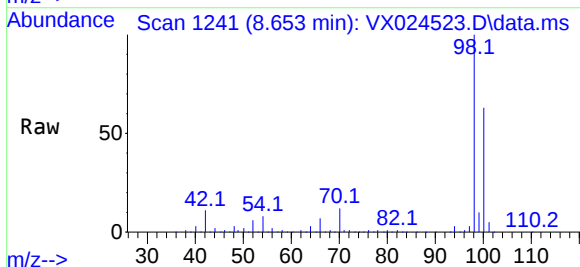
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

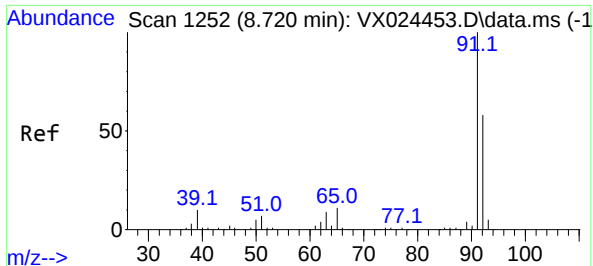
Tgt Ion: 78 Resp: 2776
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3



#50
Toluene-d8
Concen: 49.233 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 98 Resp: 314652
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9





#52

Toluene

Concen: 0.339 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX024523.D

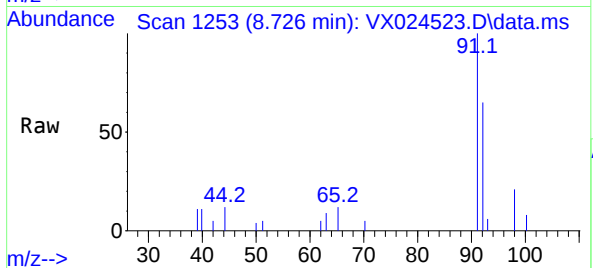
Acq: 04 Oct 2021 16:22

Tgt Ion: 92 Resp: 1571

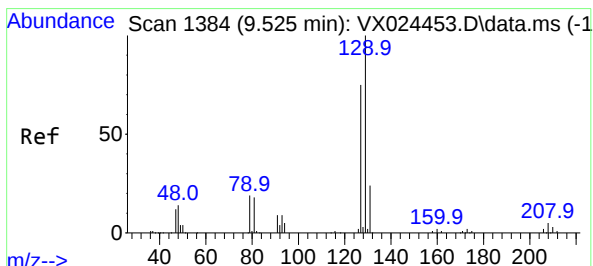
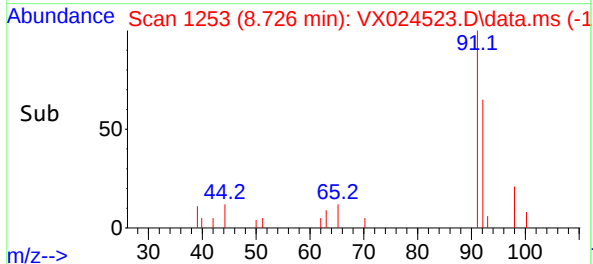
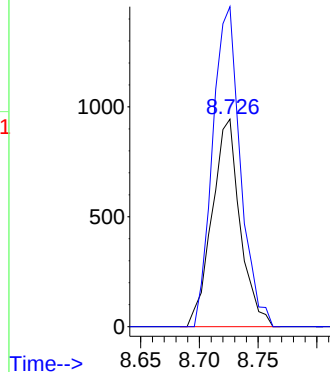
Ion Ratio Lower Upper

92 100

91 152.1 137.1 205.7



Abundance



#60

Dibromochloromethane

Concen: 1.277 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX024523.D

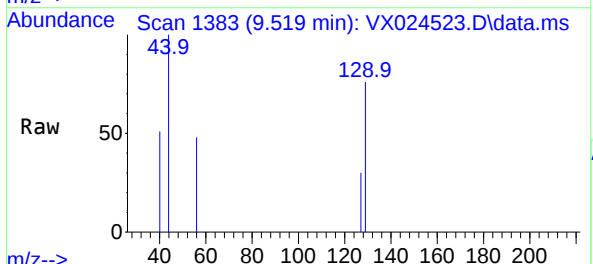
Acq: 04 Oct 2021 16:22

Tgt Ion: 129 Resp: 200

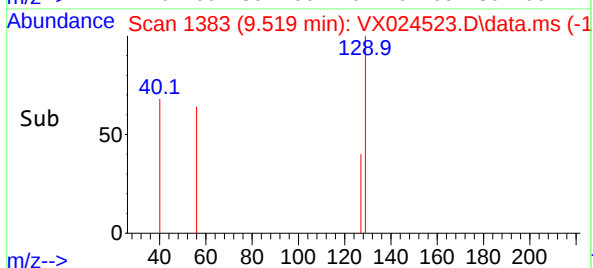
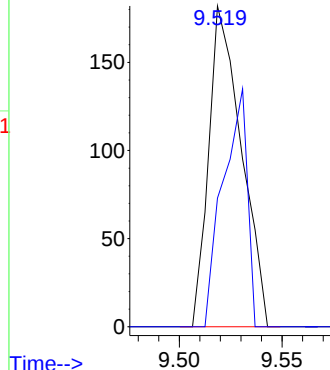
Ion Ratio Lower Upper

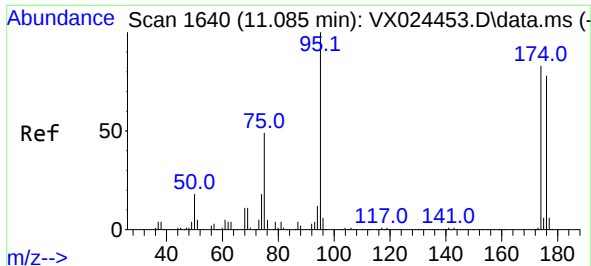
129 100

127 55.5 38.4 115.2



Abundance

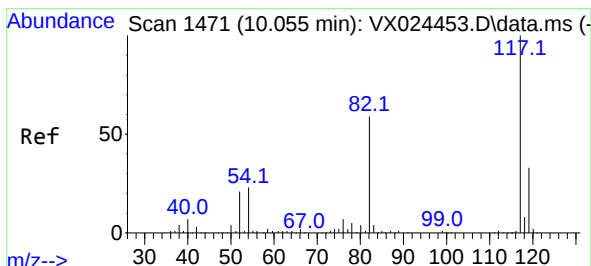
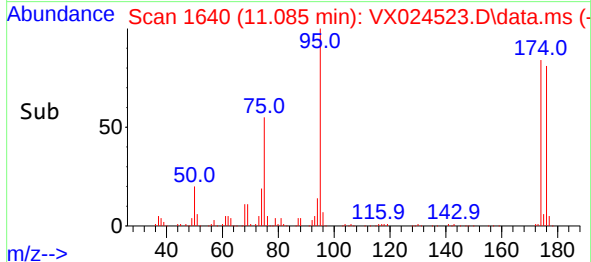
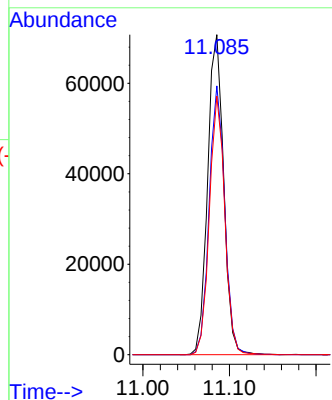
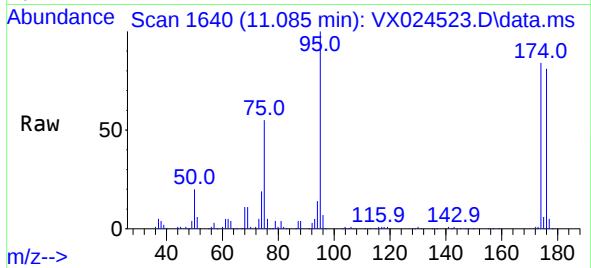




#62
4-Bromofluorobenzene
Concen: 36.182 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

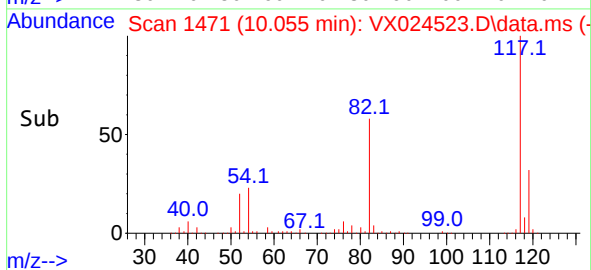
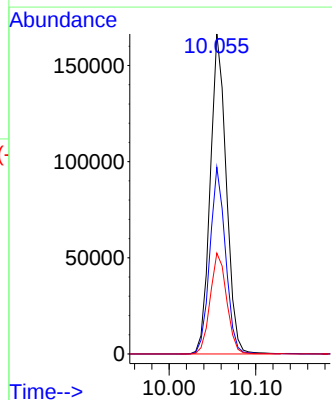
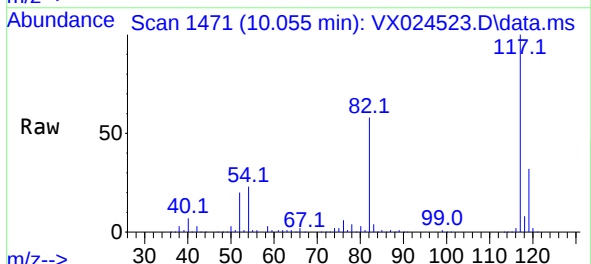
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

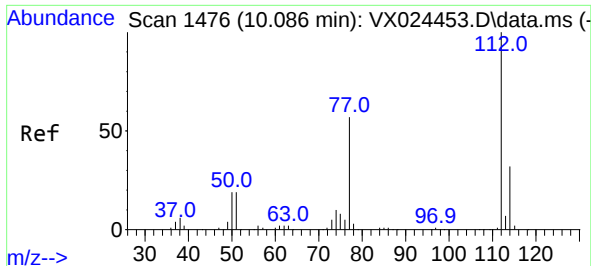
Tgt Ion: 95 Resp: 90919
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 77.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 117 Resp: 213751
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.5 26.6 39.8

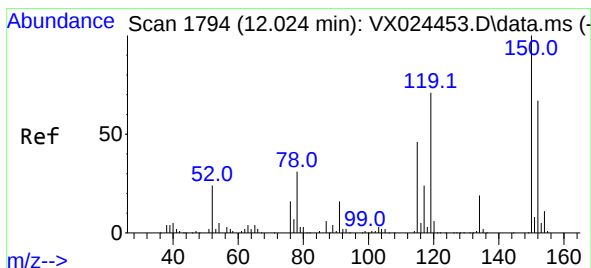
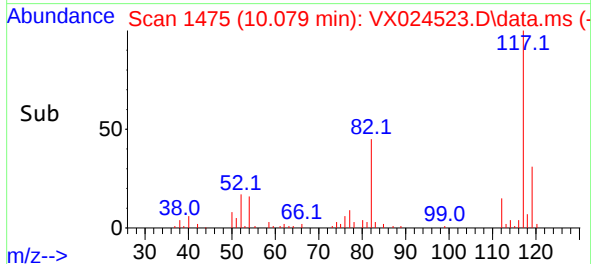
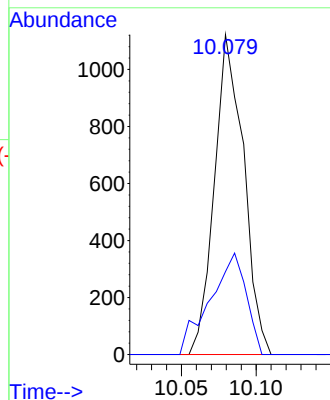
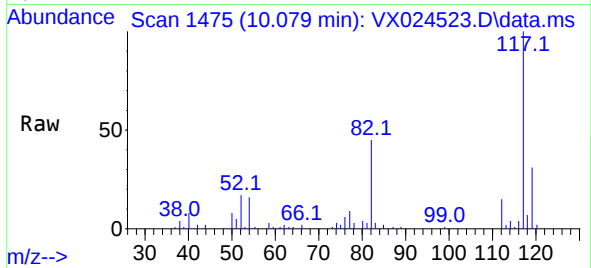




#65
Chlorobenzene
Concen: 0.342 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.007 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

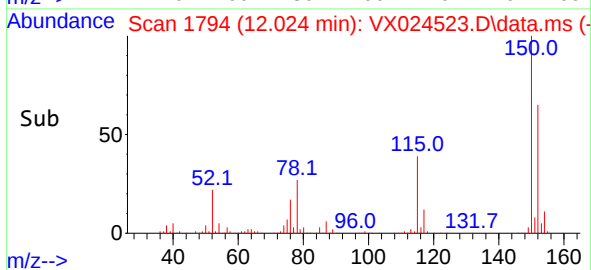
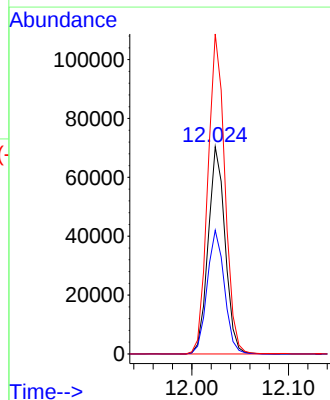
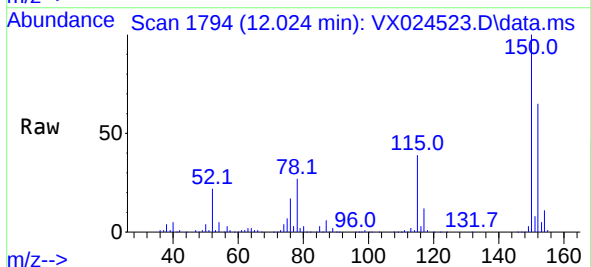
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

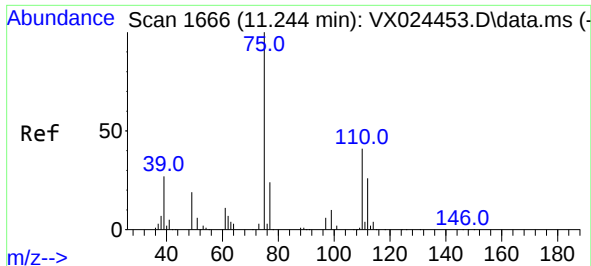
Tgt Ion:112 Resp: 1524
Ion Ratio Lower Upper
112 100
114 25.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion:152 Resp: 85660
Ion Ratio Lower Upper
152 100
115 61.0 41.1 123.3
150 155.7 0.0 349.0

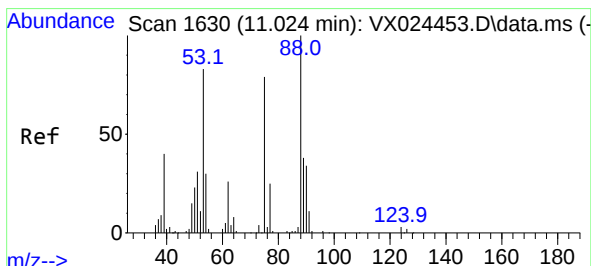
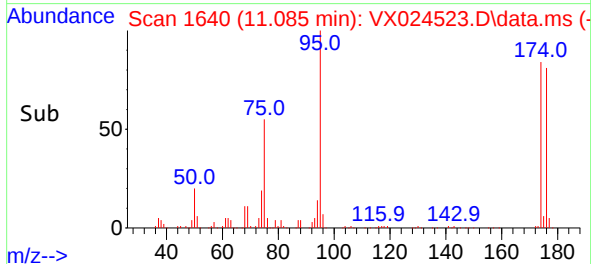
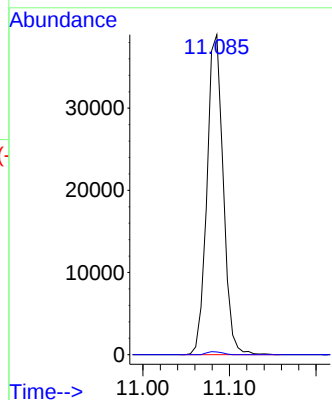
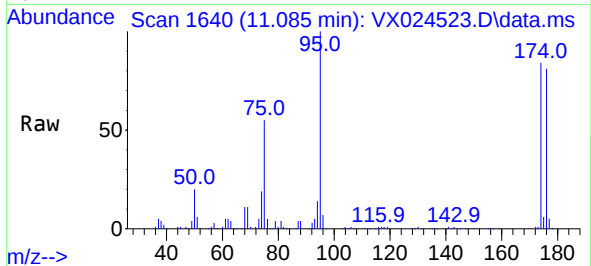




#76
1,2,3-Trichloropropane
Concen: 26.089 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

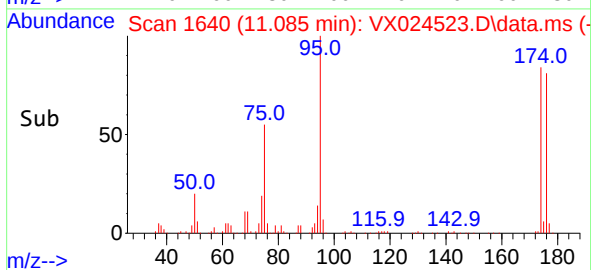
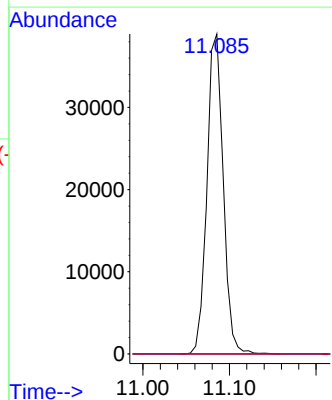
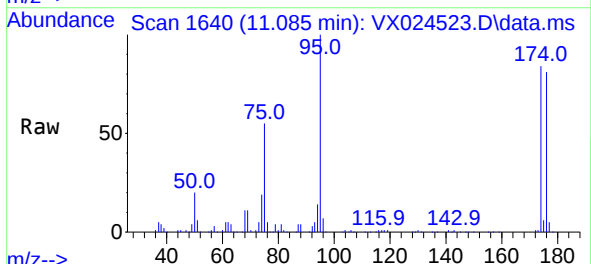
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

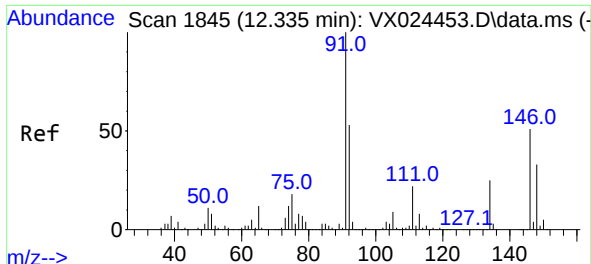
Tgt Ion: 75 Resp: 50750
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.058 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion: 75 Resp: 50750
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



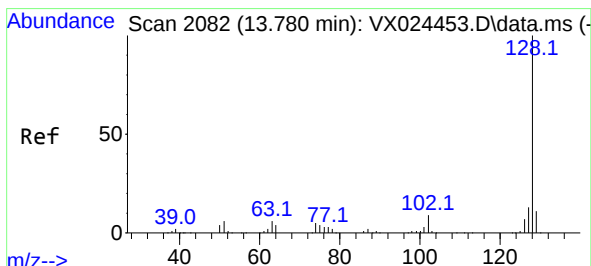
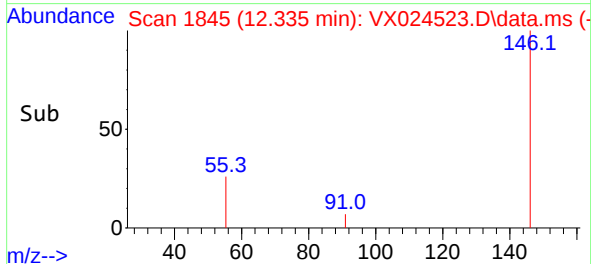
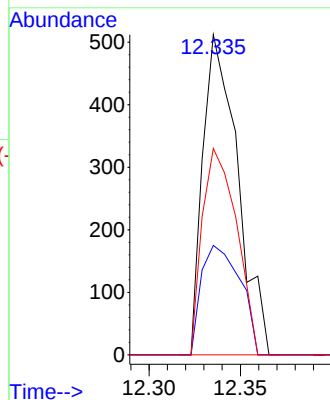
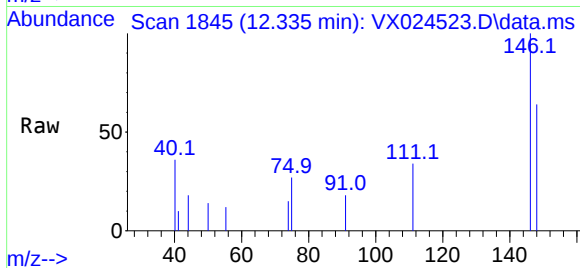


#91
1,2-Dichlorobenzene
Concen: 0.231 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-03-(SA)

Tgt Ion:146 Resp: 677

Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.8	62.2
148	63.5	31.9	95.5



#95
Naphthalene
Concen: 0.805 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024523.D
Acq: 04 Oct 2021 16:22

Tgt Ion:128 Resp: 4815

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.8	13.2

