

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022212.D
 Acq On : 18 Sep 2021 02:18
 Operator : SY/MD
 Sample : M3787-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 04:45:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

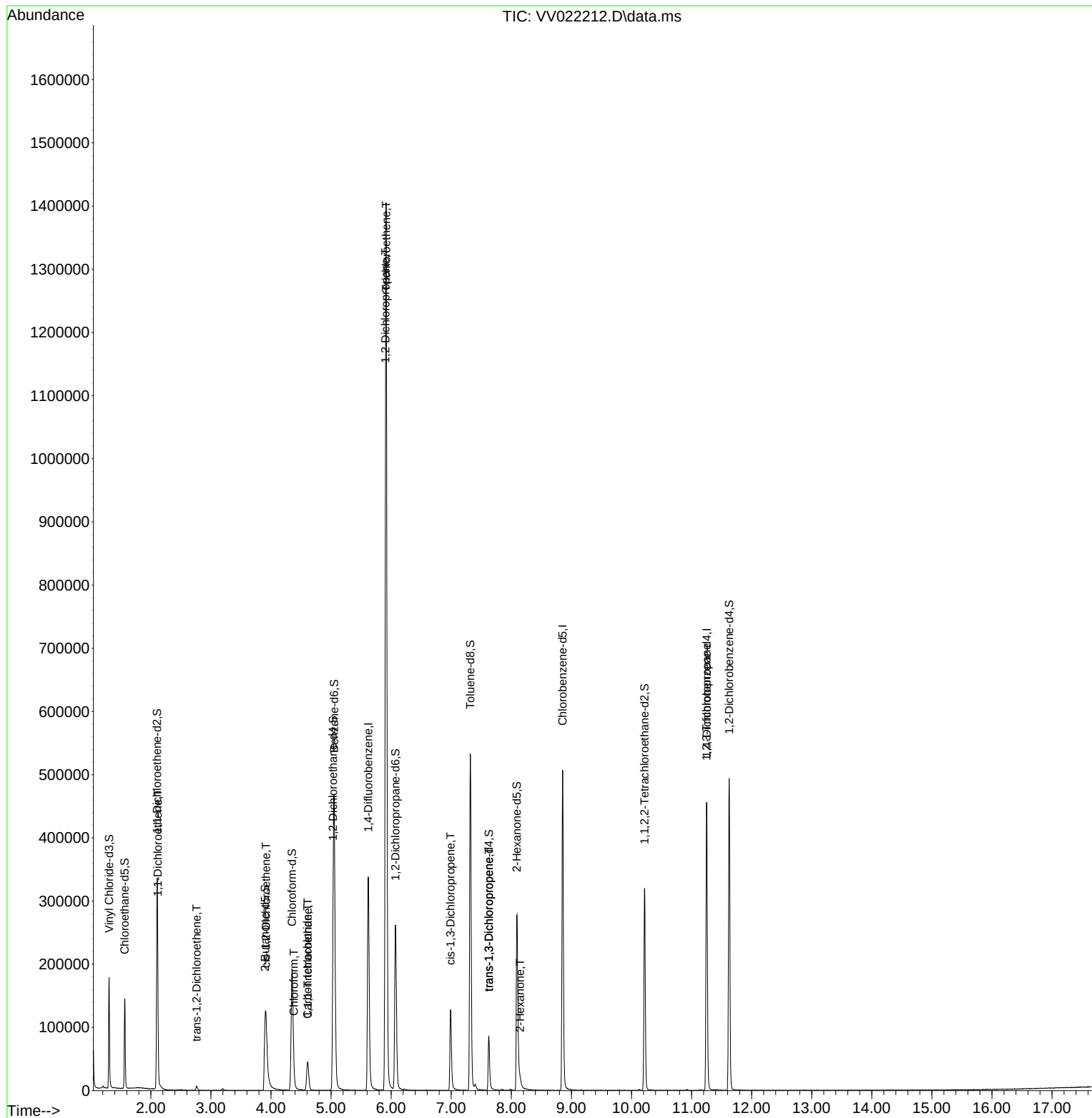
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	299134	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	286018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	123635	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	113622	54.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 109.700%	
7) Chloroethane-d5	1.564	69	89559	55.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 110.720%	
11) 1,1-Dichloroethene-d2	2.105	63	163945	47.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 95.700%	
21) 2-Butanone-d5	3.902	46	166590	117.259	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 117.260%	
24) Chloroform-d	4.349	84	196351	51.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.960%	
26) 1,2-Dichloroethane-d4	5.034	65	121526	54.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.240%	
32) Benzene-d6	5.050	84	407297	52.502	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.000%	
36) 1,2-Dichloropropane-d6	6.072	67	131451	53.880	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.760%	
41) Toluene-d8	7.317	98	360778	49.265	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 98.540%	
43) trans-1,3-Dichloroprop...	7.625	79	49673	42.777	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 85.560%	
47) 2-Hexanone-d5	8.092	63	97752	104.423	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 104.420%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	153226	49.039	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 98.080%	
66) 1,2-Dichlorobenzene-d4	11.625	152	131063	53.924	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.840%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	20779	12.043	ug/L #	1
17) trans-1,2-Dichloroethene	2.761	96	2582	1.238	ug/L	92
20) cis-1,2-Dichloroethene	3.915	96	34953	15.053	ug/L	97
25) Chloroform	4.381	83	2525	0.642	ug/L	85
30) 1,1,1-Trichloroethane	4.613	97	37817	11.125	ug/L	97
31) Carbon tetrachloride	4.606	117	2753	0.943	ug/L	86
34) Trichloroethene	5.915	95	485830	206.111	ug/L	98
37) 1,2-Dichloropropane	5.905	63	2923	1.355	ug/L	98
39) cis-1,3-Dichloropropene	6.989	75	3197	0.960	ug/L #	73
44) trans-1,3-Dichloropropene	7.625	75	2156	0.696	ug/L #	70
48) 2-Hexanone	8.146	43	7253	3.197	ug/L #	46
61) 1,2,3-Trichloropropane	11.249	75	13454	6.279	ug/L #	63

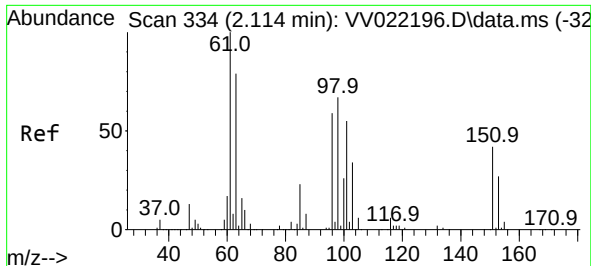
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 18 04:25:40 2021
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#12

1,1-Dichloroethene

Concen: 12.043 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.000 min

Lab File: VV022212.D

Acq: 18 Sep 2021 02:18

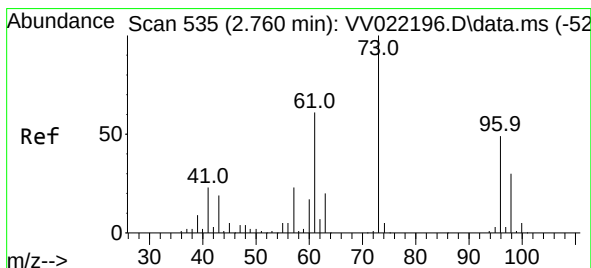
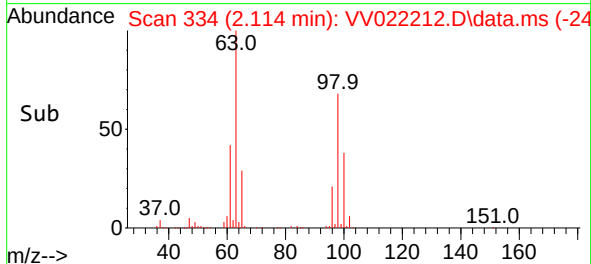
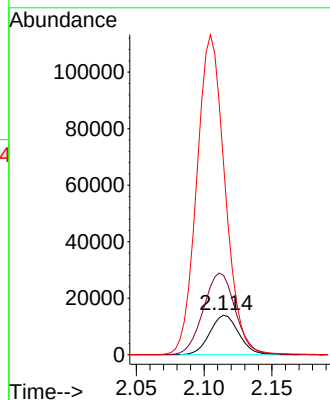
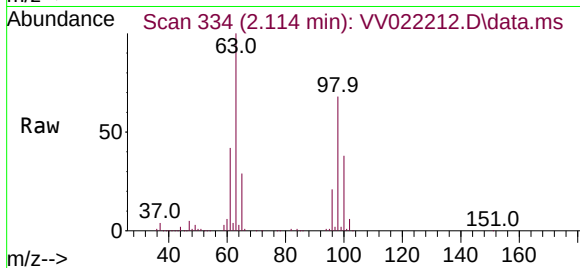
Tgt Ion: 96 Resp: 20779

Ion Ratio Lower Upper

96 100

61 200.8 113.2 210.2

63 483.5 102.3 189.9#



#17

trans-1,2-Dichloroethene

Concen: 1.238 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV022212.D

Acq: 18 Sep 2021 02:18

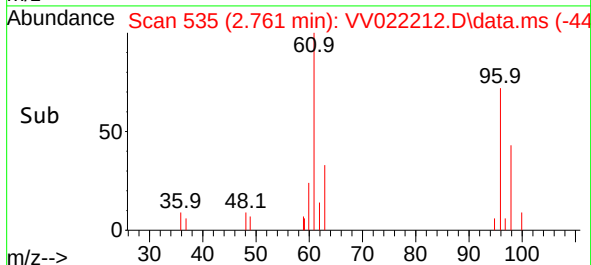
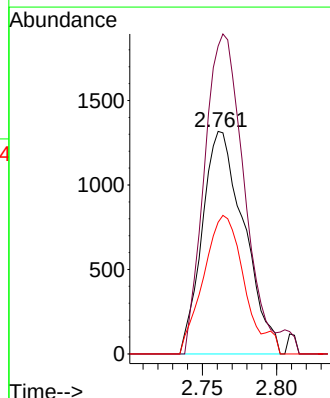
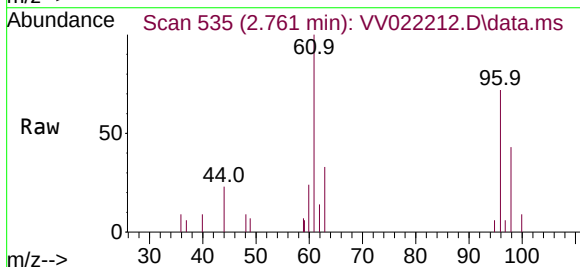
Tgt Ion: 96 Resp: 2582

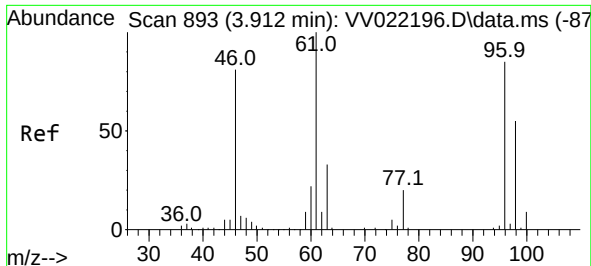
Ion Ratio Lower Upper

96 100

61 138.3 89.1 165.5

98 59.1 43.8 81.3

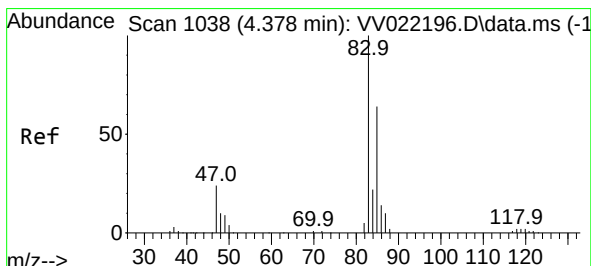
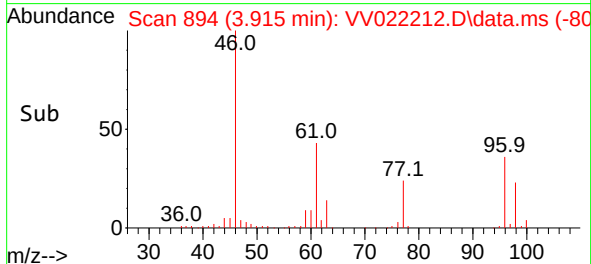
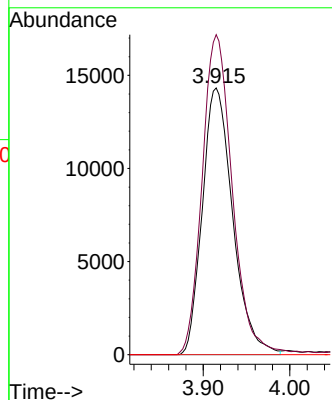
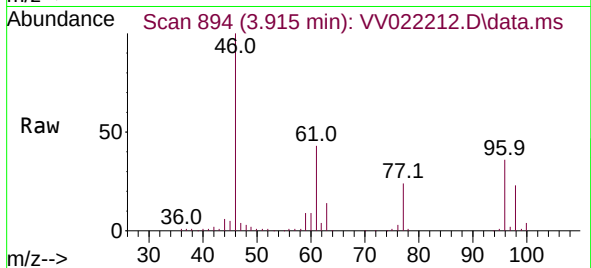




#20
cis-1,2-Dichloroethene
Concen: 15.053 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

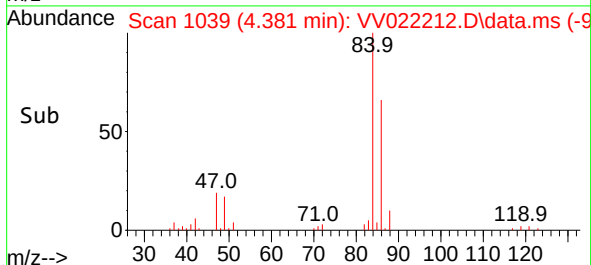
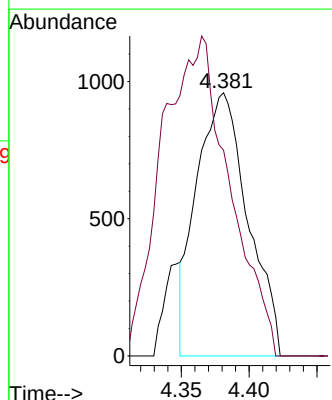
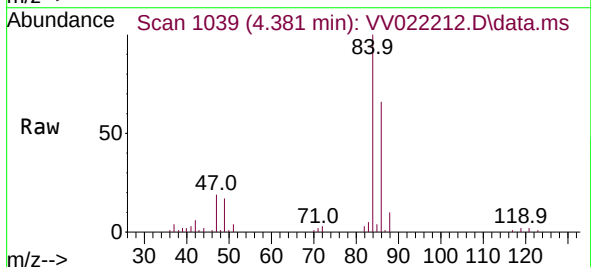
Instrument :
MSVOA_V
ClientSampleId :

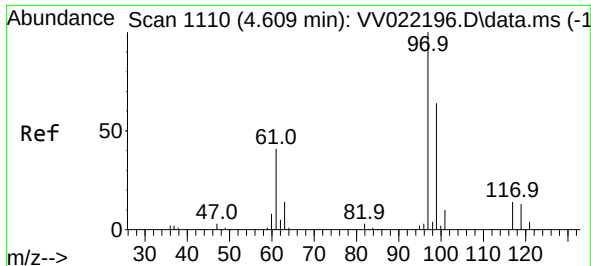
Tgt Ion: 96 Resp: 34953
Ion Ratio Lower Upper
96 100
61 120.0 81.8 152.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.642 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Tgt Ion: 83 Resp: 2525
Ion Ratio Lower Upper
83 100
85 78.2 46.3 85.9

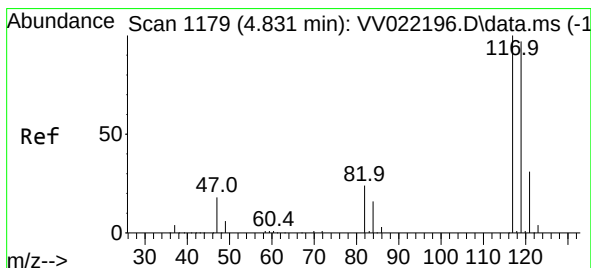
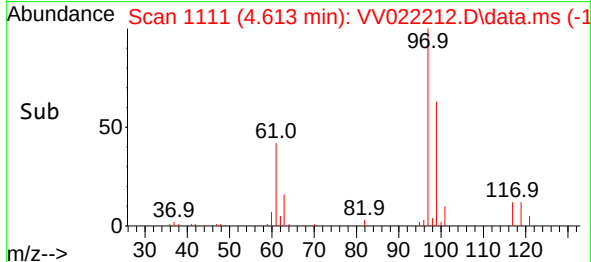
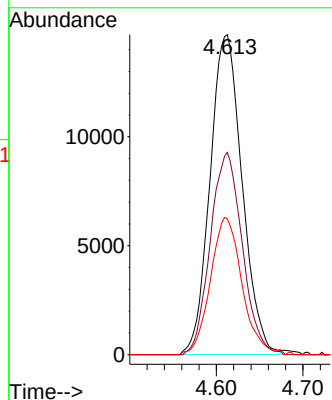
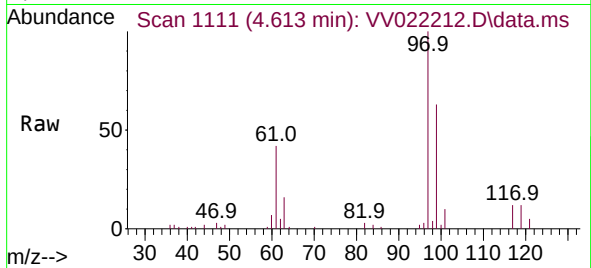




#30
1,1,1-Trichloroethane
Concen: 11.125 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

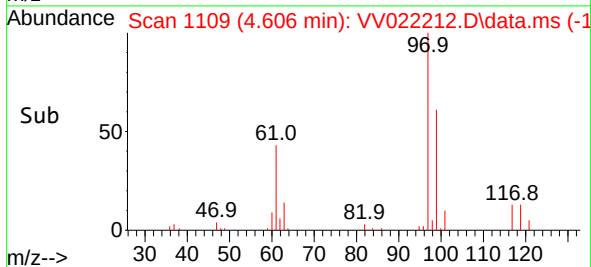
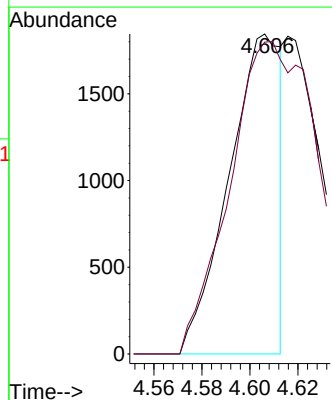
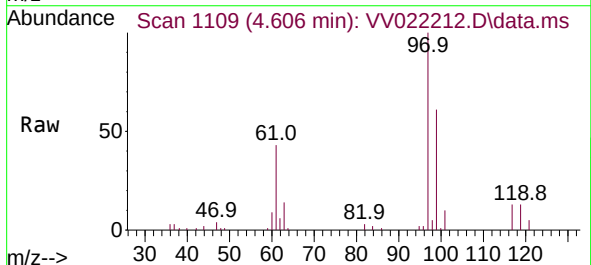
Instrument :
MSVOA_V
ClientSampled :

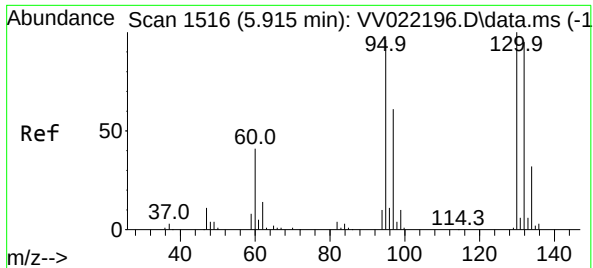
Tgt Ion: 97 Resp: 37817
Ion Ratio Lower Upper
97 100
99 62.8 52.0 78.0
61 42.0 31.8 47.8



#31
Carbon tetrachloride
Concen: 0.943 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.225 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Tgt Ion: 117 Resp: 2753
Ion Ratio Lower Upper
117 100
119 109.1 76.6 114.8





#34

Trichloroethene

Concen: 206.111 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV022212.D

Acq: 18 Sep 2021 02:18

Tgt Ion: 95 Resp: 485830

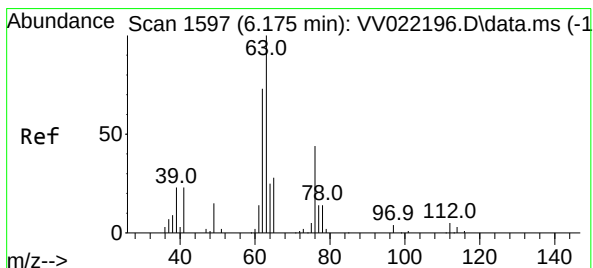
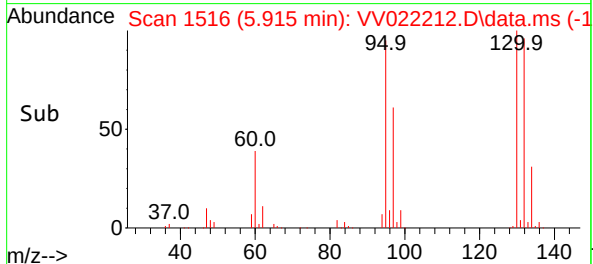
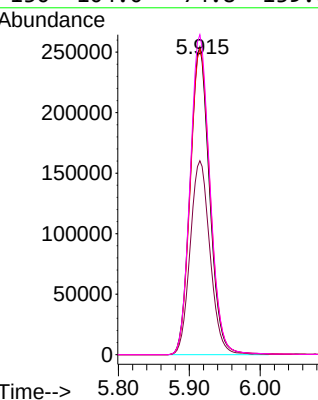
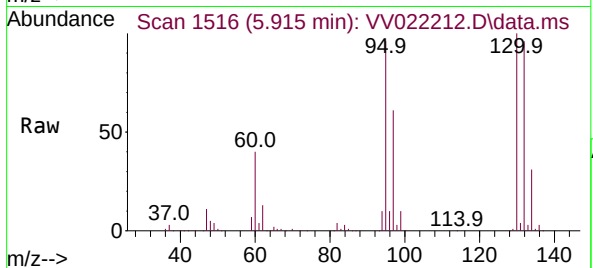
Ion Ratio Lower Upper

95 100

97 63.0 44.1 81.9

132 99.4 70.7 131.3

130 104.0 74.8 139.0



#37

1,2-Dichloropropane

Concen: 1.355 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.270 min

Lab File: VV022212.D

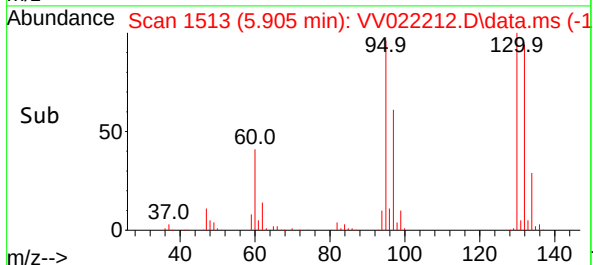
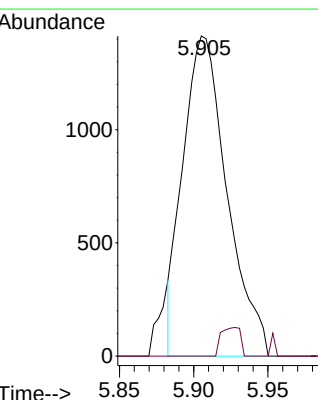
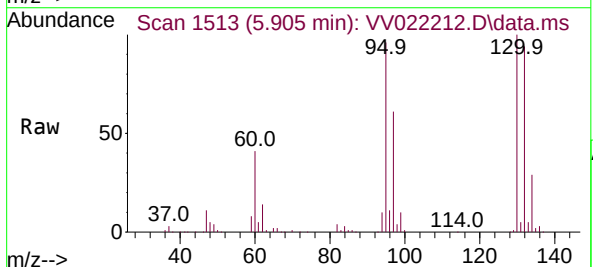
Acq: 18 Sep 2021 02:18

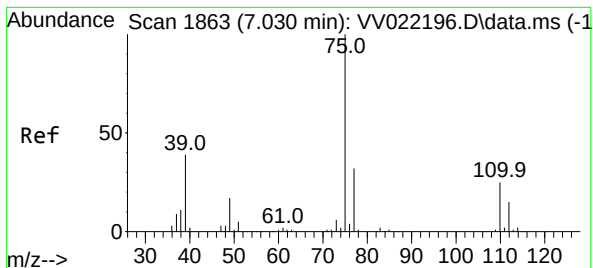
Tgt Ion: 63 Resp: 2923

Ion Ratio Lower Upper

63 100

112 3.9 3.8 5.6



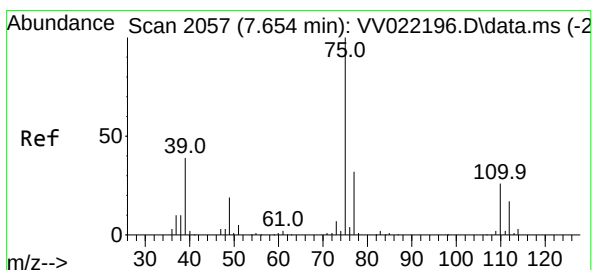
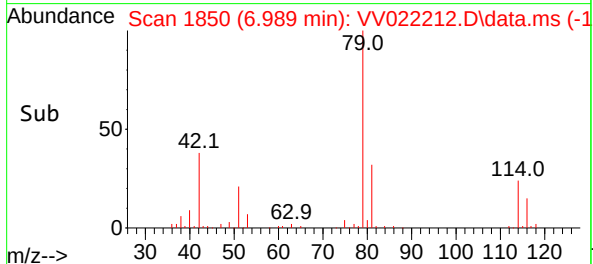
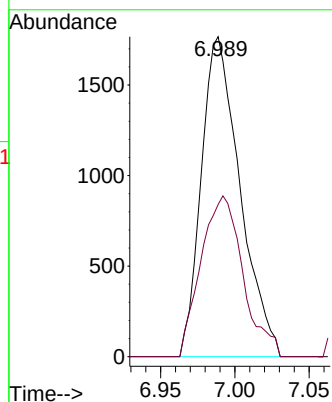
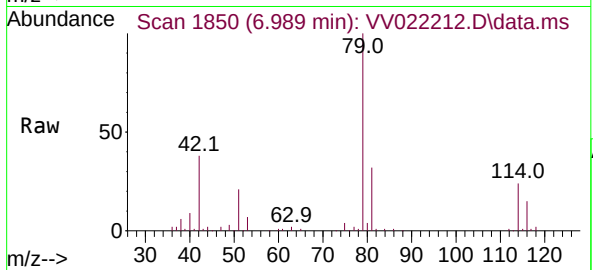


#39

cis-1,3-Dichloropropene
Concen: 0.960 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Instrument :
MSVOA_V
ClientSampled :

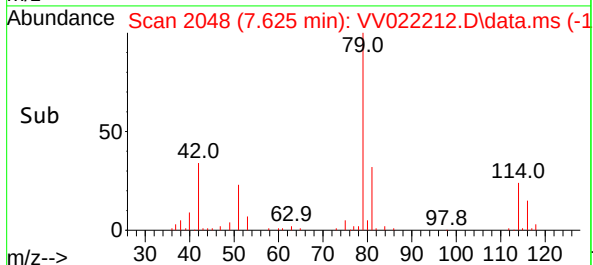
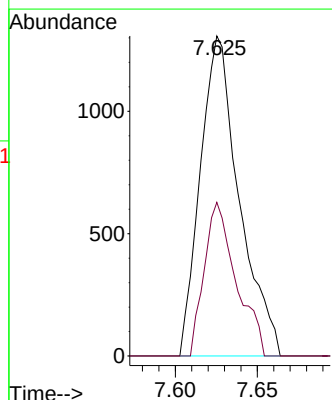
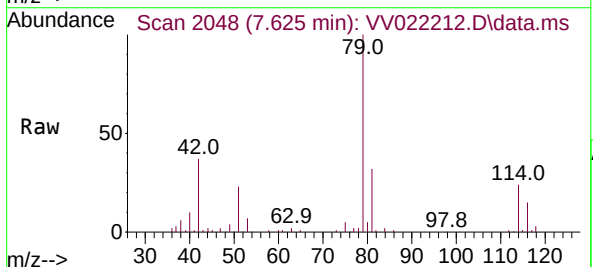
Tgt Ion: 75 Resp: 3197
Ion Ratio Lower Upper
75 100
77 47.5 22.7 42.1#

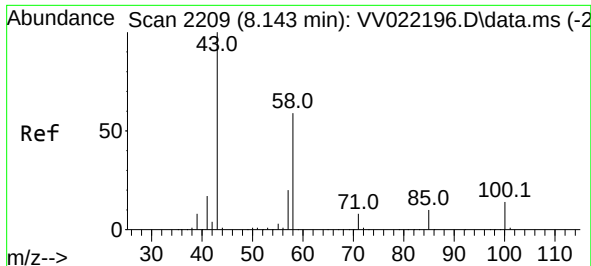


#44

trans-1,3-Dichloropropene
Concen: 0.696 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.029 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Tgt Ion: 75 Resp: 2156
Ion Ratio Lower Upper
75 100
77 48.0 21.8 40.6#



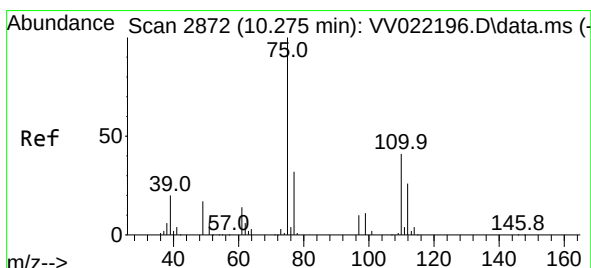
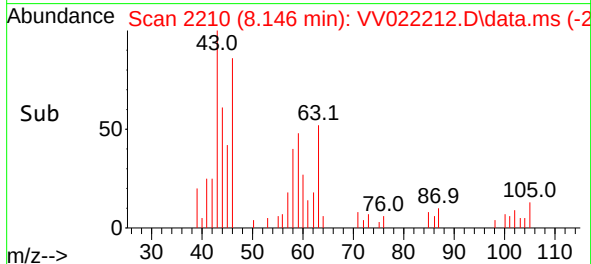
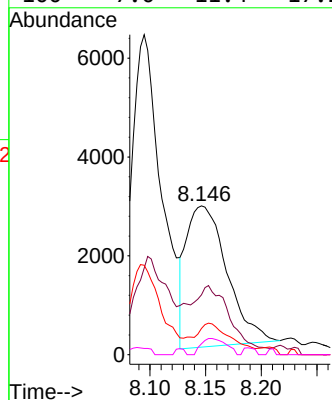
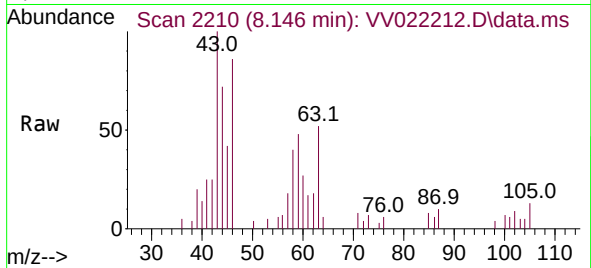


#48
2-Hexanone
Concen: 3.197 ug/L
RT: 8.146 min Scan# 2210
Delta R.T. 0.003 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 7253

Ion	Ratio	Lower	Upper
43	100		
58	2.2	47.5	71.3#
57	13.0	15.9	23.9#
100	7.0	11.4	17.2#



#61
1,2,3-Trichloropropane
Concen: 6.279 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022212.D
Acq: 18 Sep 2021 02:18

Tgt Ion: 75 Resp: 13454

Ion	Ratio	Lower	Upper
75	100		
77	34.9	26.2	39.2
110	2.6	33.8	50.6#

