

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102321\
 Data File : VW023014.D
 Acq On : 23 Oct 2021 16:59
 Operator : SY/MD
 Sample : M4277-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 25 01:07:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 25 01:03:32 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126271	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	129071	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	55980	5.074	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 101.400%		
7) Chloroethane-d5	1.568	69	36492	5.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.000%		
11) 1,1-Dichloroethene-d2	2.105	63	53291	3.348	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 67.000%		
20) 2-Butanone-d5	3.899	46	87898	49.660	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 99.320%		
24) Chloroform-d	4.349	84	96147	5.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 107.200%		
26) 1,2-Dichloroethane-d4	5.034	65	45097	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.600%		
32) Benzene-d6	5.050	84	192591	5.111	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.200%		
36) 1,2-Dichloropropane-d6	6.069	67	59403	5.121	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.400%		
41) Toluene-d8	7.317	98	157834	4.663	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.200%		
43) trans-1,3-Dichloroprop...	7.625	79	18128	4.460	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 89.200%		
46) 2-Hexanone-d5	8.095	63	78214	51.977	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 103.960%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	42044	5.249	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 105.000%		
66) 1,2-Dichlorobenzene-d4	11.625	152	57958	5.958	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 119.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	616	0.069	ug/L #	1
6) Bromomethane	1.523	94	302	0.067	ug/L #	61
12) 1,1-Dichloroethene	2.111	96	915	0.142	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	12224	0.792	ug/L #	82
18) trans-1,2-Dichloroethene	2.764	96	2011	0.291	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	217868	27.842	ug/L #	90
34) Trichloroethene	5.918	95	22718	2.604	ug/L	95
35) Methylcyclohexane	6.069	83	13789	1.104	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6174	0.705	ug/L #	87
39) cis-1,3-Dichloropropene	6.995	75	1313	0.120	ug/L #	36
42) Toluene	7.394	91	21828	0.620	ug/L	96
47) Tetrachloroethene	7.976	164	26344	3.574	ug/L	97
49) Dibromochloromethane	7.979	129	22222	3.049	ug/L #	10
53) m,p-xylene	9.153	106	1469	0.105	ug/L	67
61) 1,2,3-Trichloropropane	11.249	75	6789	1.769	ug/L #	65
63) 1,2,4-Trimethylbenzene	10.918	105	1235	0.056	ug/L	98
65) 1,4-Dichlorobenzene	11.281	146	1265	0.086	ug/L	87
67) 1,2-Dichlorobenzene	11.648	146	956	0.071	ug/L #	77

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Oct 25 01:03:32 2021
Response via : Initial Calibration

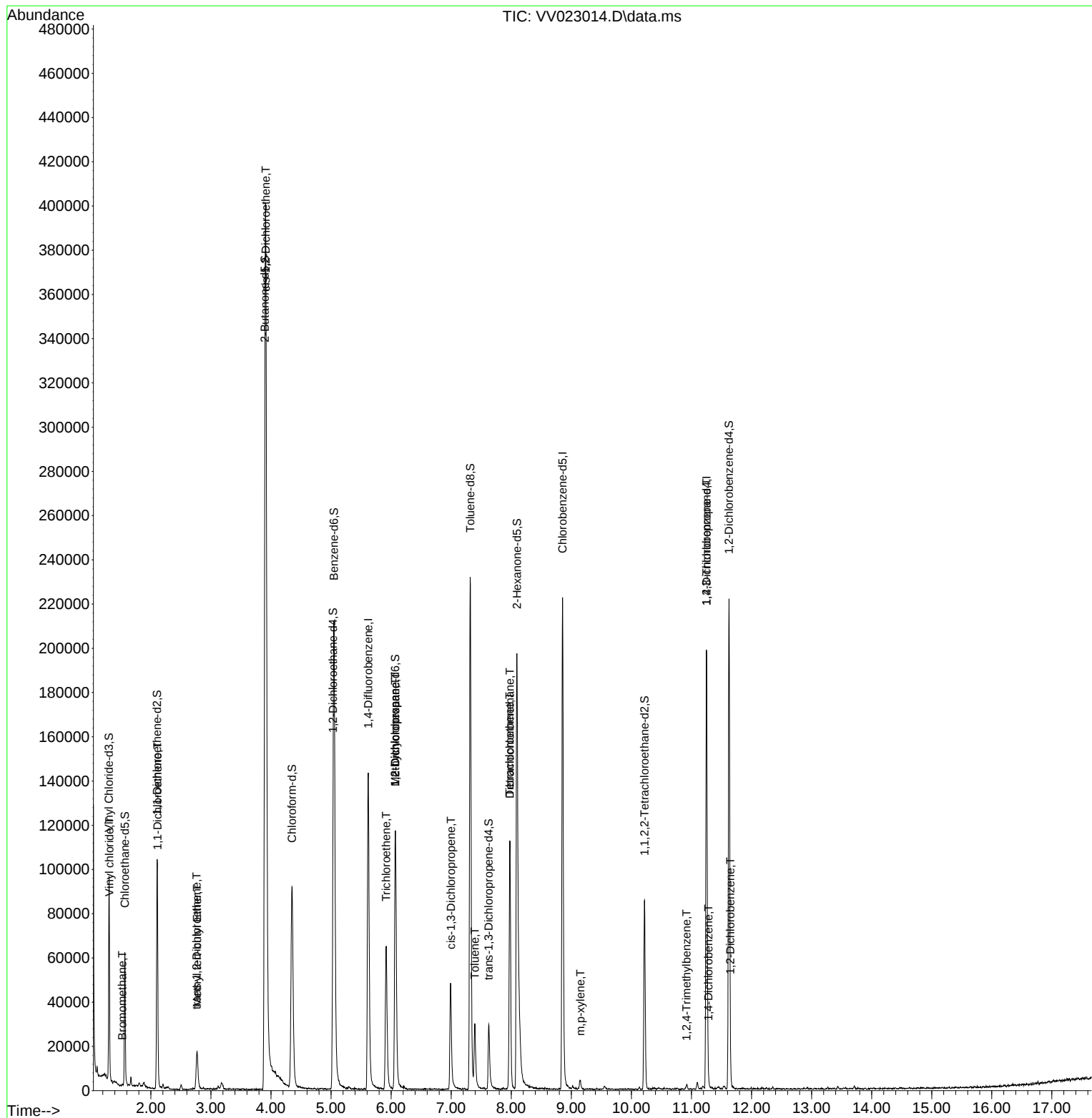
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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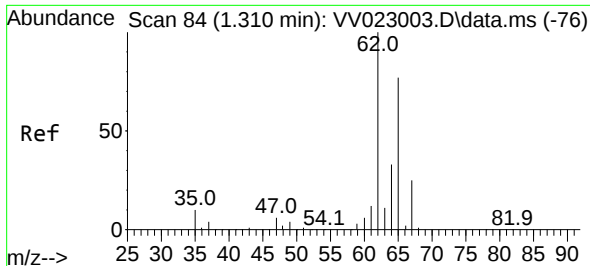
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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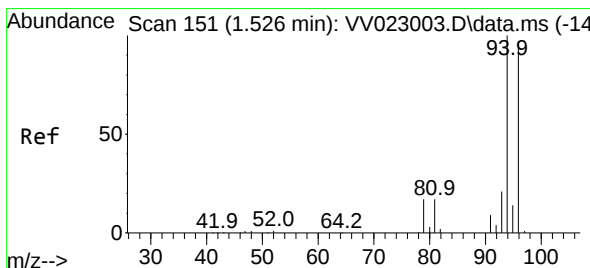
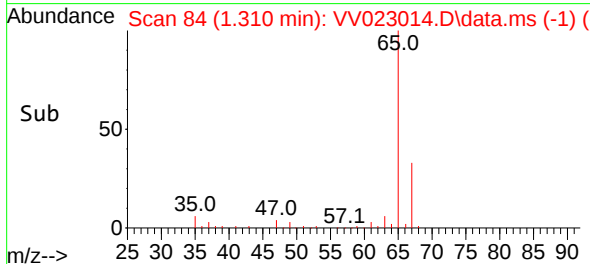
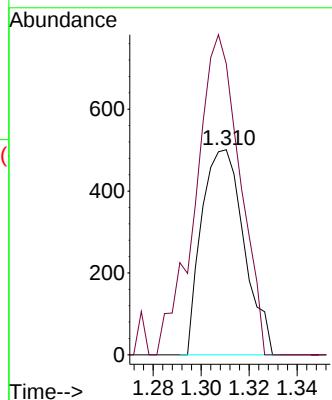
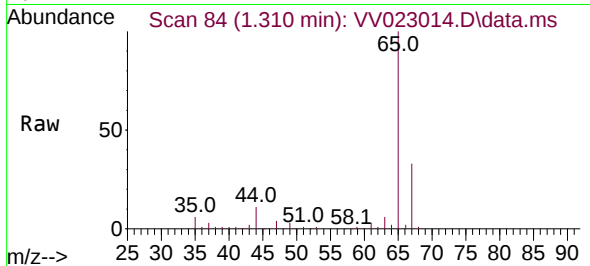




#5
 Vinyl chloride
 Concen: 0.069 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

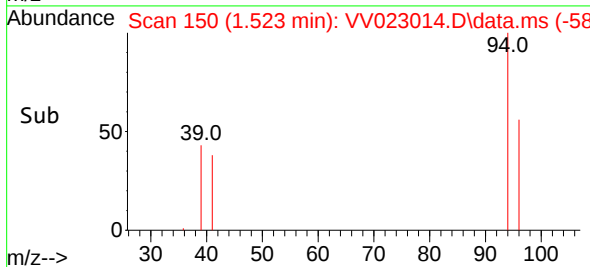
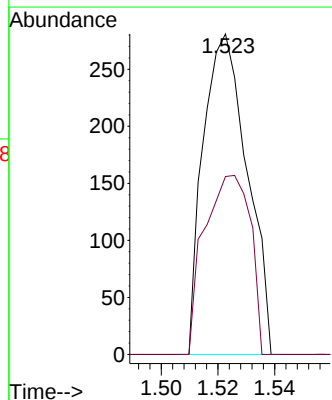
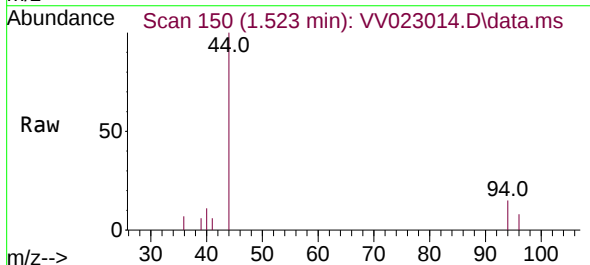
Instrument :
 MSVOA_V
 ClientSampleId :

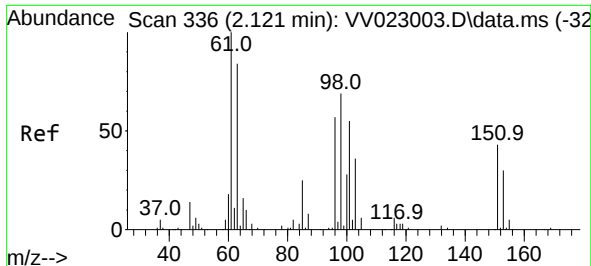
Tgt Ion: 62 Resp: 616
 Ion Ratio Lower Upper
 62 100
 64 141.9 23.1 42.9#



#6
 Bromomethane
 Concen: 0.067 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

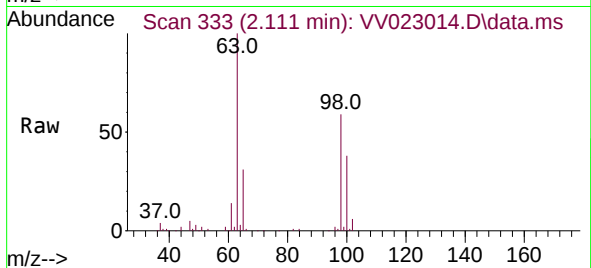
Tgt Ion: 94 Resp: 302
 Ion Ratio Lower Upper
 94 100
 96 55.5 65.0 120.8#



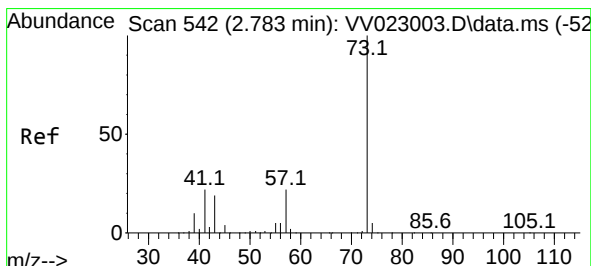
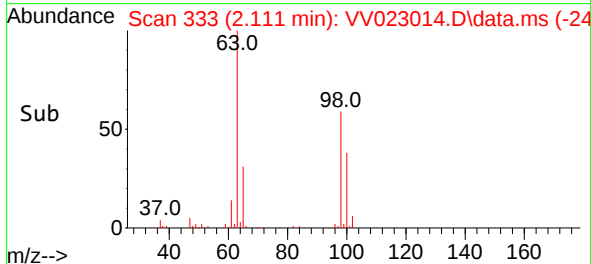
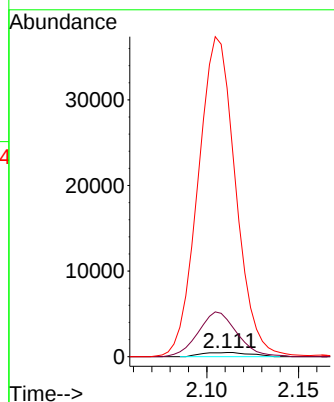


#12
 1,1-Dichloroethene
 Concen: 0.142 ug/L
 RT: 2.111 min Scan# 311
 Delta R.T. -0.010 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

Instrument :
 MSVOA_V
 ClientSampleId :

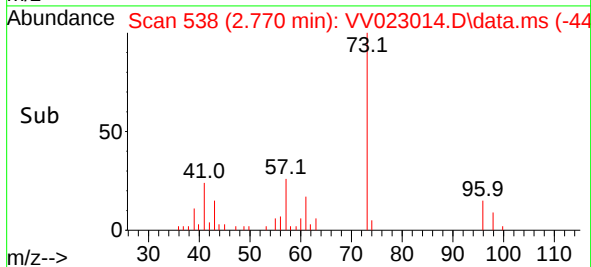
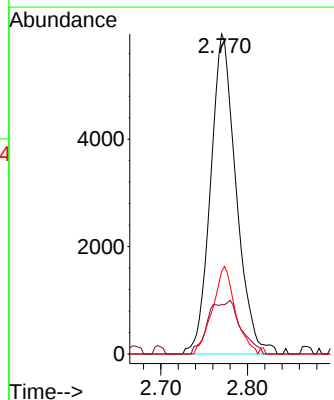
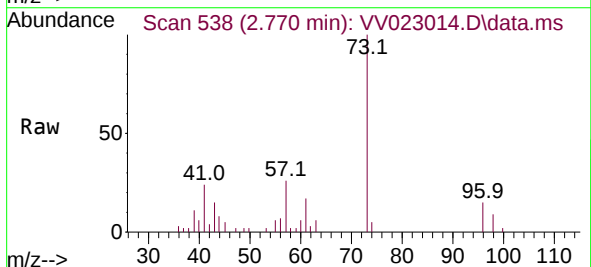


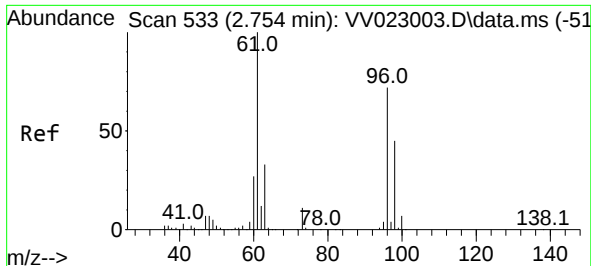
Tgt Ion: 96 Resp: 915
 Ion Ratio Lower Upper
 96 100
 61 888.5 121.5 225.7#
 63 6418.0 99.6 185.0#



#17
 Methyl tert-butyl Ether
 Concen: 0.792 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. -0.013 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

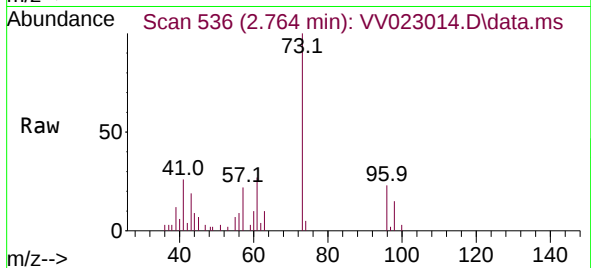
Tgt Ion: 73 Resp: 12224
 Ion Ratio Lower Upper
 73 100
 43 8.5 17.4 26.0#
 57 24.2 16.5 24.7



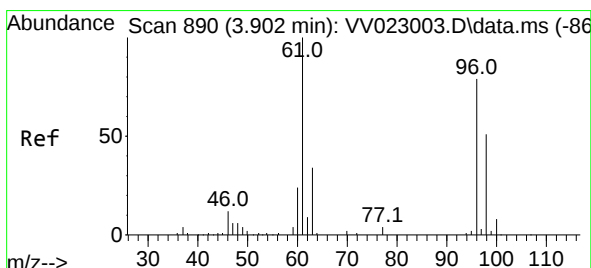
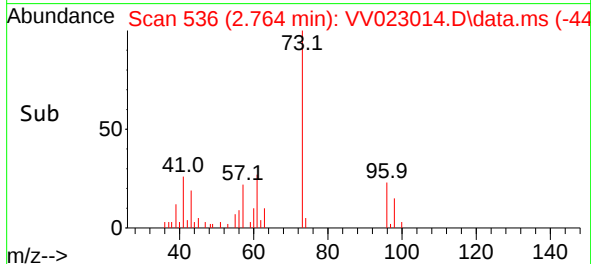
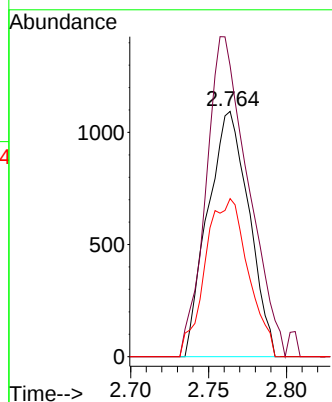


#18
trans-1,2-Dichloroethene
Concen: 0.291 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

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MSVOA_V
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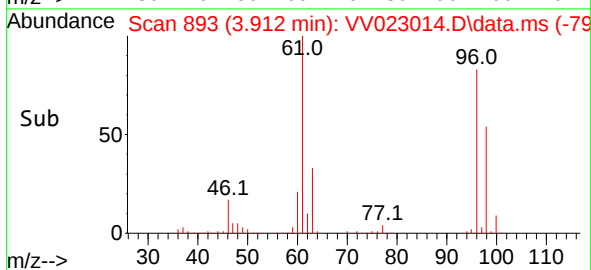
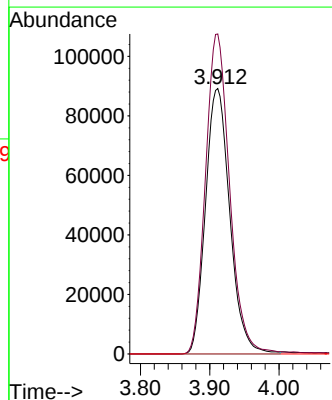
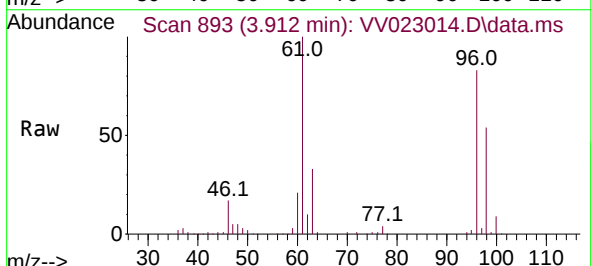


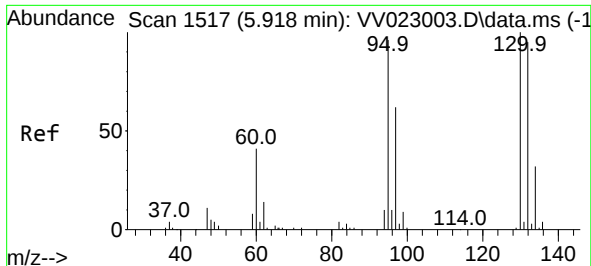
Tgt Ion: 96 Resp: 2011
Ion Ratio Lower Upper
96 100
61 118.6 93.2 173.2
98 64.4 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 27.842 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

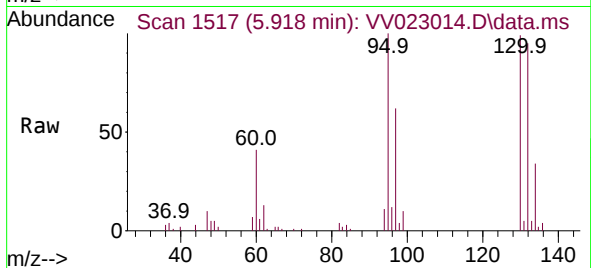
Tgt Ion: 96 Resp: 217868
Ion Ratio Lower Upper
96 100
61 120.6 92.3 171.3
68 0.0 0.4 0.8#



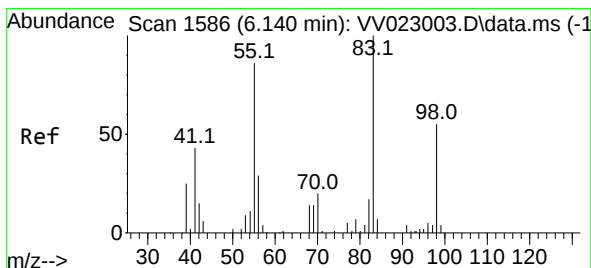
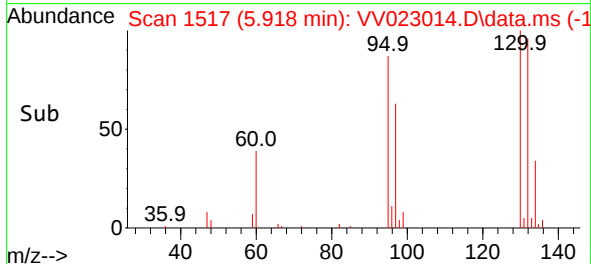
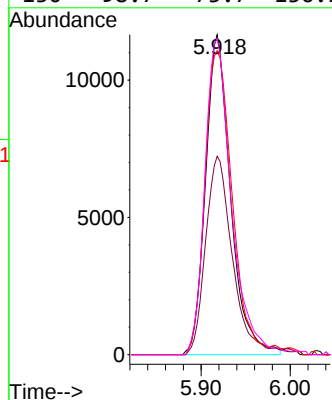


#34
Trichloroethene
Concen: 2.604 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

Instrument :
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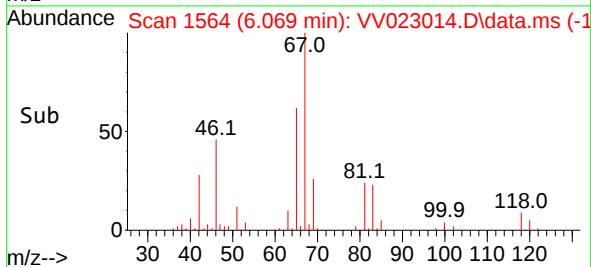
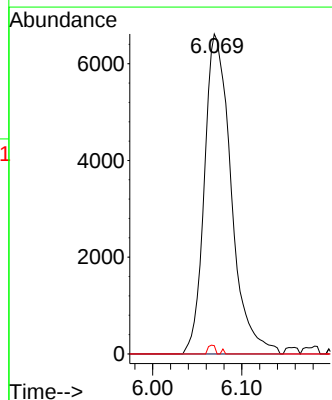
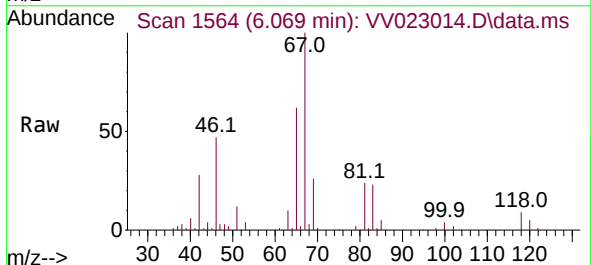


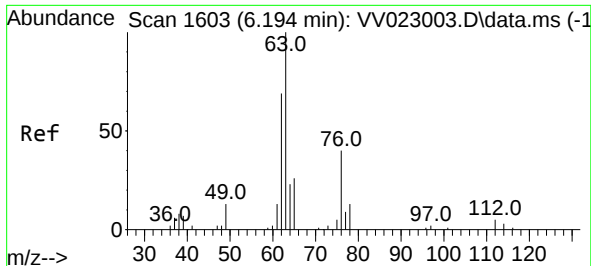
Tgt Ion: 95 Resp: 22718
Ion Ratio Lower Upper
95 100
97 62.0 45.0 83.6
132 95.0 69.7 129.4
130 98.7 73.7 136.9



#35
Methylcyclohexane
Concen: 1.104 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.071 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

Tgt Ion: 83 Resp: 13789
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 0.7 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.705 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.125 min

Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

Instrument :

MSVOA_V

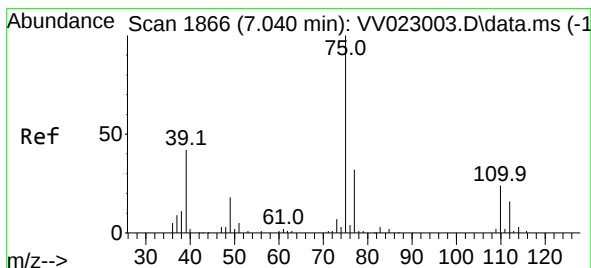
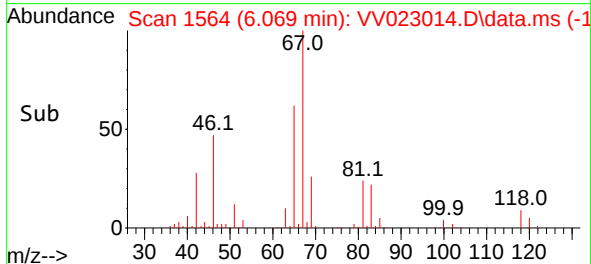
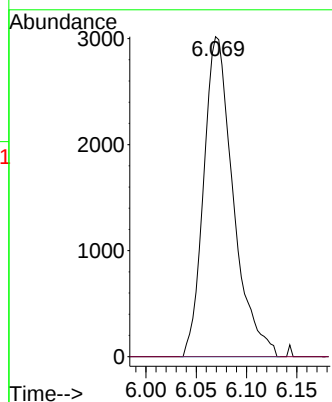
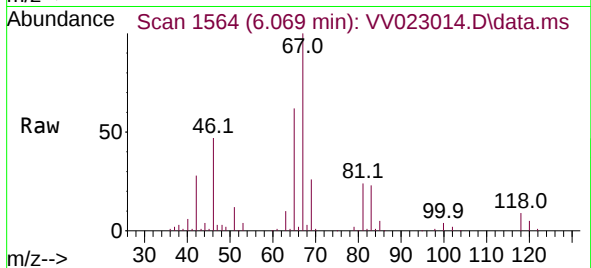
ClientSampleId :

Tgt Ion: 63 Resp: 6174

Ion Ratio Lower Upper

63 100

112 1.2 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.045 min

Lab File: VV023014.D

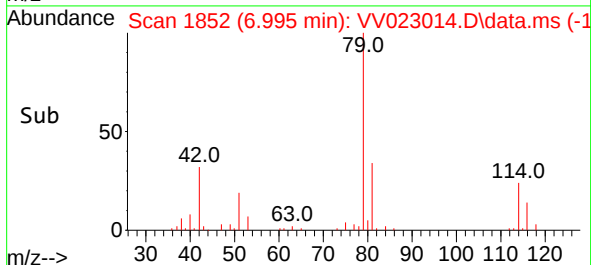
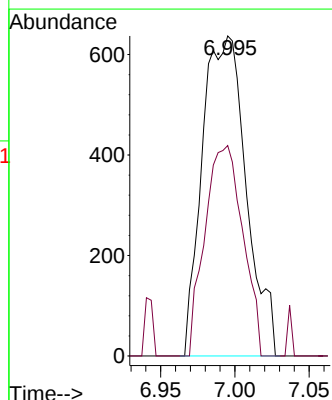
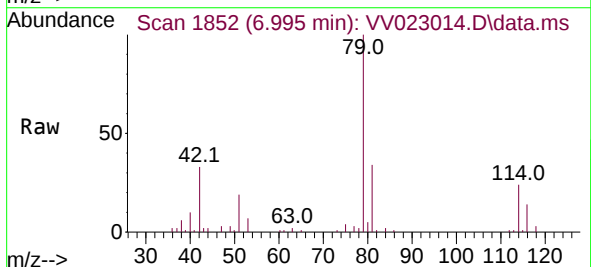
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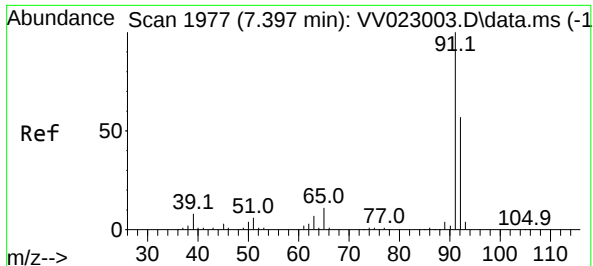
Tgt Ion: 75 Resp: 1313

Ion Ratio Lower Upper

75 100

77 65.8 21.6 40.2#





#42

Toluene

Concen: 0.620 ug/L

RT: 7.394 min Scan# 1977

Delta R.T. -0.003 min

Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

Instrument :

MSVOA_V

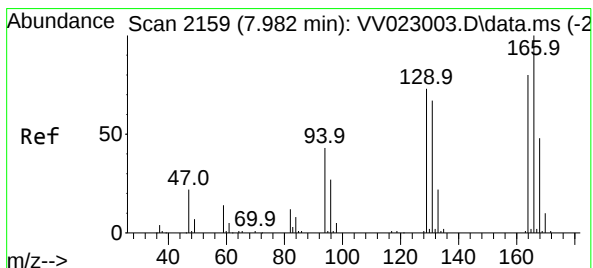
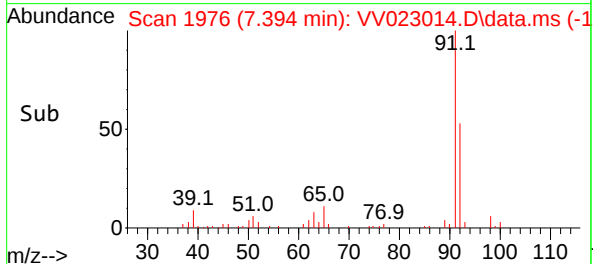
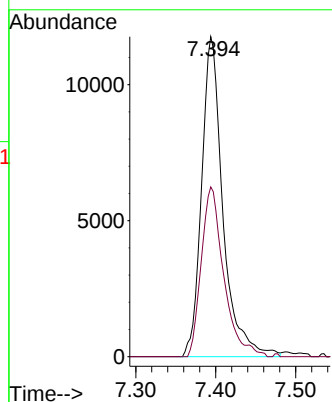
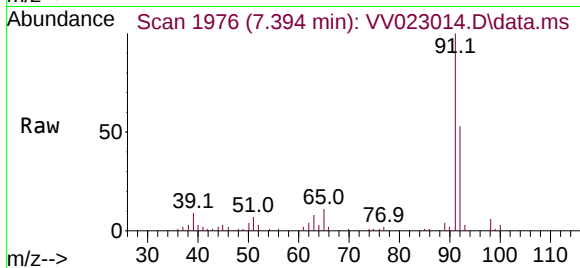
ClientSampleId :

Tgt Ion: 91 Resp: 21828

Ion Ratio Lower Upper

91 100

92 53.1 39.3 72.9



#47

Tetrachloroethene

Concen: 3.574 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.006 min

Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

Tgt Ion: 164 Resp: 26344

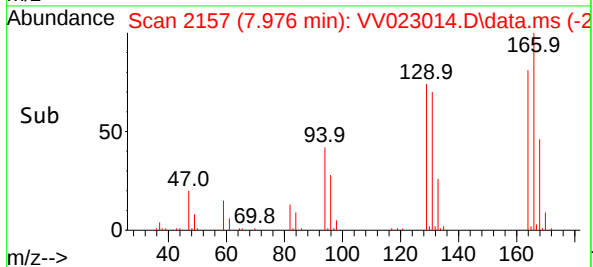
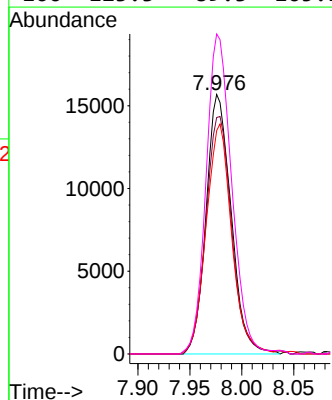
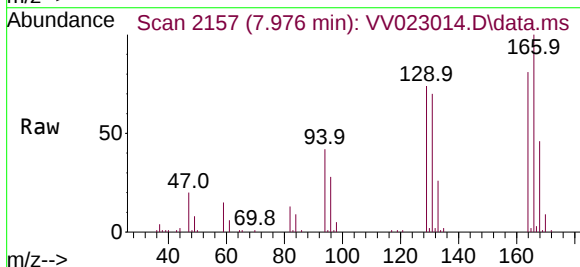
Ion Ratio Lower Upper

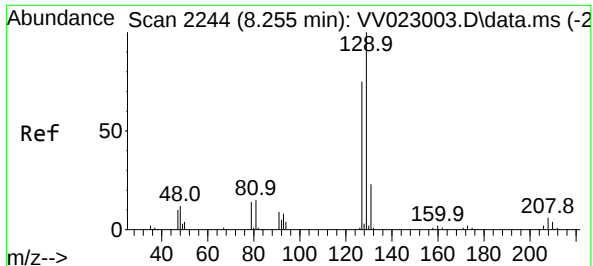
164 100

129 91.1 64.0 119.0

131 86.1 63.4 117.8

166 123.3 89.3 165.9





#49

Dibromochloromethane

Concen: 3.049 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.276 min

Lab File: VV023014.D

Acq: 23 Oct 2021 16:59

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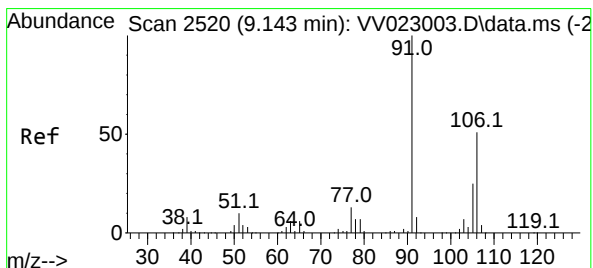
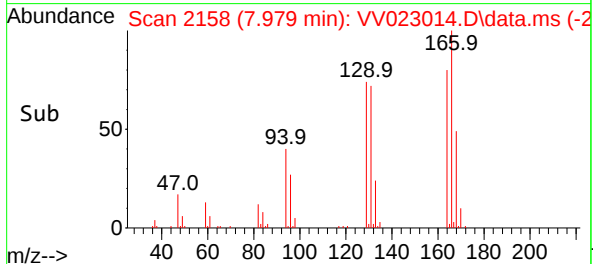
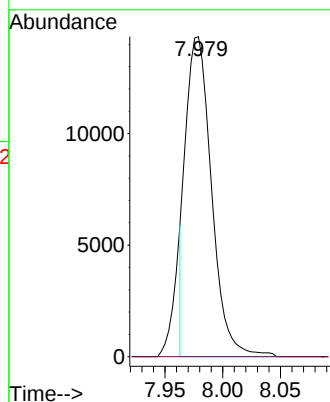
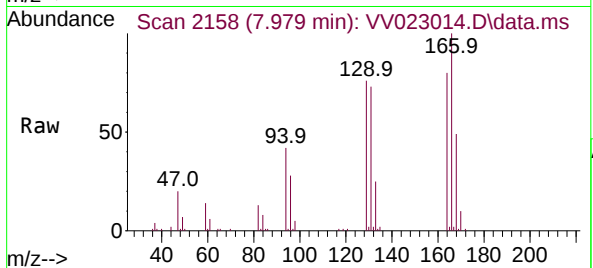
ClientSampleId :

Tgt Ion:129 Resp: 22222

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#53

m,p-xylene

Concen: 0.105 ug/L

RT: 9.153 min Scan# 2523

Delta R.T. 0.010 min

Lab File: VV023014.D

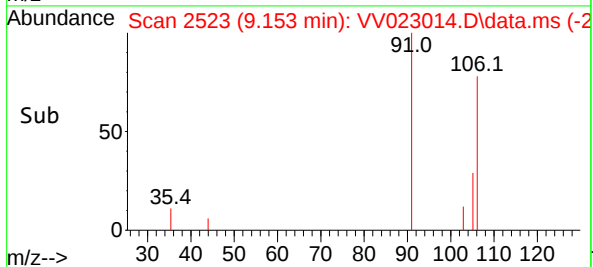
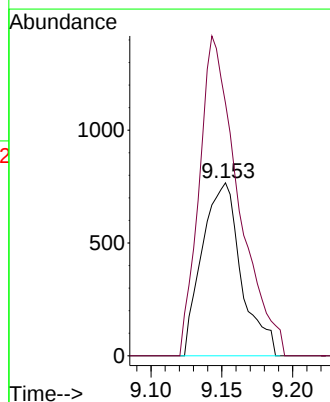
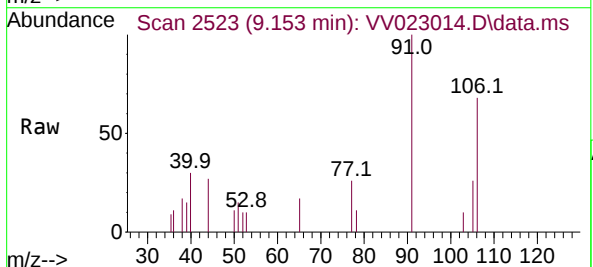
Acq: 23 Oct 2021 16:59

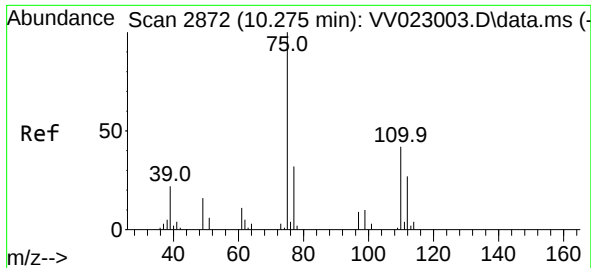
Tgt Ion:106 Resp: 1469

Ion Ratio Lower Upper

106 100

91 146.0 137.2 254.8

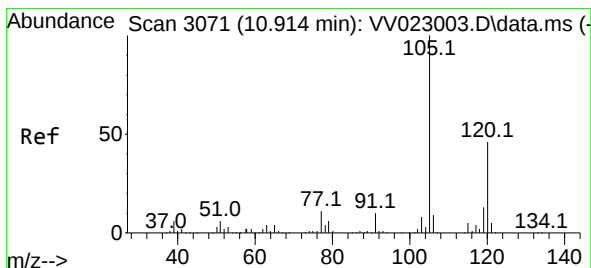
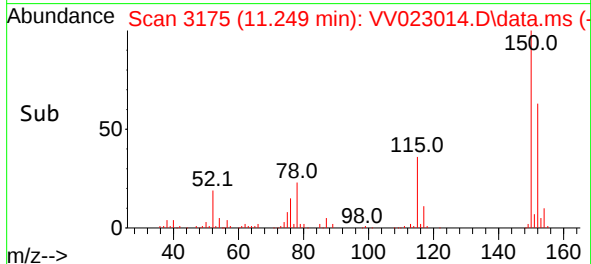
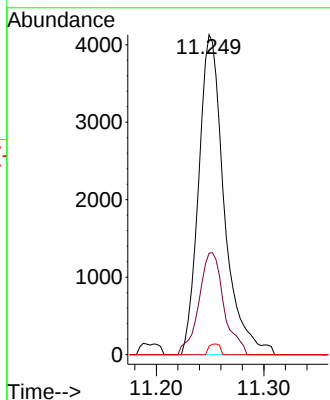
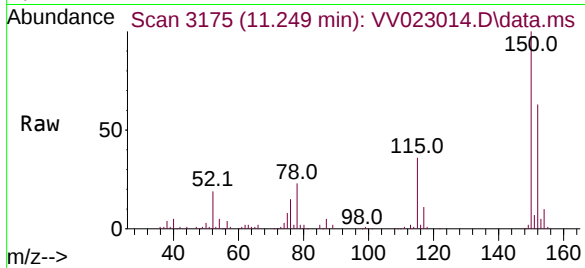




#61
 1,2,3-Trichloropropane
 Concen: 1.769 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

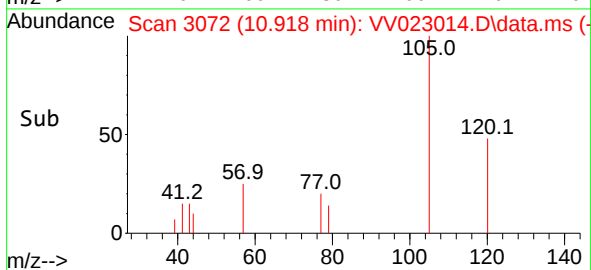
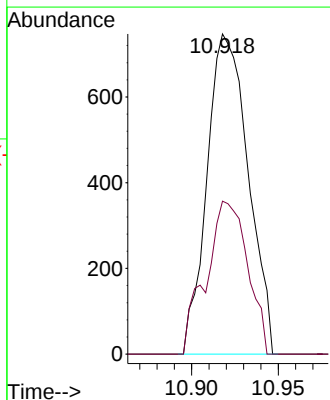
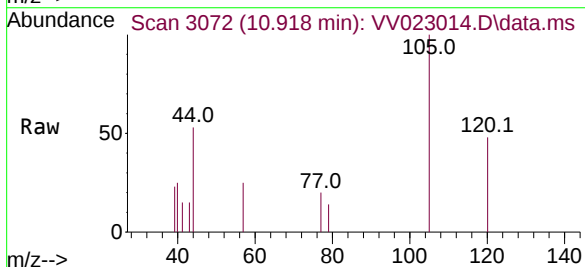
Instrument :
 MSVOA_V
 ClientSampleId :

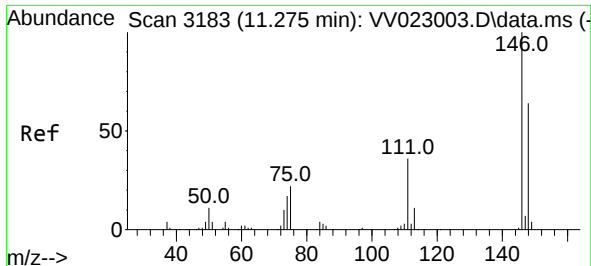
Tgt Ion: 75 Resp: 6789
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.6 39.8
 110 1.4 31.8 47.6#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.056 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.003 min
 Lab File: VV023014.D
 Acq: 23 Oct 2021 16:59

Tgt Ion: 105 Resp: 1235
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.4 56.2

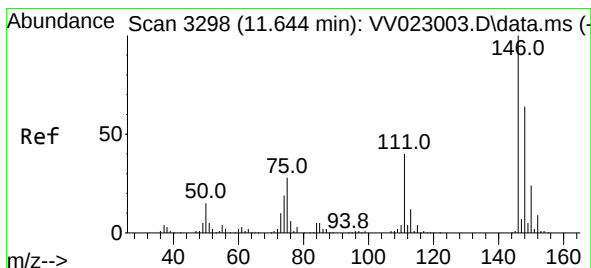
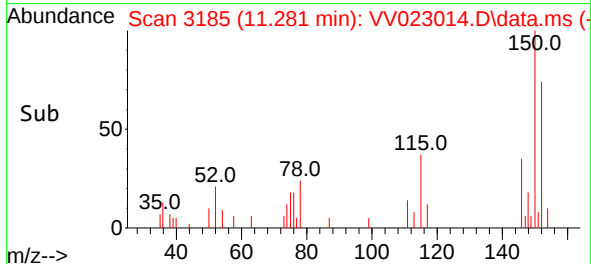
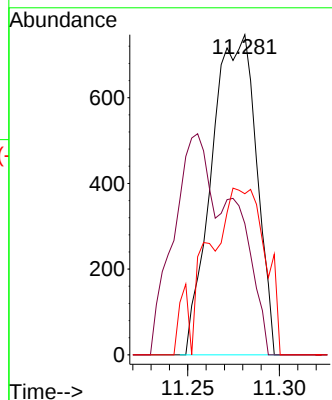
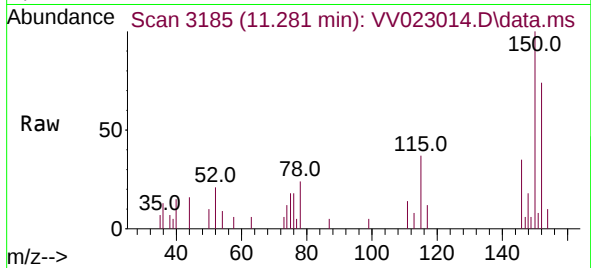




#65
1,4-Dichlorobenzene
Concen: 0.086 ug/L
RT: 11.281 min Scan# 3185
Delta R.T. 0.006 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1265
Ion Ratio Lower Upper
146 100
111 41.0 26.2 48.8
148 50.3 44.4 82.5



#67
1,2-Dichlorobenzene
Concen: 0.071 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV023014.D
Acq: 23 Oct 2021 16:59

Tgt Ion:146 Resp: 956
Ion Ratio Lower Upper
146 100
111 58.1 31.6 47.4#
148 49.4 51.0 76.6#

