

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031121\
 Data File : VV020508.D
 Acq On : 10 Mar 2021 20:15
 Operator : SY/MD
 Sample : M1632-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B41

Quant Time: Mar 11 00:53:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM030521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 11 00:50:19 2021
 Response via : Initial Calibration

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

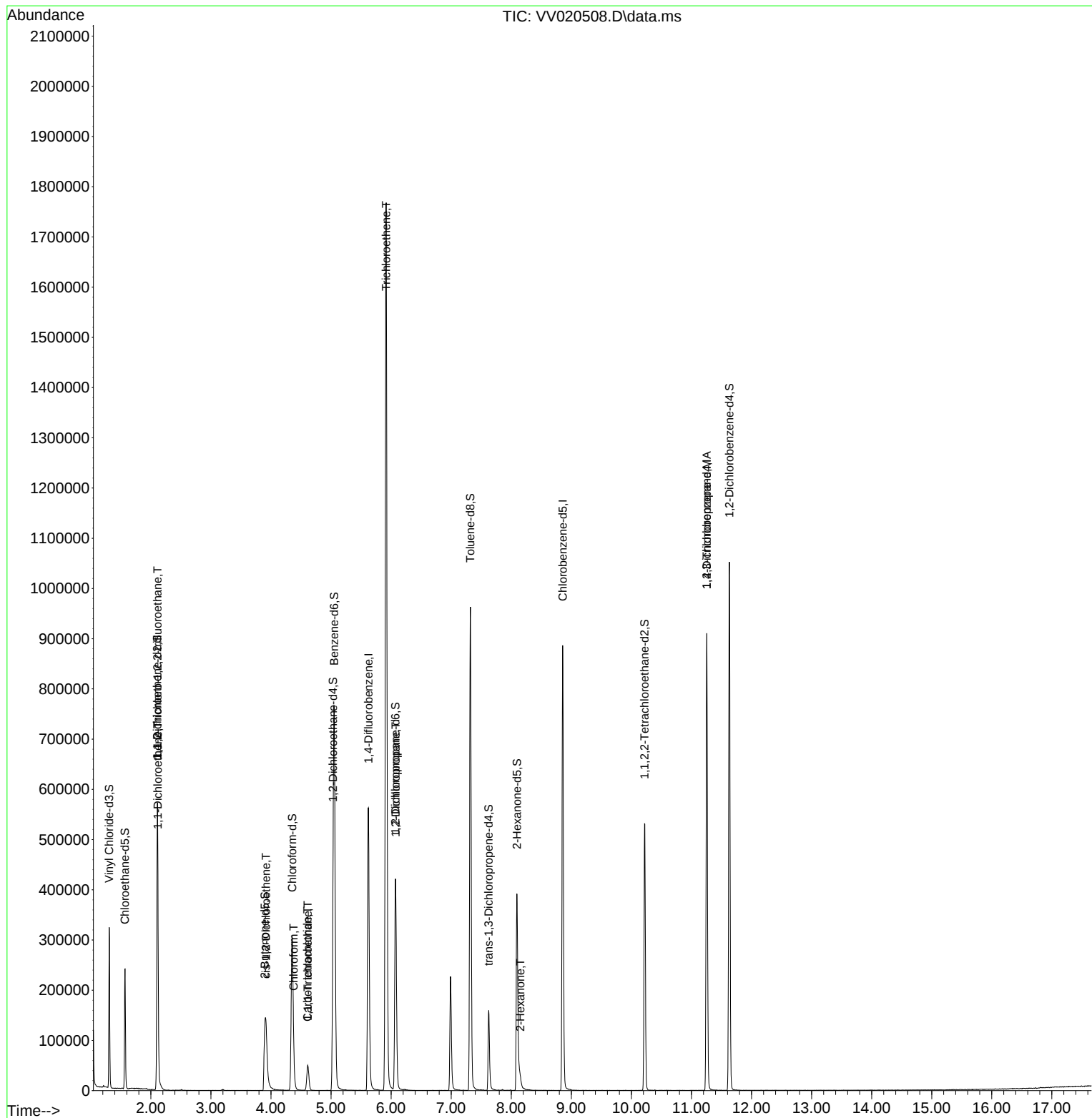
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	526587	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	517807	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	255301	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	201175	52.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	104.24%		
7) Chloroethane-d5	1.568	69	157138	52.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.14%		
11) 1,1-Dichloroethene-d2	2.108	63	273305	42.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.04%		
21) 2-Butanone-d5	3.899	46	201384	103.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.02%		
24) Chloroform-d	4.352	84	328843	49.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.54%		
26) 1,2-Dichloroethane-d4	5.034	65	213377	52.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.08%		
32) Benzene-d6	5.053	84	702715	53.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	107.60%		
36) 1,2-Dichloropropane-d6	6.072	67	207100	52.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.90%		
41) Toluene-d8	7.320	98	660415	52.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.56%		
43) trans-1,3-Dichloroprop...	7.625	79	93952	49.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.96%		
47) 2-Hexanone-d5	8.095	63	136980	97.00	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.00%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	247096	47.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.48%		
64) 1,2-Dichlorobenzene-d4	11.632	152	294345	58.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.78%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2945	0.86	ug/L #	27
12) 1,1-Dichloroethene	2.118	96	39149	11.52	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	38294	10.32	ug/L	79
25) Chloroform	4.378	83	13849	2.10	ug/L	93
30) 1,1,1-Trichloroethane	4.613	97	43037	7.64	ug/L #	92
31) Carbon tetrachloride	4.609	117	5909	1.18	ug/L #	51
34) Trichloroethene	5.918	95	603092	149.11	ug/L	87
37) 1,2-Dichloropropane	6.076	63	22786	6.75	ug/L #	89
48) 2-Hexanone	8.153	43	13171	4.32	ug/L #	78
59) 1,2,3-Trichloropropane	11.255	75	24290	5.34	ug/L	91

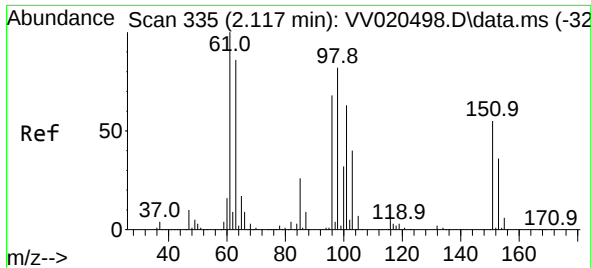
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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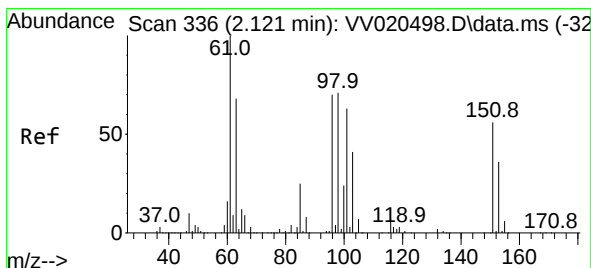
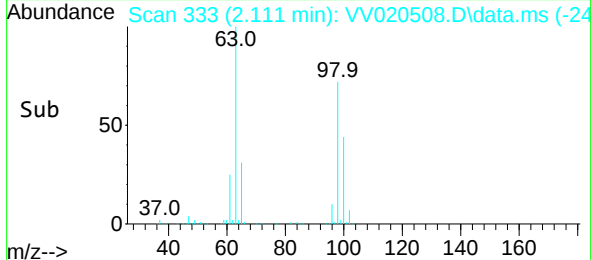
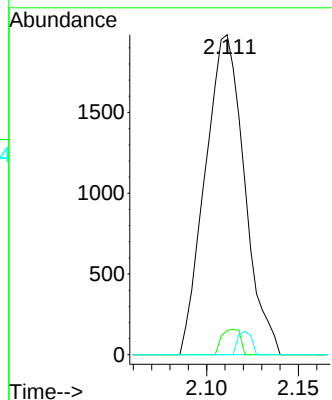
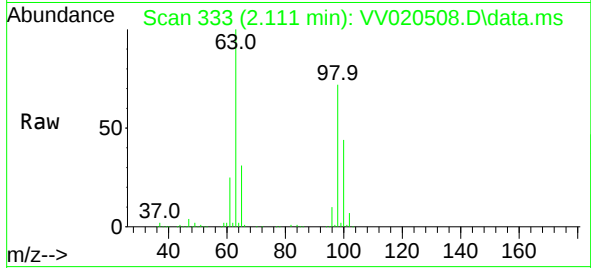




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.86 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV020508.D
 Acq: 10 Mar 2021 20:15

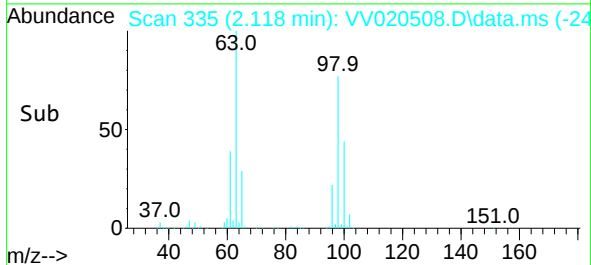
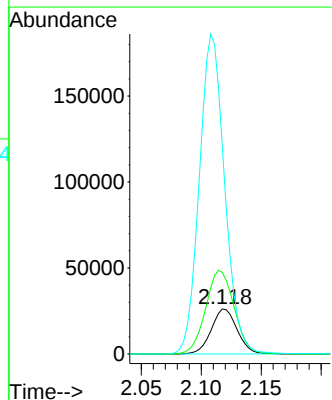
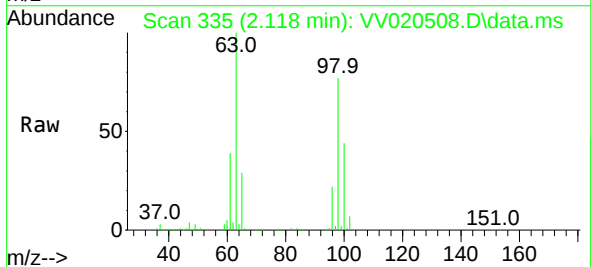
Instrument :
 MSVOA_V
 ClientSampled :
 C0B41

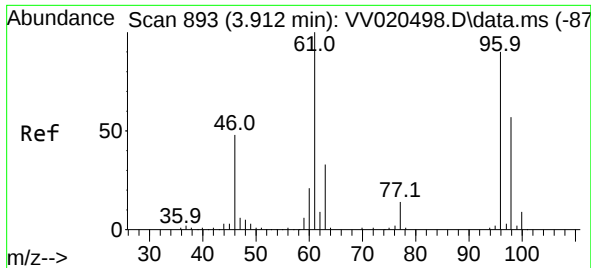
Tgt Ion:101 Resp: 2945
 Ion Ratio Lower Upper
 101 100
 85 3.8 35.3 52.9#
 151 2.5 53.6 80.4#



#12
 1,1-Dichloroethene
 Concen: 11.52 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020508.D
 Acq: 10 Mar 2021 20:15

Tgt Ion: 96 Resp: 39149
 Ion Ratio Lower Upper
 96 100
 61 181.9 134.9 250.5
 63 463.5 117.6 218.4#

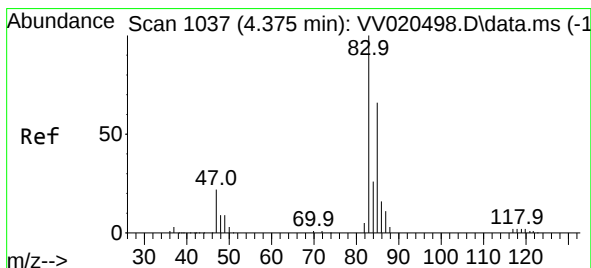
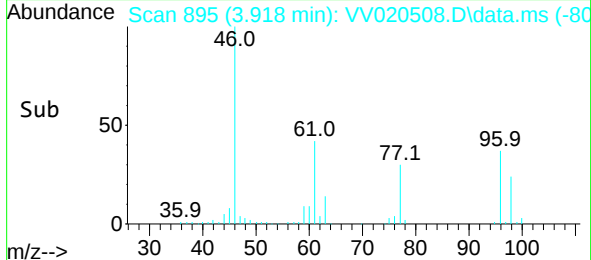
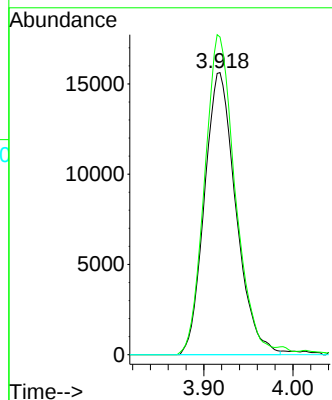
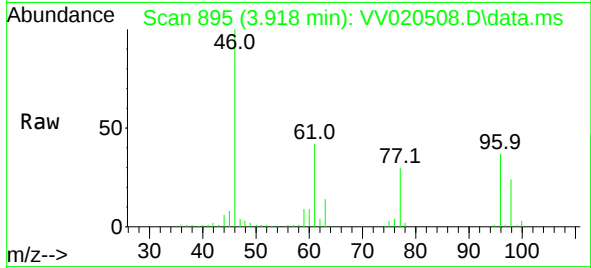




#20
cis-1,2-Dichloroethene
Concen: 10.32 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.007 min
Lab File: VV020508.D
Acq: 10 Mar 2021 20:15

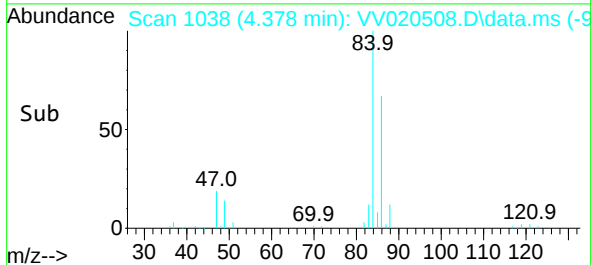
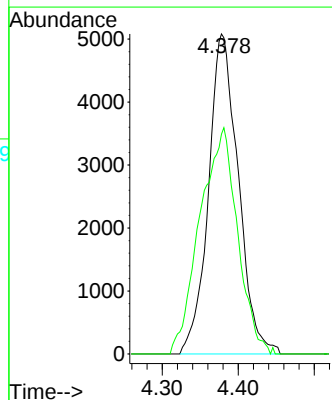
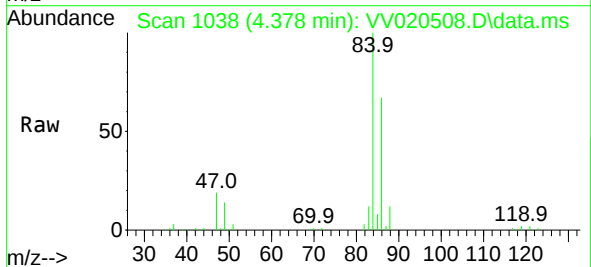
Instrument :
MSVOA_V
ClientSampleId :
C0B41

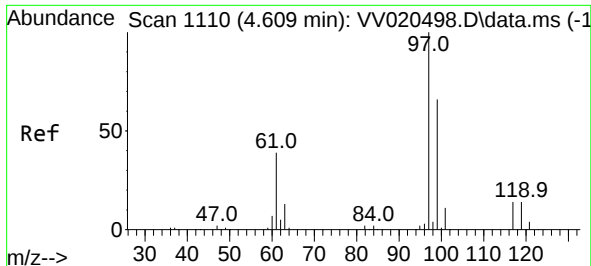
Tgt Ion: 96 Resp: 38294
Ion Ratio Lower Upper
96 100
61 112.6 96.9 179.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 2.10 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020508.D
Acq: 10 Mar 2021 20:15

Tgt Ion: 83 Resp: 13849
Ion Ratio Lower Upper
83 100
85 68.7 44.2 82.2





#30

1,1,1-Trichloroethane

Concen: 7.64 ug/L

RT: 4.613 min Scan# 1111

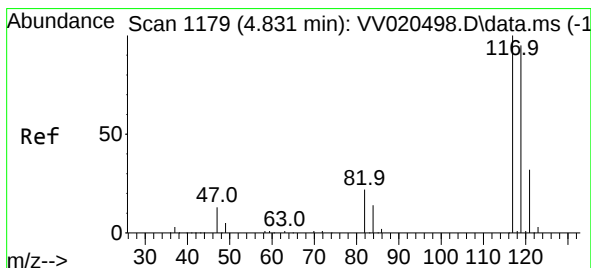
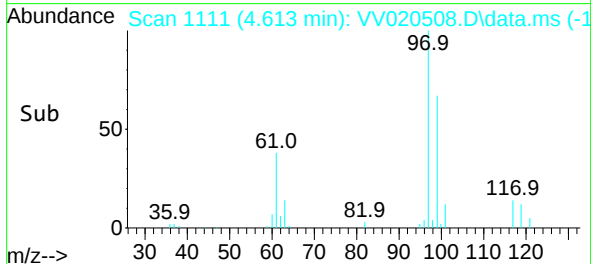
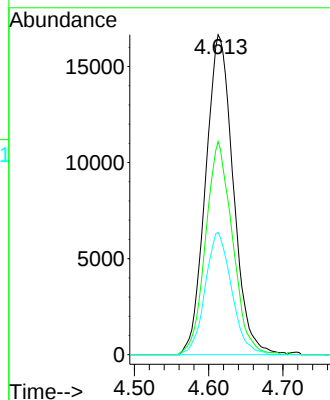
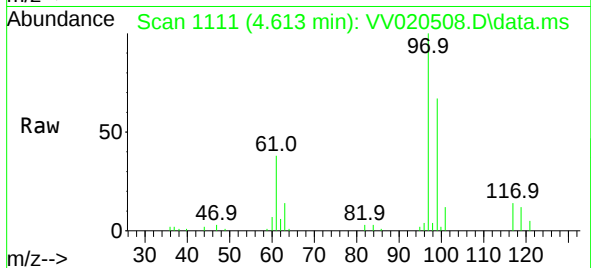
Delta R.T. 0.003 min

Lab File: VV020508.D

Acq: 10 Mar 2021 20:15

Tgt Ion: 97	Resp: 43037
Ion Ratio	Lower Upper
97 100	
99 64.7	51.2 76.8
61 36.6	38.5 57.7#

Instrument :
MSVOA_V
ClientSampled :
C0B41



#31

Carbon tetrachloride

Concen: 1.18 ug/L

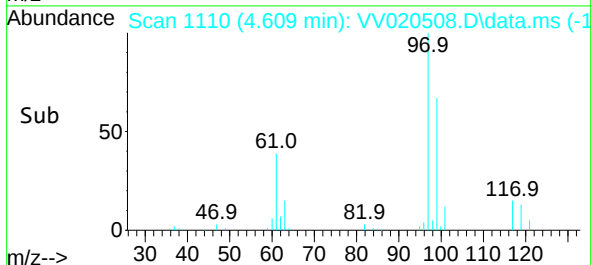
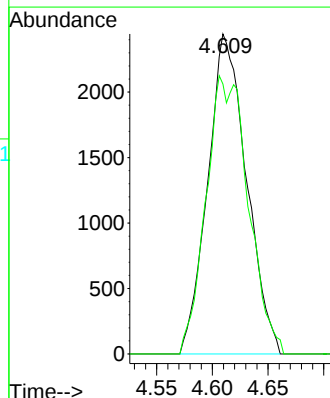
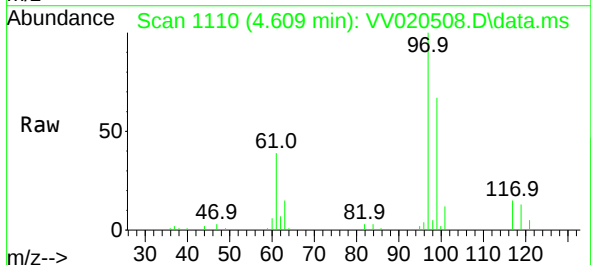
RT: 4.609 min Scan# 1110

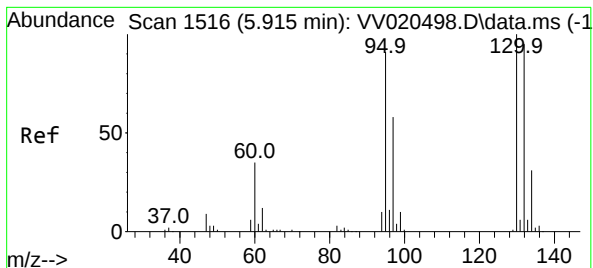
Delta R.T. -0.222 min

Lab File: VV020508.D

Acq: 10 Mar 2021 20:15

Tgt Ion: 117	Resp: 5909
Ion Ratio	Lower Upper
117 100	
119 47.8	76.3 114.5#





#34

Trichloroethene

Concen: 149.11 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV020508.D

Acq: 10 Mar 2021 20:15

Tgt Ion: 95 Resp: 603092

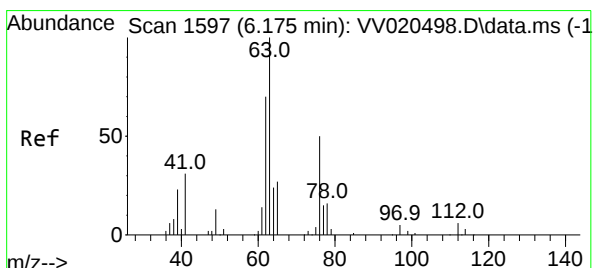
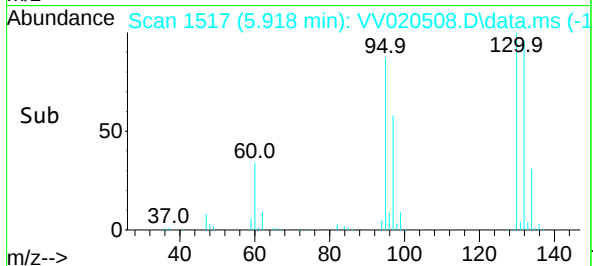
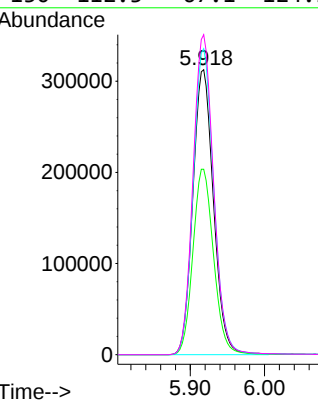
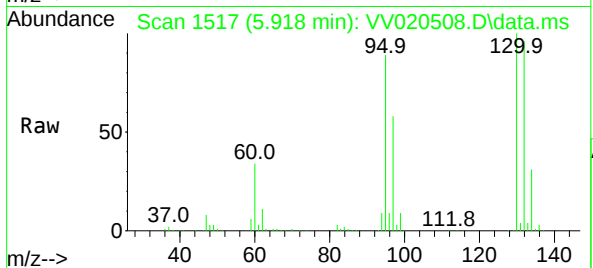
Ion Ratio Lower Upper

95 100

97 65.1 44.5 82.7

132 107.4 63.4 117.8

130 112.3 67.1 124.5



#37

1,2-Dichloropropane

Concen: 6.75 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.100 min

Lab File: VV020508.D

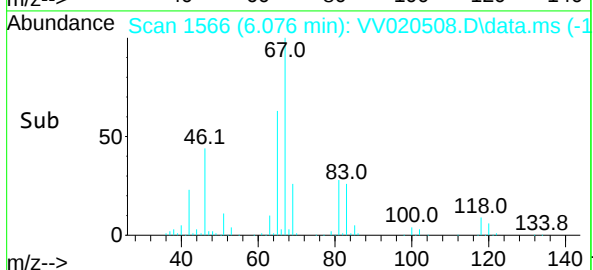
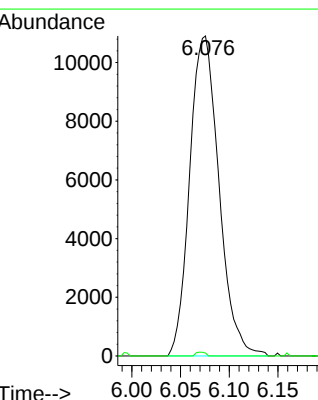
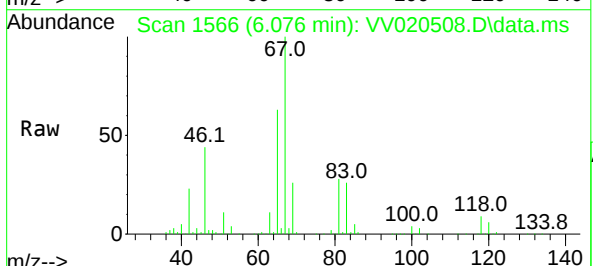
Acq: 10 Mar 2021 20:15

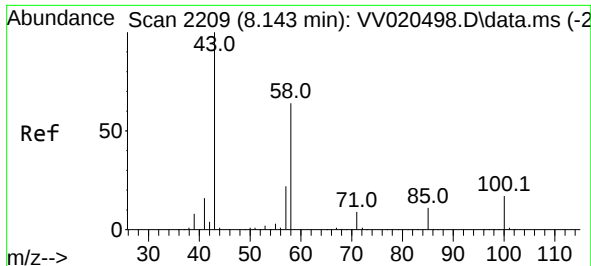
Tgt Ion: 63 Resp: 22786

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#48

2-Hexanone

Concen: 4.32 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.010 min

Lab File: VV020508.D

Acq: 10 Mar 2021 20:15

Tgt Ion: 43 Resp: 13171

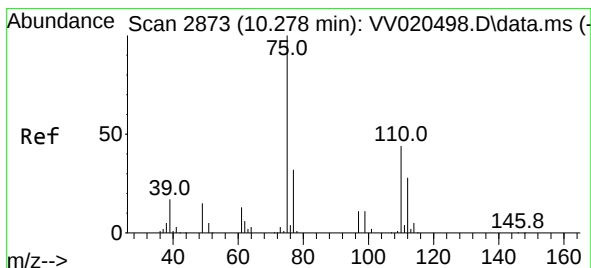
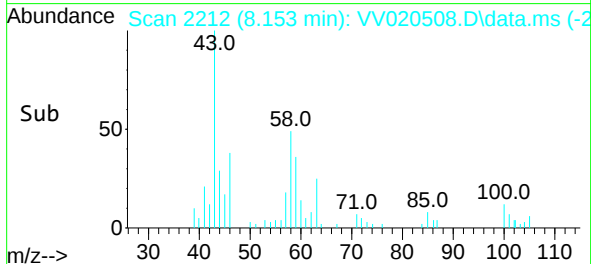
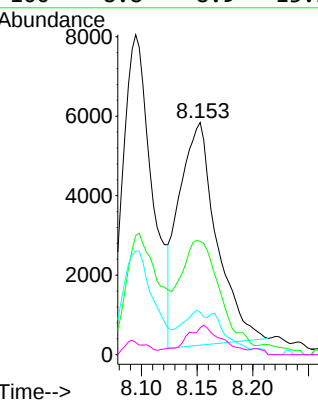
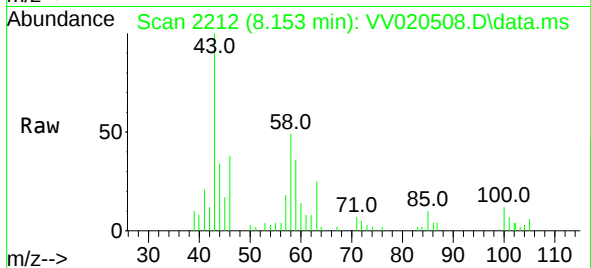
Ion Ratio Lower Upper

43 100

58 36.7 41.8 62.6#

57 3.9 15.0 22.4#

100 8.8 8.9 13.3#



#59

1,2,3-Trichloropropane

Concen: 5.34 ug/L

RT: 11.255 min Scan# 3177

Delta R.T. 0.978 min

Lab File: VV020508.D

Acq: 10 Mar 2021 20:15

Tgt Ion: 75 Resp: 24290

Ion Ratio Lower Upper

75 100

77 36.5 25.4 38.0

