

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020831.D
 Acq On : 01 Apr 2021 15:27
 Operator : SY/MD
 Sample : M1879-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 07:18:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

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

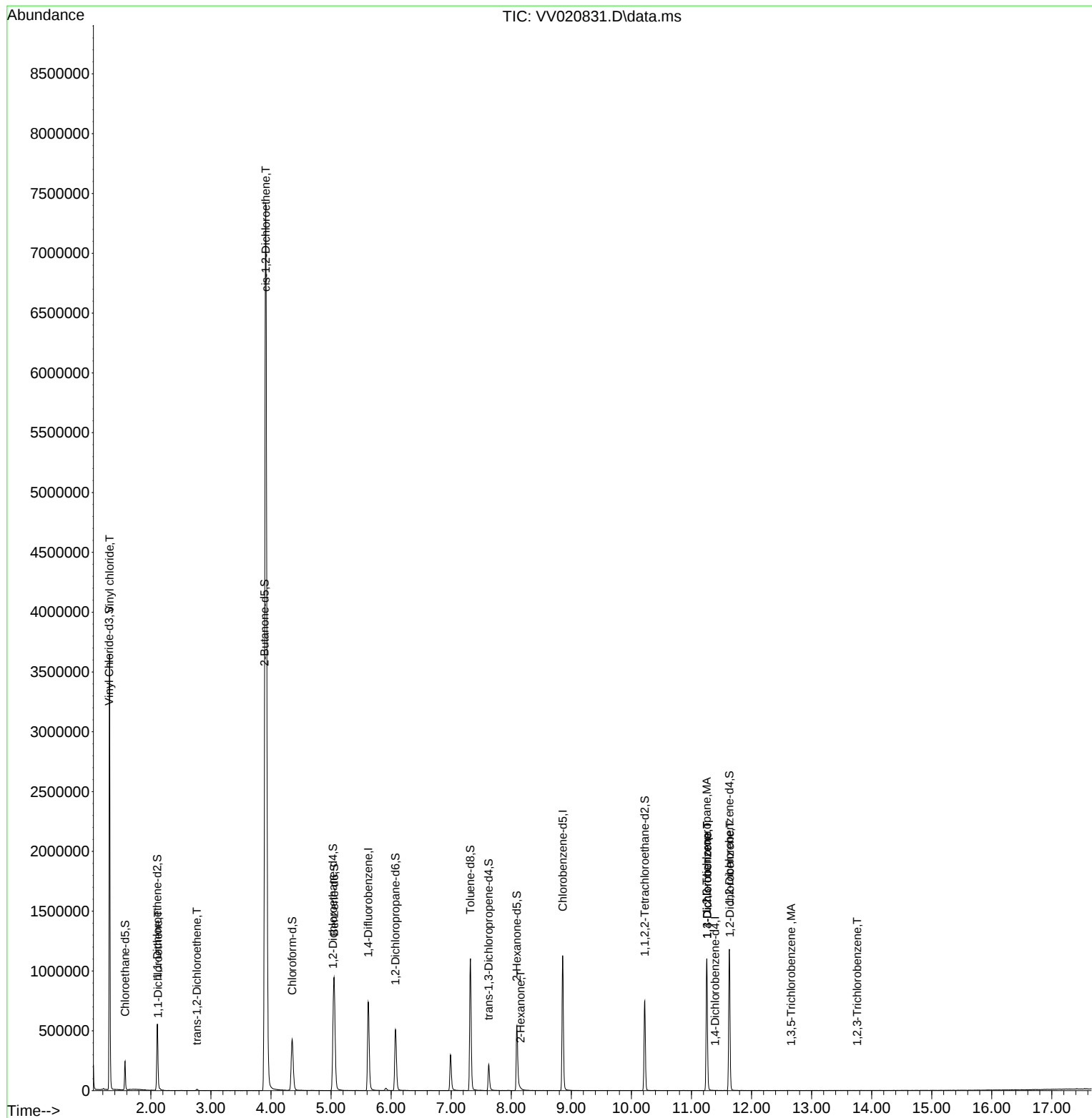
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	645452	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	615448	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.394	152	145	50.00	ug/L	0.14
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	179570	39.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.38%		
7) Chloroethane-d5	1.571	69	143932	41.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.10%		
11) 1,1-Dichloroethene-d2	2.108	63	280558	32.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.90%		
21) 2-Butanone-d5	3.892	46	276813	92.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.85%		
24) Chloroform-d	4.352	84	440024	48.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.62%		
26) 1,2-Dichloroethane-d4	5.034	65	303192	50.53	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.06%		
32) Benzene-d6	5.053	84	792015	48.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.56%		
36) 1,2-Dichloropropane-d6	6.072	67	237631	47.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.36%		
41) Toluene-d8	7.320	98	717819	47.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.02%		
43) trans-1,3-Dichloroprop...	7.625	79	122998	45.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.80%		
47) 2-Hexanone-d5	8.092	63	191198	90.55	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.55%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	332826	45.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.74%		
64) 1,2-Dichlorobenzene-d4	11.632	152	303623	107891.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	215783.24%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	2031832	412.03	ug/L	98
12) 1,1-Dichloroethene	2.121	96	10858	2.88	ug/L #	1
17) trans-1,2-Dichloroethene	2.767	96	4246	0.98	ug/L	91
20) cis-1,2-Dichloroethene	3.912	96	4066290	879.88	ug/L	97
48) 2-Hexanone	8.156	43	7518	1.65	ug/L #	37
59) 1,2,3-Trichloropropane	11.255	75	29262	5.03	ug/L	89
62) 1,3-Dichlorobenzene	11.262	146	118	26.67	ug/L #	1
63) 1,4-Dichlorobenzene	11.262	146	118	25.64	ug/L #	1
65) 1,2-Dichlorobenzene	11.638	146	235	53.89	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.661	180	80	23.32	ug/L #	18
70) 1,2,3-Trichlorobenzene	13.760	180	97	33.31	ug/L #	49

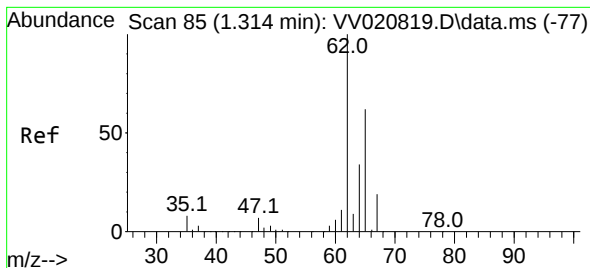
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 02 07:14:26 2021
Response via : Initial Calibration

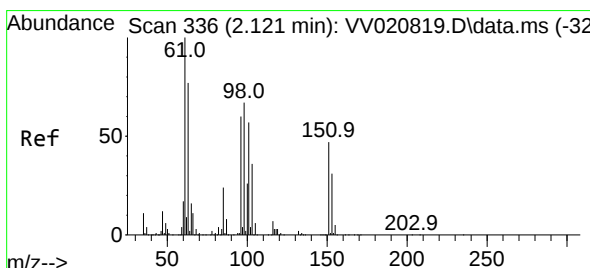
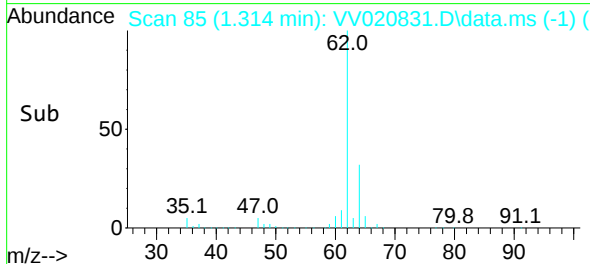
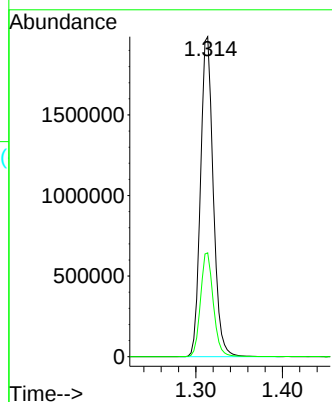
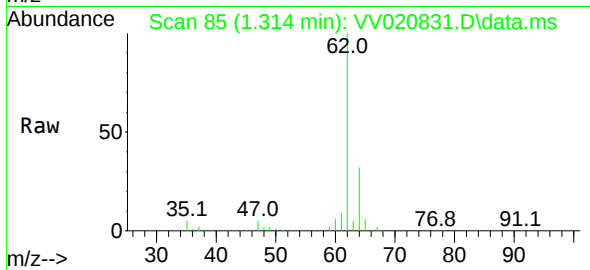




#5
 Vinyl chloride
 Concen: 412.03 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020831.D
 Acq: 01 Apr 2021 15:27

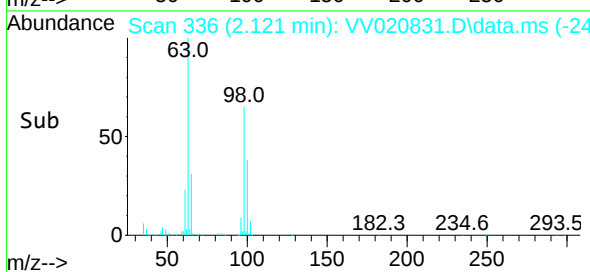
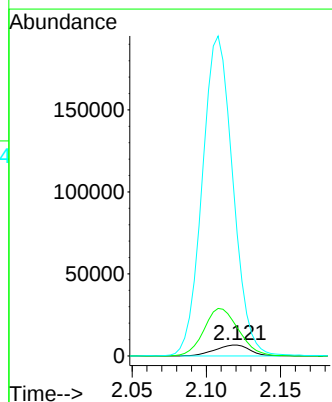
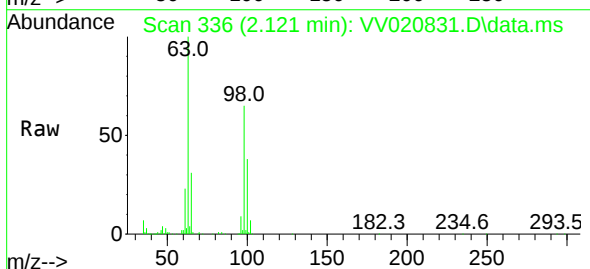
Instrument :
 MSVOA_V
 ClientSampled :

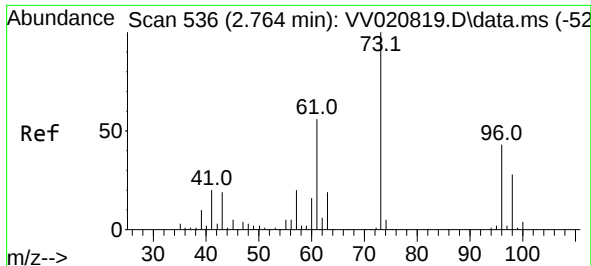
Tgt Ion: 62 Resp: 2031832
 Ion Ratio Lower Upper
 62 100
 64 32.4 23.3 43.3



#12
 1,1-Dichloroethene
 Concen: 2.88 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020831.D
 Acq: 01 Apr 2021 15:27

Tgt Ion: 96 Resp: 10858
 Ion Ratio Lower Upper
 96 100
 61 259.2 126.3 234.6#
 63 1120.0 100.2 186.2#

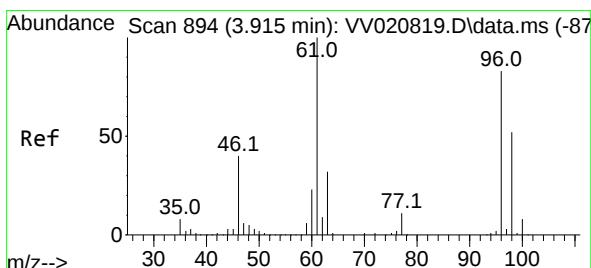
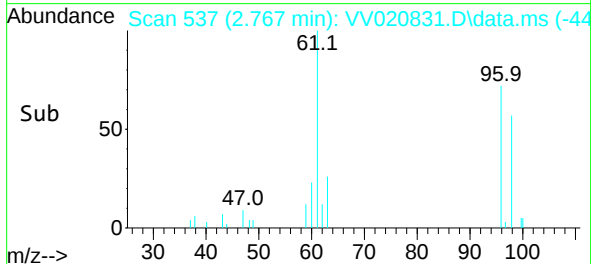
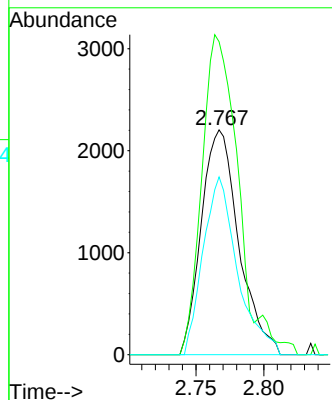
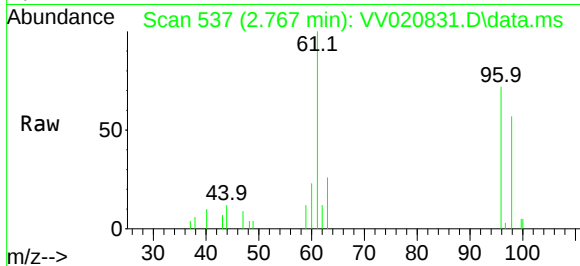




#17
trans-1,2-Dichloroethene
Concen: 0.98 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

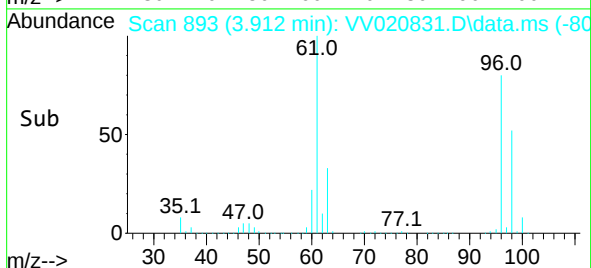
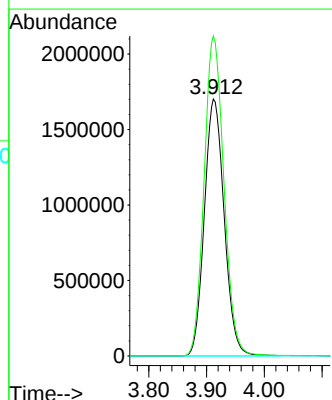
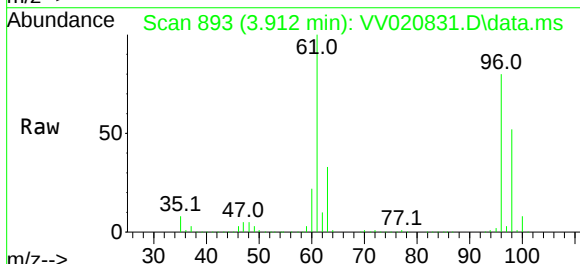
Instrument :
MSVOA_V
ClientSampled :

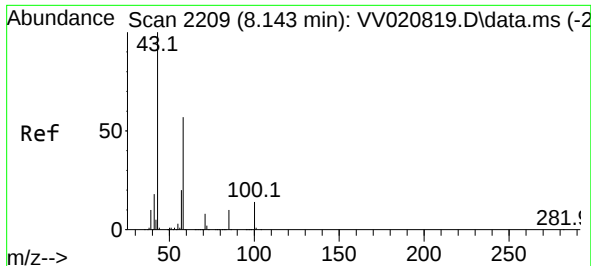
Tgt Ion: 96 Resp: 4246
Ion Ratio Lower Upper
96 100
61 132.9 97.9 181.9
98 75.5 43.9 81.5



#20
cis-1,2-Dichloroethene
Concen: 879.88 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

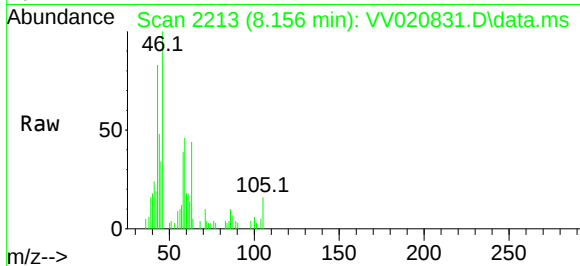
Tgt Ion: 96 Resp: 4066290
Ion Ratio Lower Upper
96 100
61 124.5 89.9 167.0
68 0.0 0.0 0.0



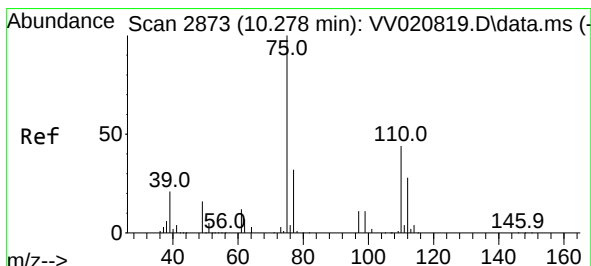
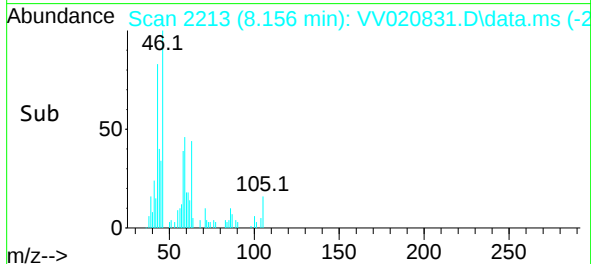
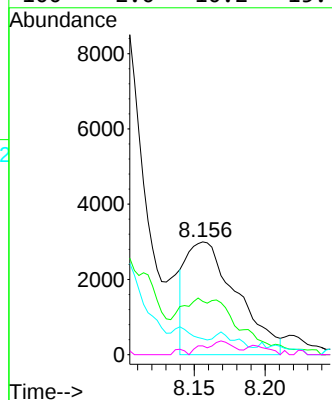


#48
2-Hexanone
Concen: 1.65 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.013 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

Instrument :
MSVOA_V
ClientSampled :

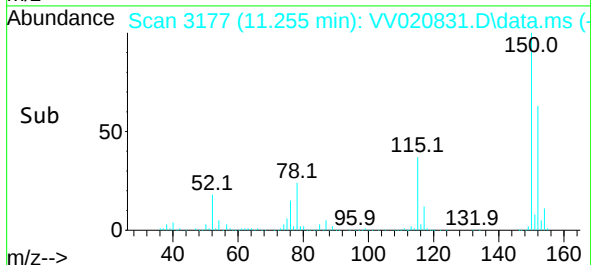
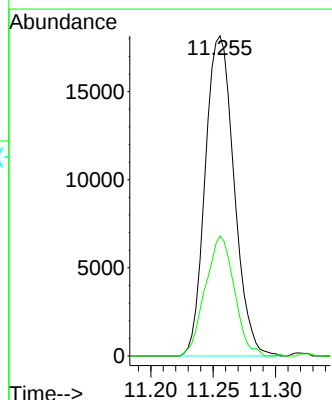
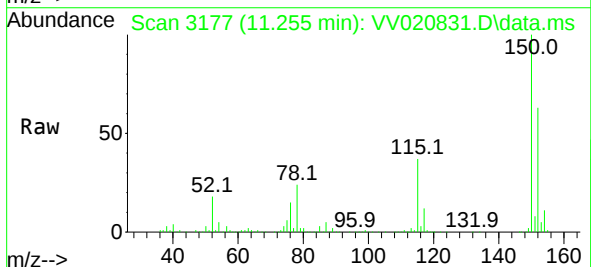


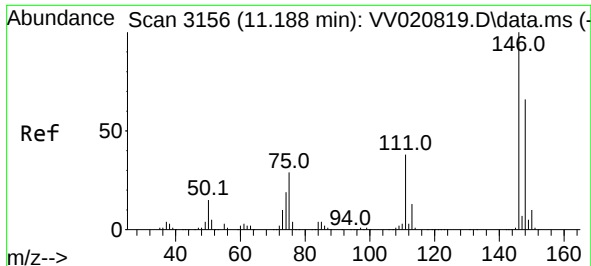
Tgt Ion: 43	Resp: 7518
Ion Ratio	Lower Upper
43 100	
58 0.0	45.8 68.8#
57 0.0	15.4 23.2#
100 2.0	10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 5.03 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

Tgt Ion: 75	Resp: 29262
Ion Ratio	Lower Upper
75 100	
77 37.7	25.3 37.9

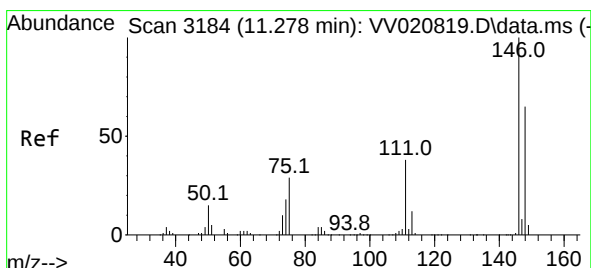
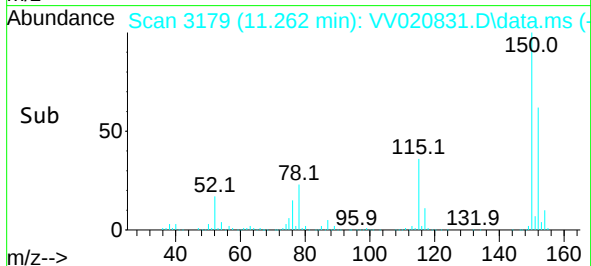
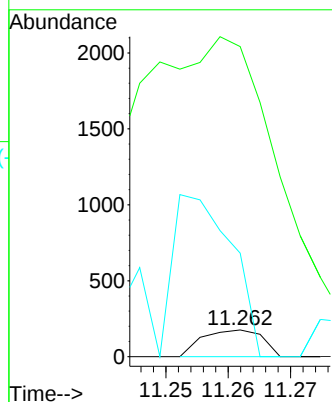
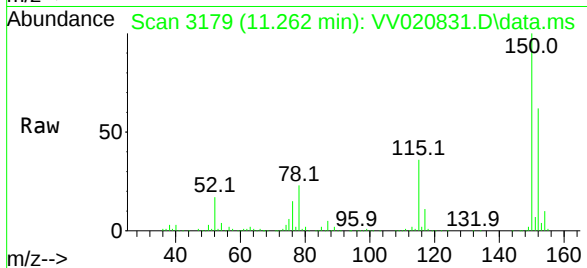




#62
1,3-Dichlorobenzene
Concen: 26.67 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.074 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

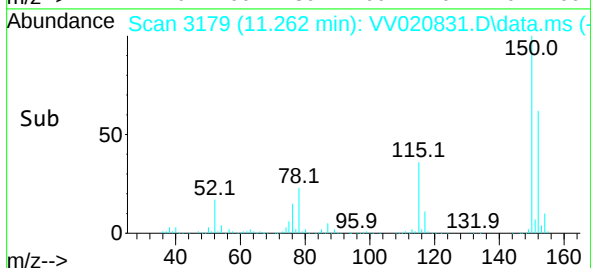
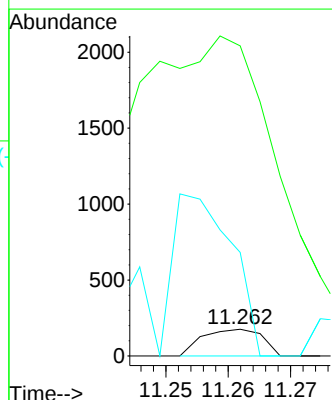
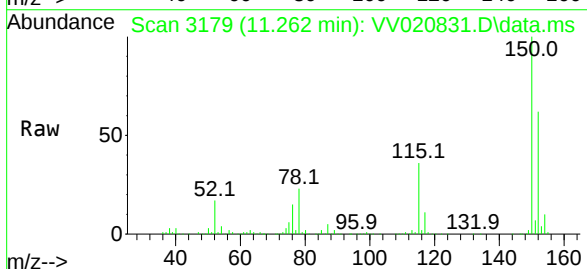
Instrument :
MSVOA_V
ClientSampleId :

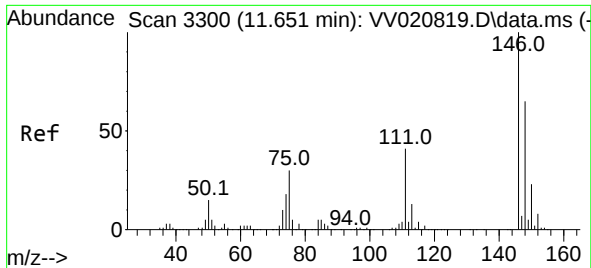
Tgt Ion:146 Resp: 118
Ion Ratio Lower Upper
146 100
111 1160.2 27.4 51.0#
148 387.5 44.9 83.5#



#63
1,4-Dichlorobenzene
Concen: 25.64 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.016 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

Tgt Ion:146 Resp: 118
Ion Ratio Lower Upper
146 100
111 1160.2 26.0 48.4#
148 387.5 44.1 81.9#

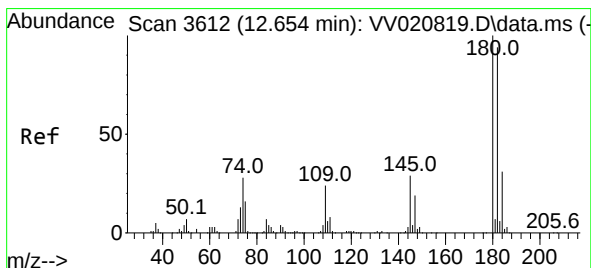
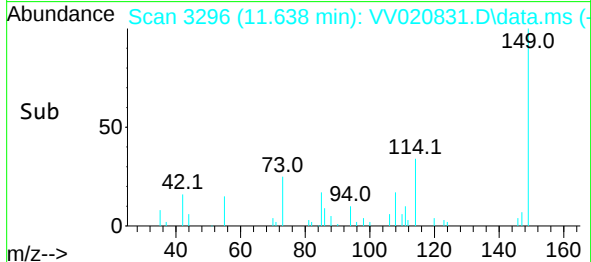
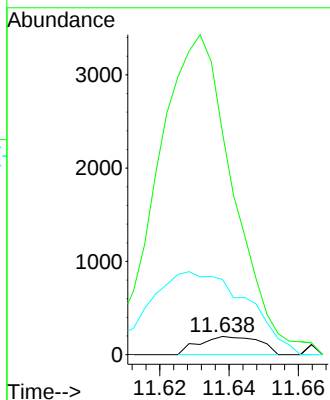
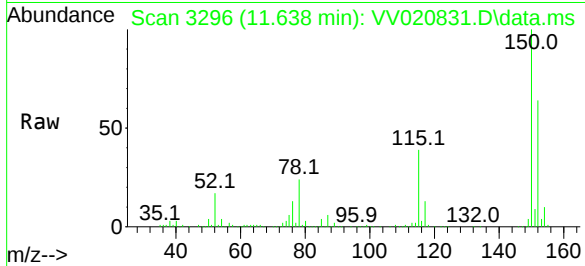




#65
1,2-Dichlorobenzene
Concen: 53.89 ug/L
RT: 11.638 min Scan# 3296
Delta R.T. -0.013 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

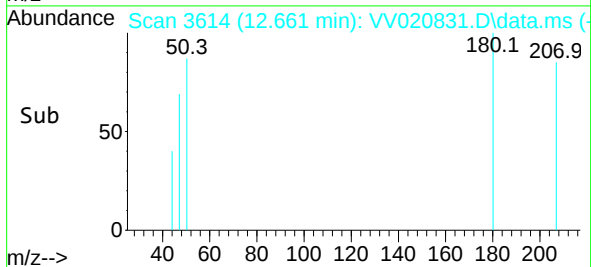
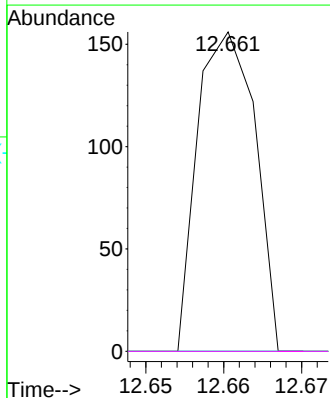
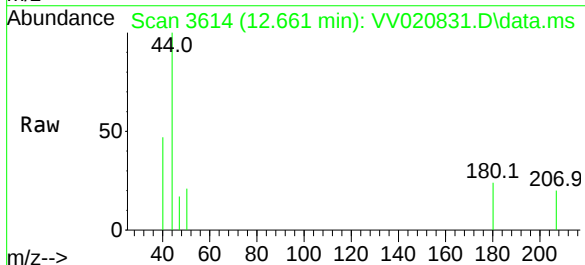
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ClientSampled :

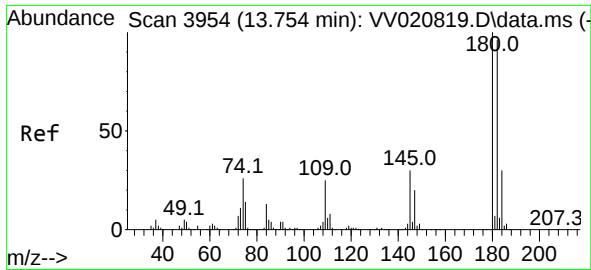
Tgt Ion:146 Resp: 235
Ion Ratio Lower Upper
146 100
111 1219.0 34.1 51.1#
148 413.8 51.4 77.0#



#67
1,3,5-Trichlorobenzene
Concen: 23.32 ug/L
RT: 12.661 min Scan# 3614
Delta R.T. 0.007 min
Lab File: VV020831.D
Acq: 01 Apr 2021 15:27

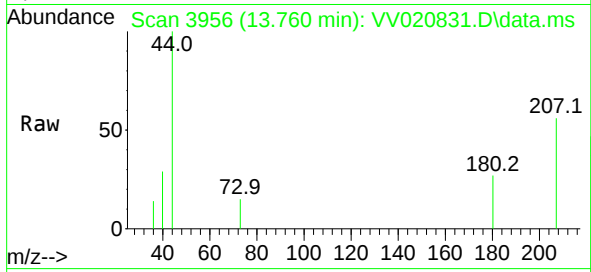
Tgt Ion:180 Resp: 80
Ion Ratio Lower Upper
180 100
182 0.0 76.3 114.5#
184 0.0 24.5 36.7#
145 0.0 24.2 36.4#





#70
 1,2,3-Trichlorobenzene
 Concen: 33.31 ug/L
 RT: 13.760 min Scan# 3956
 Delta R.T. 0.007 min
 Lab File: VV020831.D
 Acq: 01 Apr 2021 15:27

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 97
 Ion Ratio Lower Upper
 180 100
 182 47.4 75.2 112.8#
 145 0.0 25.5 38.3#

