

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012021\
 Data File : VW020081.D
 Acq On : 20 Jan 2021 17:23
 Operator : SY/MD
 Sample : M1173-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FY6

Quant Time: Jan 20 23:41:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012021WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 23:39:20 2021
 Response via : Initial Calibration

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

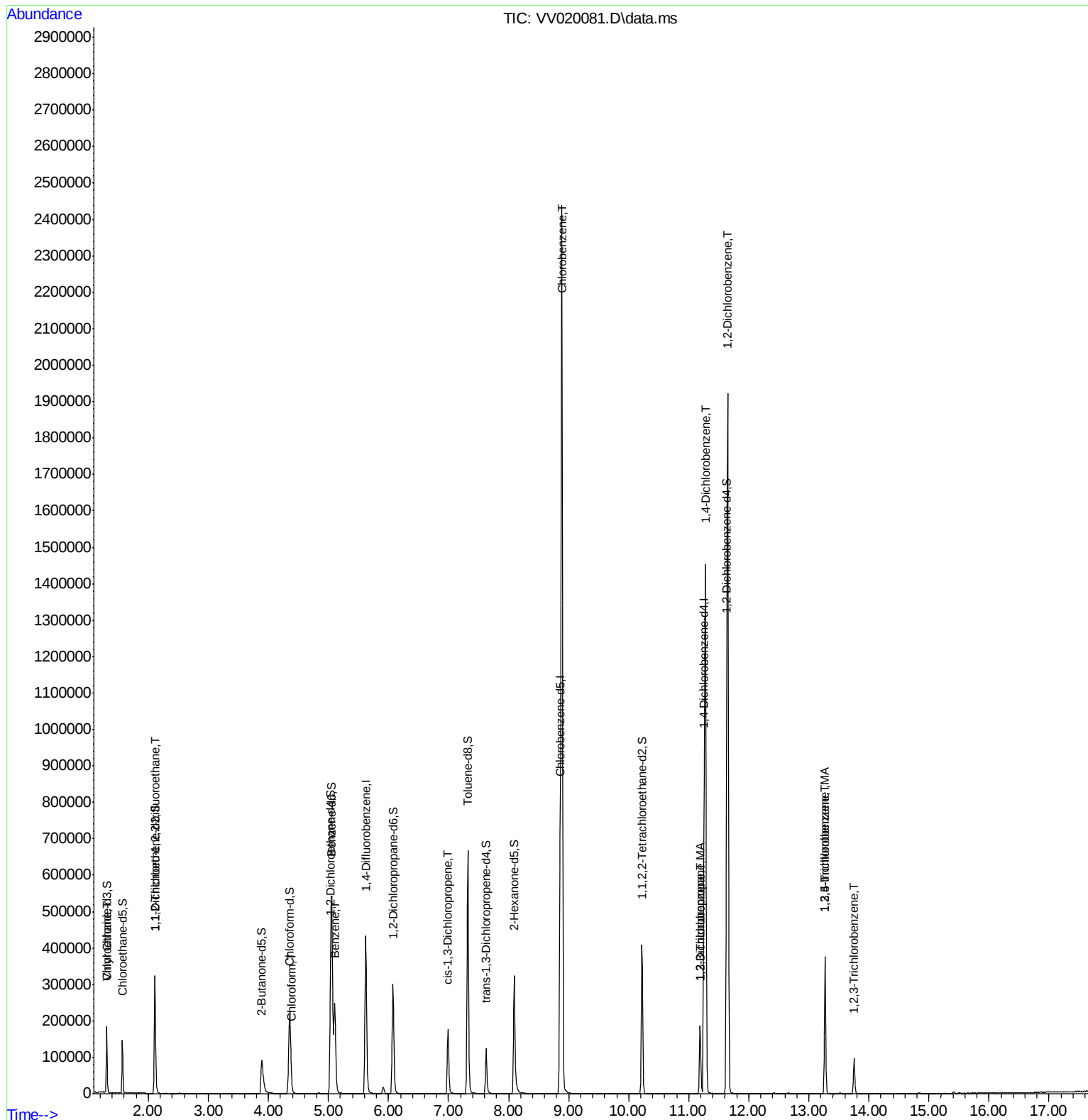
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	366371	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	358546	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	193026	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	113866	49.54	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.08%		
7) Chloroethane-d5	1.569	69	83926	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.74%		
11) 1,1-Dichloroethene-d2	2.110	63	168202	36.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.28%		
21) 2-Butanone-d5	3.891	46	157125	98.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	98.09%		
24) Chloroform-d	4.354	84	237547	46.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.56%		
26) 1,2-Dichloroethane-d4	5.036	65	165263	48.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.18%		
32) Benzene-d6	5.055	84	465546	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.22%		
36) 1,2-Dichloropropane-d6	6.074	67	135116	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.54%		
41) Toluene-d8	7.322	98	430883	48.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.58%		
43) trans-1,3-Dichloroprop...	7.624	79	71503	46.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.22%		
47) 2-Hexanone-d5	8.093	63	108393	94.75	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.75%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	183083	46.99	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.98%		
64) 1,2-Dichlorobenzene-d4	11.633	152	195282	51.69	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.38%		
Target Compounds					Qvalue	
8) Chloroethane	1.309	64	1684	1.15	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	1565	0.71	ug/L #	25
25) Chloroform	4.380	83	5502	1.14	ug/L	91
33) Benzene	5.103	78	252897	25.92	ug/L	100
39) cis-1,3-Dichloropropene	6.990	75	4952	1.23	ug/L #	71
51) Chlorobenzene	8.887	112	1253161	170.46	ug/L	96
59) 1,2,3-Trichloropropane	11.190	75	22898	6.80	ug/L #	43
62) 1,3-Dichlorobenzene	11.190	146	76856	13.19	ug/L	96
63) 1,4-Dichlorobenzene	11.280	146	557438	92.98	ug/L	98
65) 1,2-Dichlorobenzene	11.649	146	682320	116.77	ug/L	97
67) 1,3,5-Trichlorobenzene	13.270	180	112274	24.48	ug/L	99
68) 1,2,4-trichlorobenzene	13.270	180	112274	27.13	ug/L	99
70) 1,2,3-Trichlorobenzene	13.752	180	28659	7.27	ug/L	96

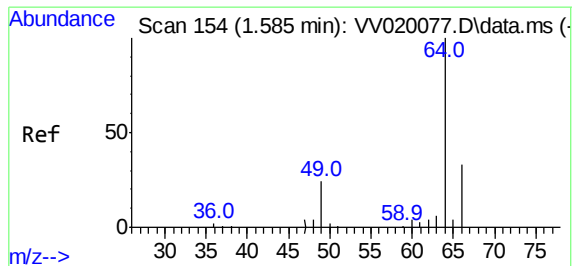
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 20 23:39:20 2021
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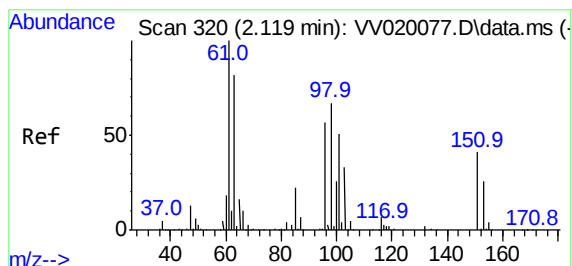
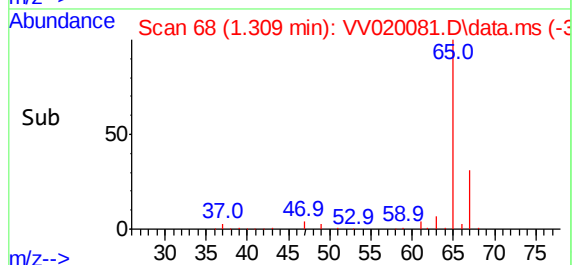
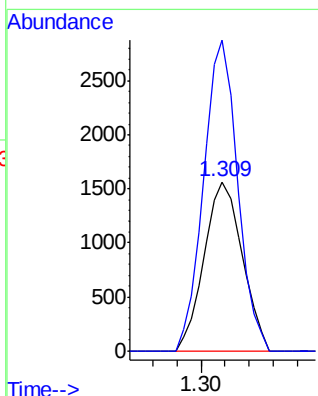
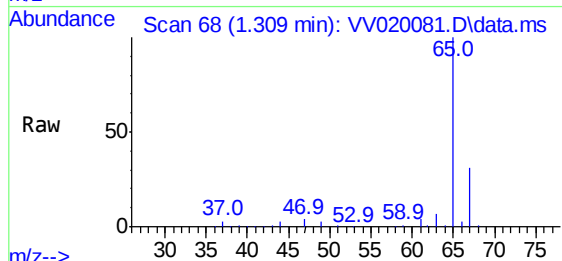




#8
Chloroethane
Concen: 1.15 ug/L
RT: 1.309 min Scan# 68
Delta R.T. -0.276 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

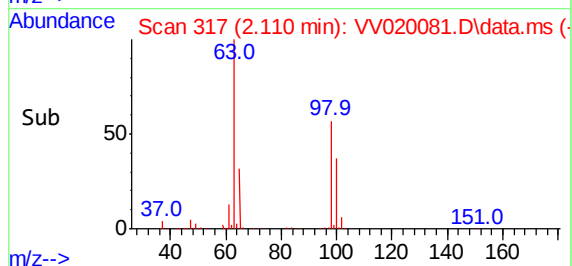
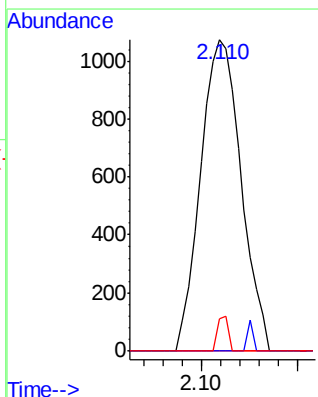
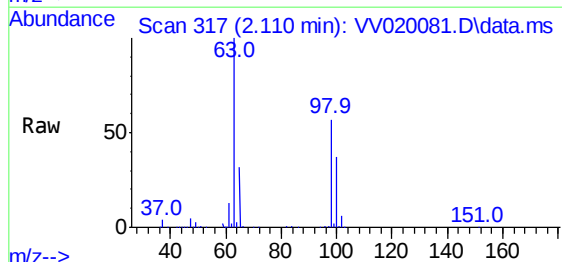
Instrument :
MSVOA_V
ClientSampled :
C0FY6

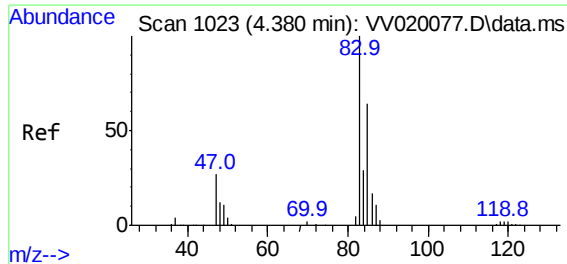
Tgt Ion: 64 Resp: 1684
Ion Ratio Lower Upper
64 100
66 183.7 22.4 41.6#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.71 ug/L
RT: 2.110 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

Tgt Ion:101 Resp: 1565
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 2.8 53.6 80.4#

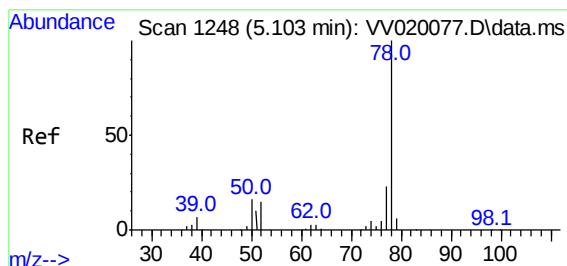
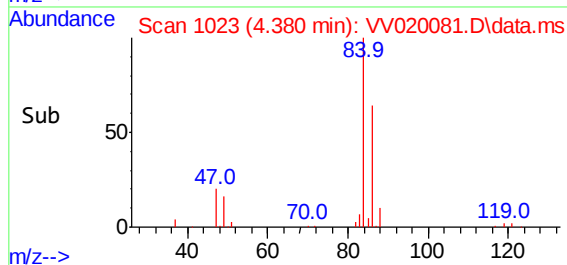
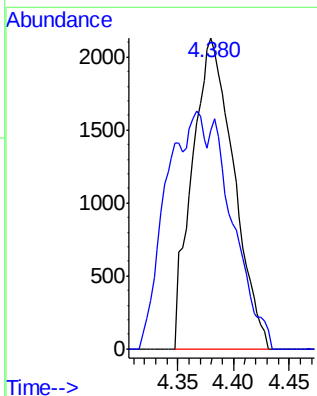
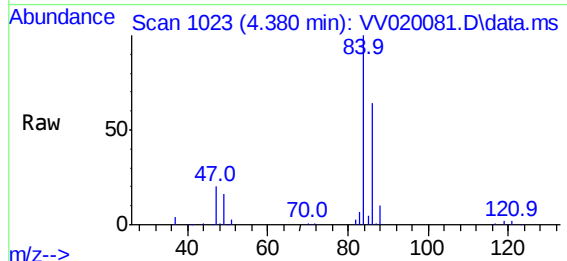




#25
Chloroform
Concen: 1.14 ug/L
RT: 4.380 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

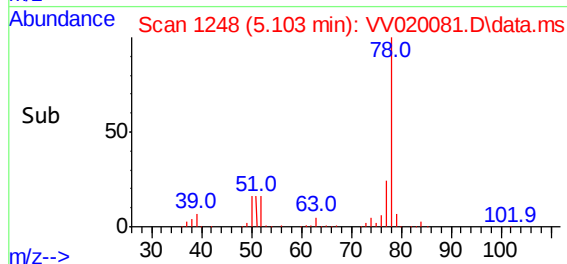
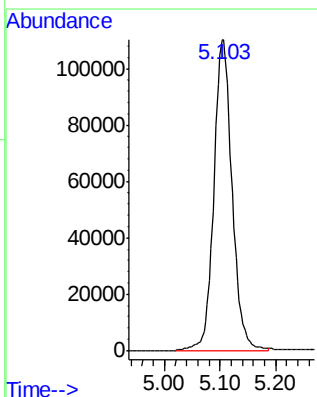
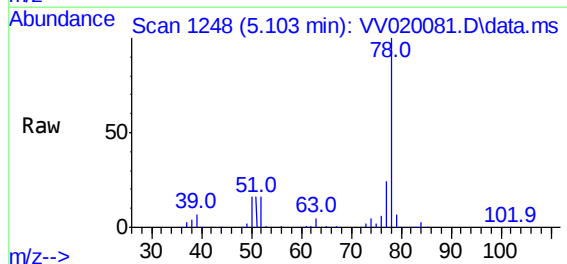
Instrument :
MSVOA_V
ClientSampled :
C0FY6

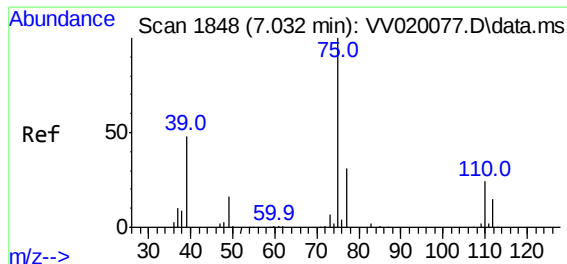
Tgt Ion: 83 Resp: 5502
Ion Ratio Lower Upper
83 100
85 70.2 44.2 82.2



#33
Benzene
Concen: 25.92 ug/L
RT: 5.103 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

Tgt Ion: 78 Resp: 252897

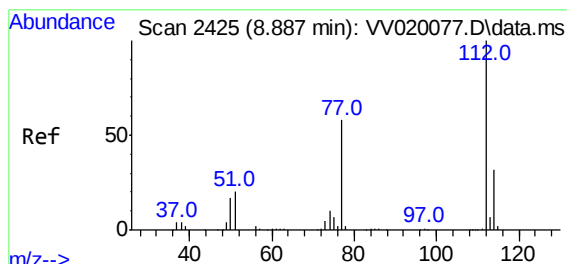
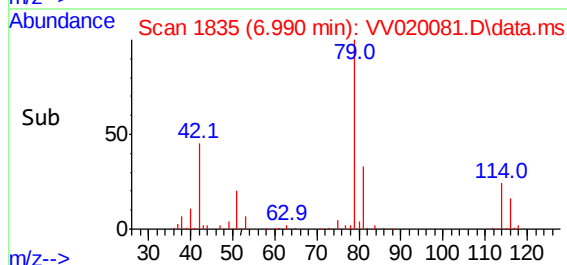
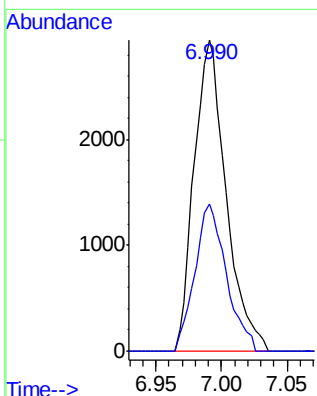
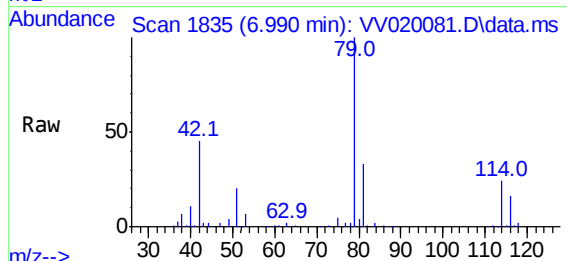




#39
cis-1,3-Dichloropropene
Concen: 1.23 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.042 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

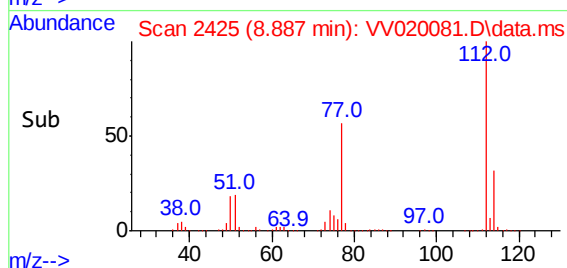
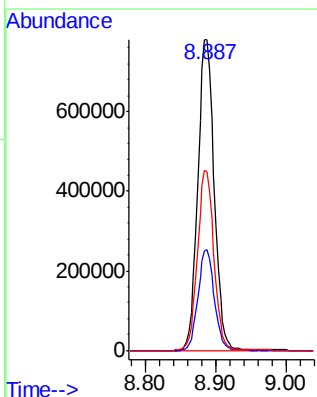
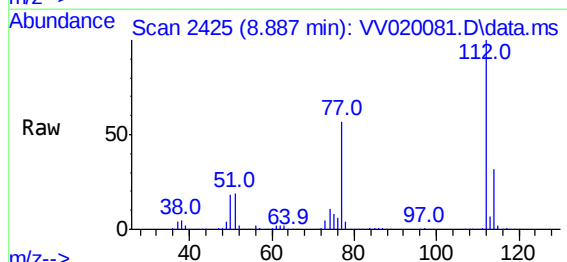
Instrument :
MSVOA_V
ClientSampled :
C0FY6

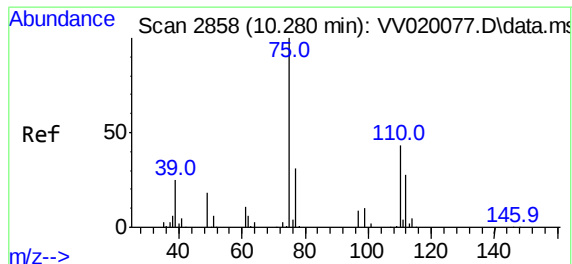
Tgt Ion: 75 Resp: 4952
Ion Ratio Lower Upper
75 100
77 47.1 21.8 40.6#



#51
Chlorobenzene
Concen: 170.46 ug/L
RT: 8.887 min Scan# 2425
Delta R.T. 0.000 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

Tgt Ion: 112 Resp: 1253161
Ion Ratio Lower Upper
112 100
114 32.3 22.2 41.2
77 57.4 49.0 73.6

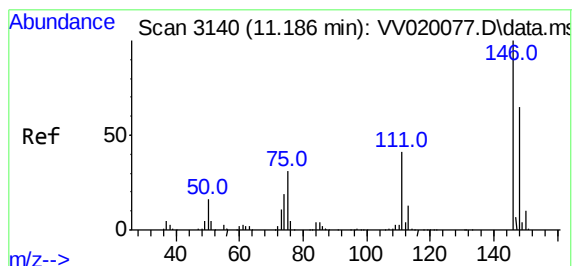
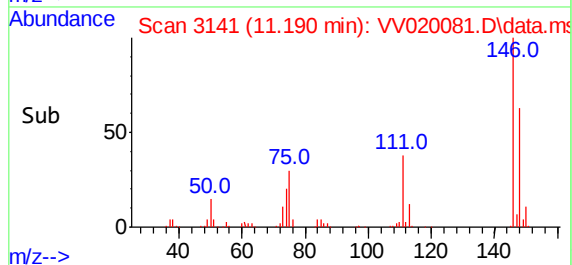
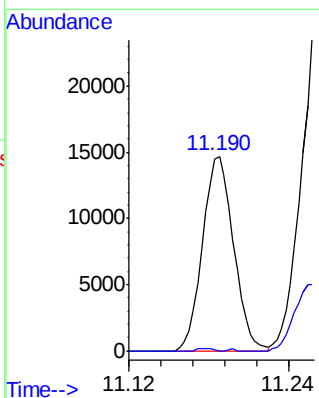
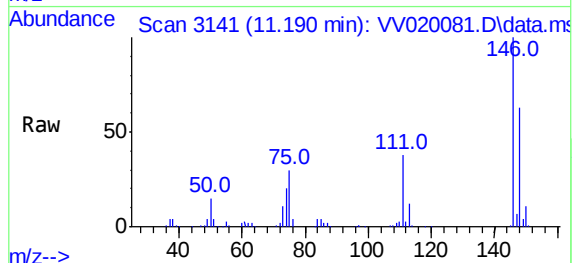




#59
1,2,3-Trichloropropane
Concen: 6.80 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.910 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

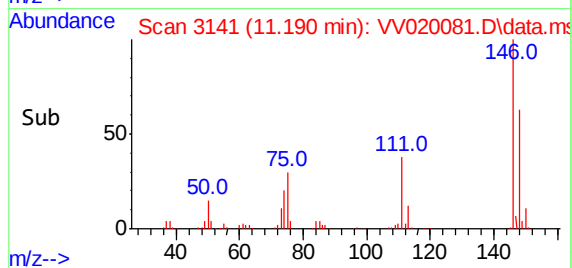
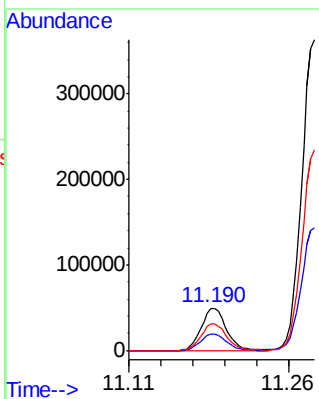
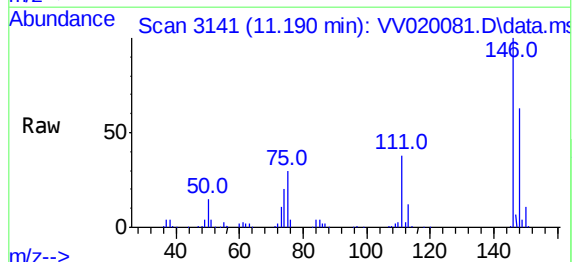
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ClientSampled :
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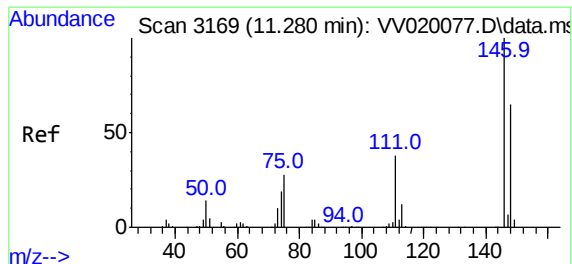
Tgt Ion: 75 Resp: 22898
Ion Ratio Lower Upper
75 100
77 0.2 25.4 38.0#



#62
1,3-Dichlorobenzene
Concen: 13.19 ug/L
RT: 11.190 min Scan# 3141
Delta R.T. 0.003 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

Tgt Ion:146 Resp: 76856
Ion Ratio Lower Upper
146 100
111 38.0 30.2 56.2
148 63.0 45.0 83.6

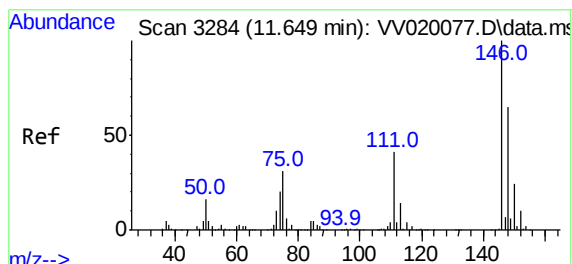
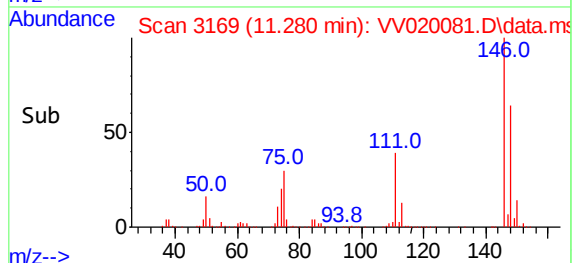
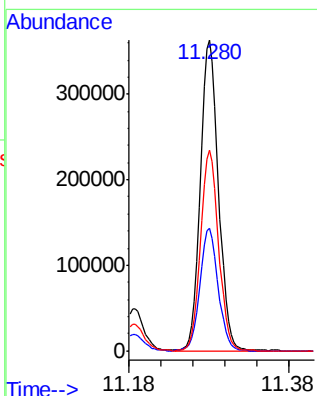
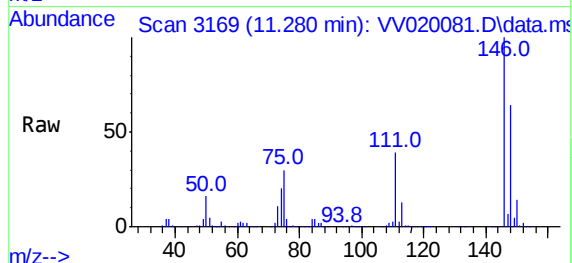




#63
1,4-Dichlorobenzene
Concen: 92.98 ug/L
RT: 11.280 min Scan# 3169
Delta R.T. 0.000 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

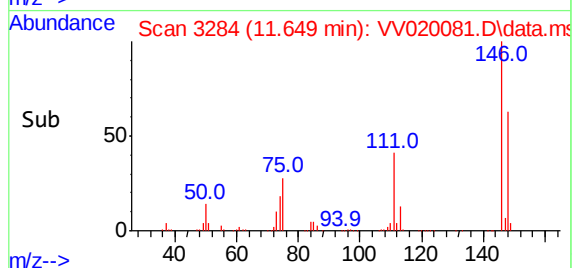
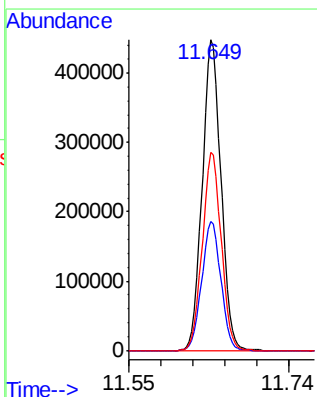
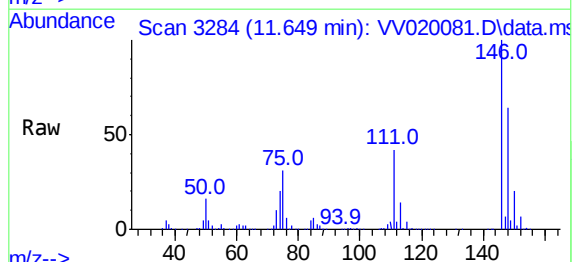
Instrument :
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ClientSampled :
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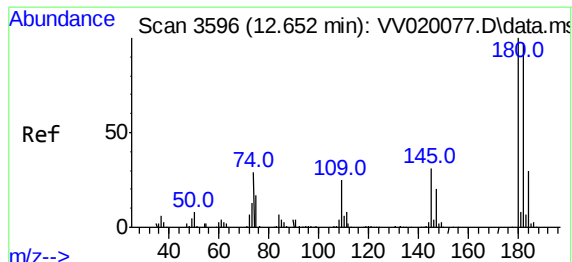
Tgt Ion:146 Resp: 557438
Ion Ratio Lower Upper
146 100
111 39.4 29.4 54.6
148 64.4 44.7 83.1



#65
1,2-Dichlorobenzene
Concen: 116.77 ug/L
RT: 11.649 min Scan# 3284
Delta R.T. 0.000 min
Lab File: VV020081.D
Acq: 20 Jan 2021 17:23

Tgt Ion:146 Resp: 682320
Ion Ratio Lower Upper
146 100
111 41.5 36.3 54.5
148 63.6 51.7 77.5

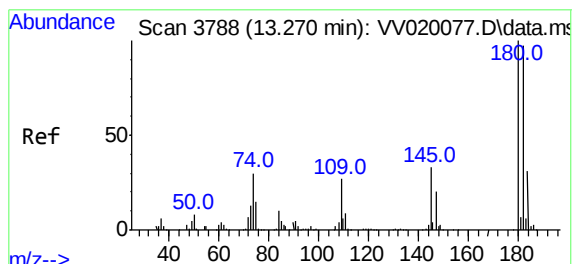
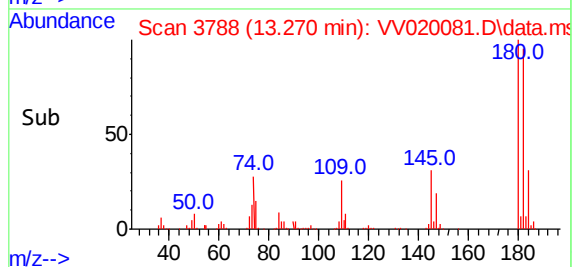
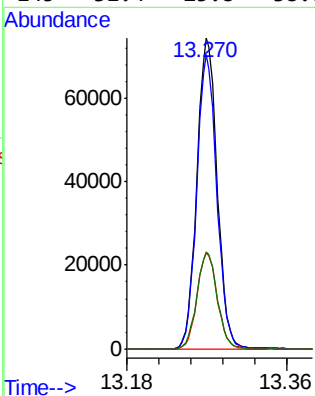
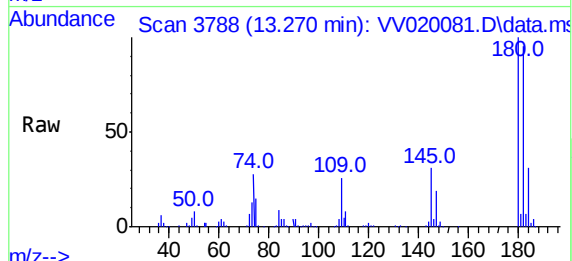




#67
 1,3,5-Trichlorobenzene
 Concen: 24.48 ug/L
 RT: 13.270 min Scan# 3788
 Delta R.T. 0.617 min
 Lab File: VV020081.D
 Acq: 20 Jan 2021 17:23

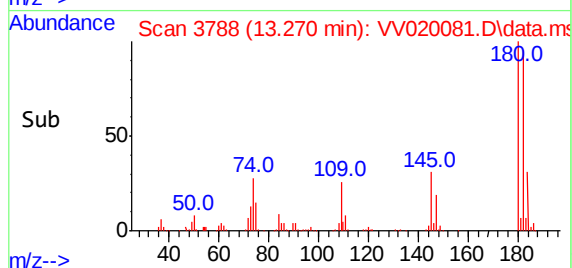
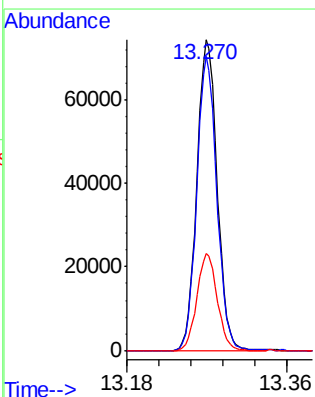
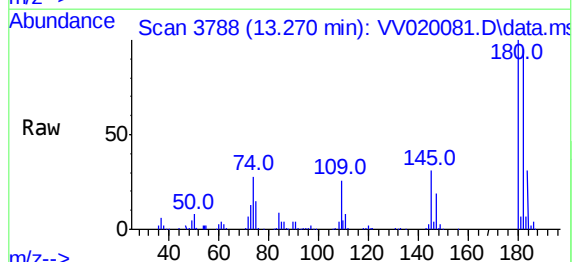
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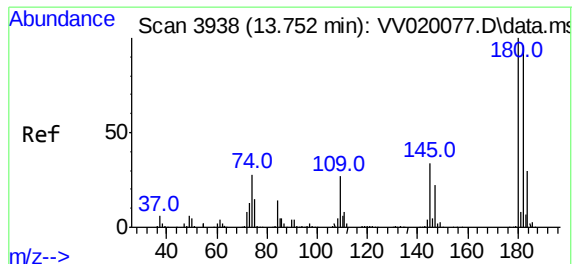
Tgt Ion:180 Resp: 112274
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.0 112.6
 184 30.8 24.0 36.0
 145 31.4 25.8 38.6



#68
 1,2,4-trichlorobenzene
 Concen: 27.13 ug/L
 RT: 13.270 min Scan# 3788
 Delta R.T. 0.000 min
 Lab File: VV020081.D
 Acq: 20 Jan 2021 17:23

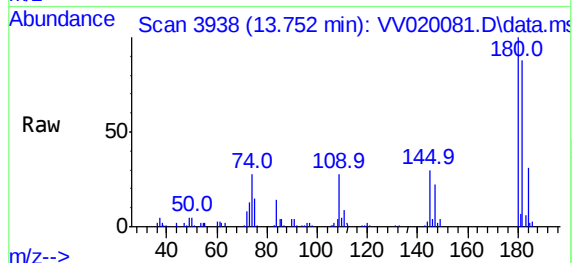
Tgt Ion:180 Resp: 112274
 Ion Ratio Lower Upper
 180 100
 182 93.3 75.1 112.7
 145 31.4 26.8 40.2





#70
 1,2,3-Trichlorobenzene
 Concen: 7.27 ug/L
 RT: 13.752 min Scan# 3938
 Delta R.T. 0.000 min
 Lab File: VV020081.D
 Acq: 20 Jan 2021 17:23

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FY6



Tgt Ion:180 Resp: 28659

Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.1	114.1
145	32.7	27.9	41.9

