

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030421\
 Data File : VW020452.D
 Acq On : 03 Mar 2021 16:49
 Operator : SY/MD
 Sample : M1546-03 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4

Quant Time: Mar 04 00:39:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 04 00:36:40 2021
 Response via : Initial Calibration

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

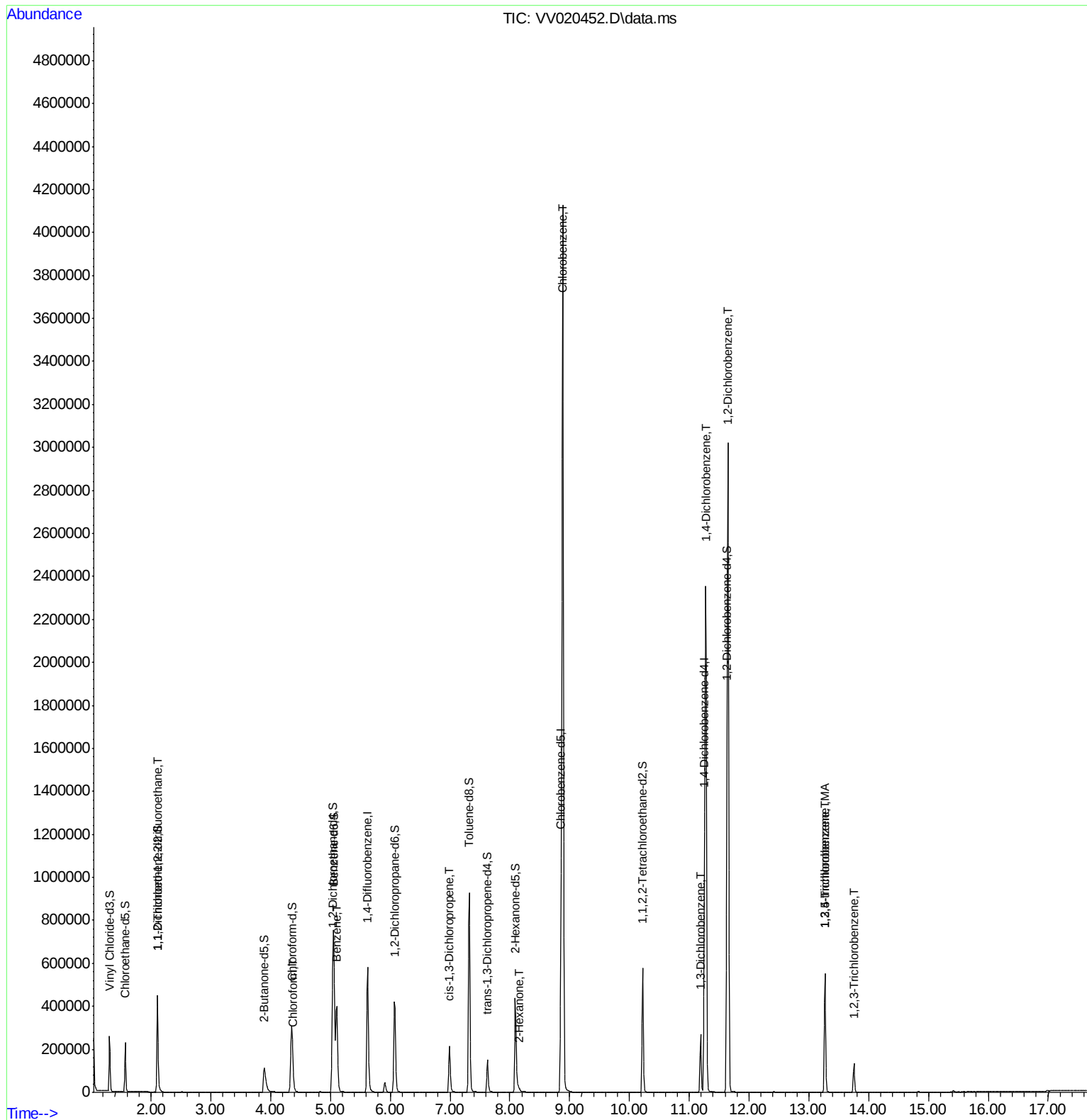
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	524343	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.857	117	523101	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	277541	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	162851	42.60	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.20%		
7) Chloroethane-d5	1.571	69	144418	46.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.08%		
11) 1,1-Dichloroethene-d2	2.108	63	230027	31.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.66%		
21) 2-Butanone-d5	3.892	46	216735	101.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.48%		
24) Chloroform-d	4.352	84	333303	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.98%		
26) 1,2-Dichloroethane-d4	5.037	65	219818	50.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.94%		
32) Benzene-d6	5.053	84	675247	49.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.64%		
36) 1,2-Dichloropropane-d6	6.072	67	208380	51.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.00%		
41) Toluene-d8	7.320	98	617549	48.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.98%		
43) trans-1,3-Dichloroprop...	7.625	79	91736	44.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.96%		
47) 2-Hexanone-d5	8.092	63	149423	88.77	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.77%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	271357	46.71	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.42%		
64) 1,2-Dichlorobenzene-d4	11.632	152	298333	56.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.62%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	2233	0.66	ug/L	# 23
25) Chloroform	4.381	83	16830	2.62	ug/L	96
33) Benzene	5.105	78	423913	30.31	ug/L	100
39) cis-1,3-Dichloropropene	6.989	75	5243	0.93	ug/L	# 65
48) 2-Hexanone	8.149	43	7604	2.22	ug/L	# 47
51) Chlorobenzene	8.886	112	2227842	215.85	ug/L	94
62) 1,3-Dichlorobenzene	11.188	146	116245	14.16	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	946810	112.47	ug/L	96
65) 1,2-Dichlorobenzene	11.651	146	1170776	142.83	ug/L	96
67) 1,3,5-Trichlorobenzene	13.268	180	176439	27.52	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	176439	31.02	ug/L	97
70) 1,2,3-Trichlorobenzene	13.754	180	43855	7.74	ug/L	97

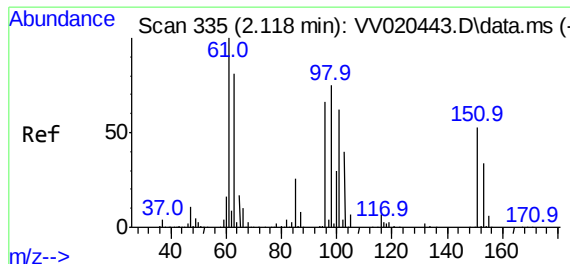
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030421\
Data File : VV020452.D
Acq On : 03 Mar 2021 16:49
Operator : SY/MD
Sample : M1546-03 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

Quant Time: Mar 04 00:39:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 04 00:36:40 2021
Response via : Initial Calibration

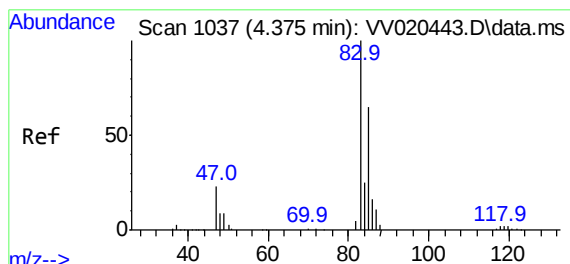
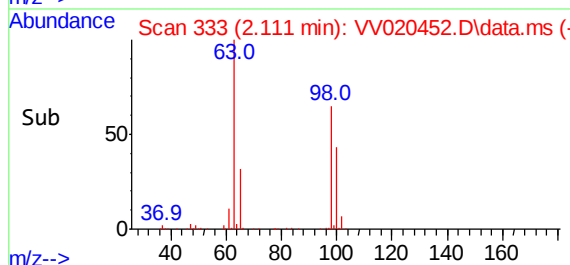
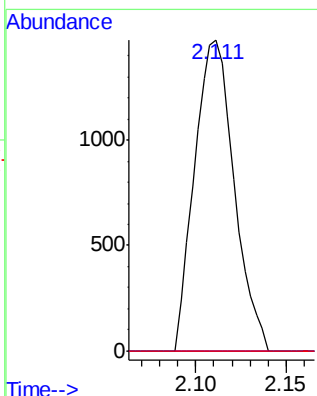
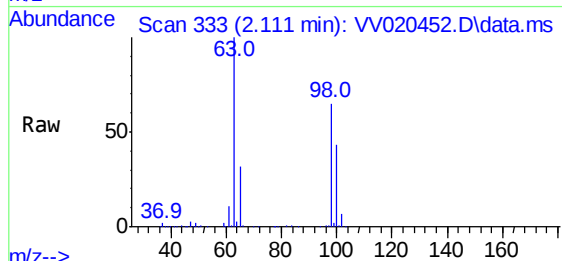




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.66 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.006 min
 Lab File: VV020452.D
 Acq: 03 Mar 2021 16:49

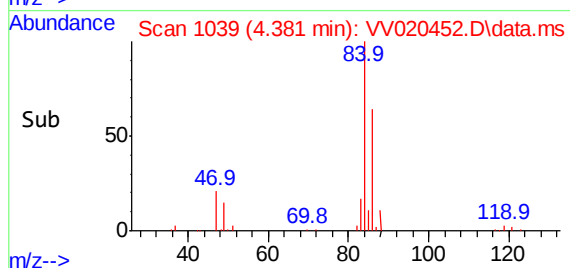
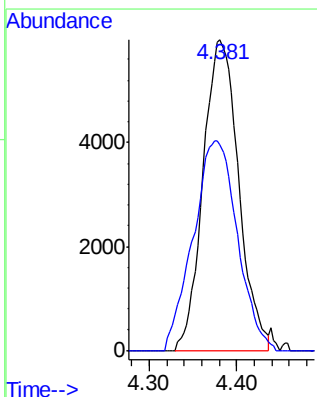
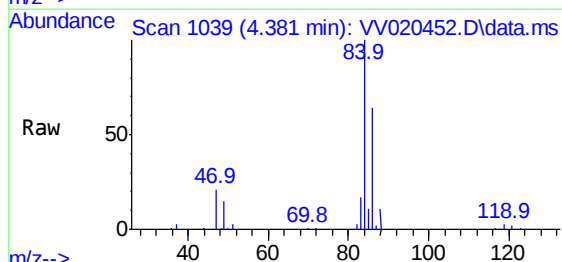
Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4

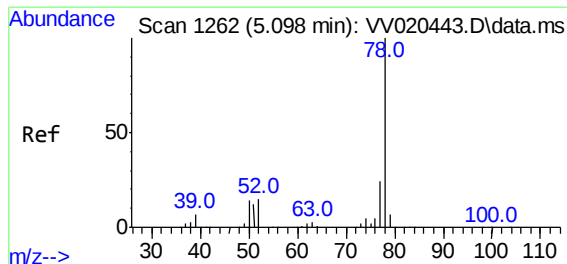
Tgt Ion:101 Resp: 2233
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 53.6 80.4#



#25
 Chloroform
 Concen: 2.62 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.006 min
 Lab File: VV020452.D
 Acq: 03 Mar 2021 16:49

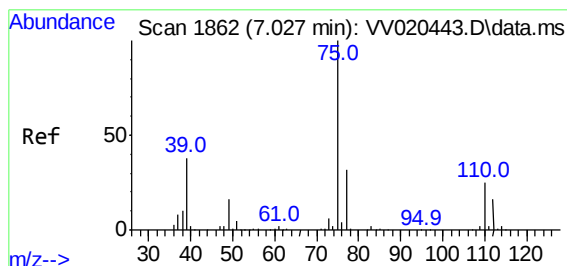
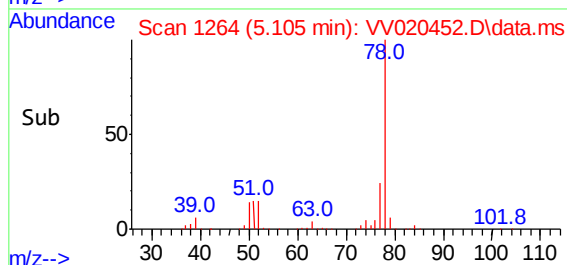
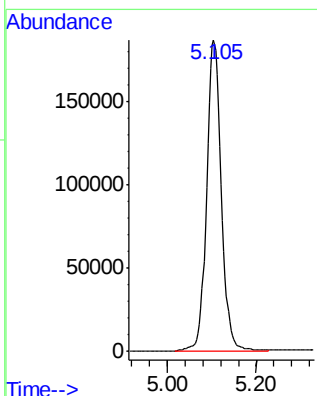
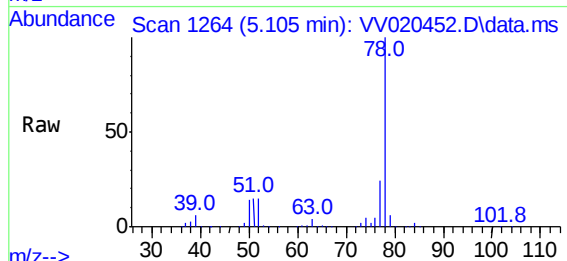
Tgt Ion: 83 Resp: 16830
 Ion Ratio Lower Upper
 83 100
 85 66.0 44.2 82.2



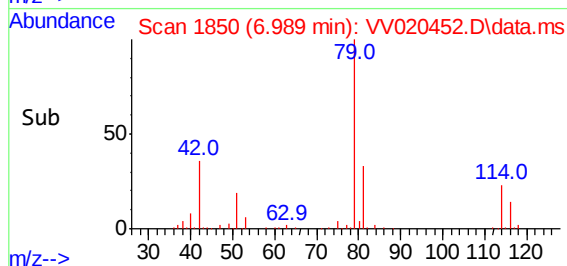
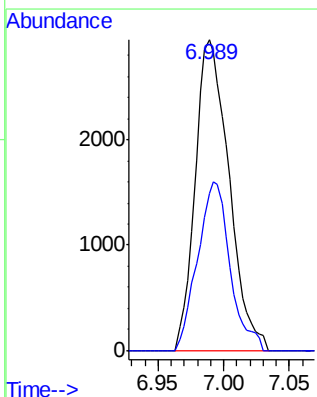
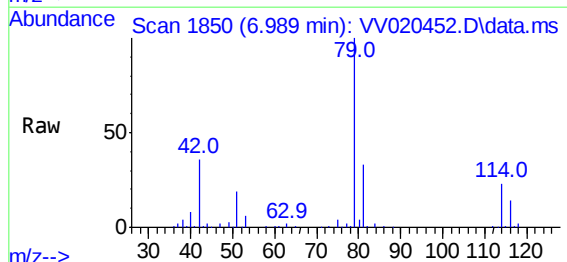


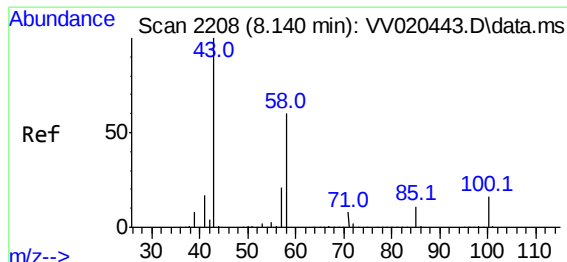
#33
Benzene
Concen: 30.31 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49
Tgt Ion: 78 Resp: 423913

Instrument :
MSVOA_V
ClientSampled :
C0FZ4



#39
cis-1,3-Dichloropropene
Concen: 0.93 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49
Tgt Ion: 75 Resp: 5243
Ion Ratio Lower Upper
75 100
77 50.6 21.8 40.6#

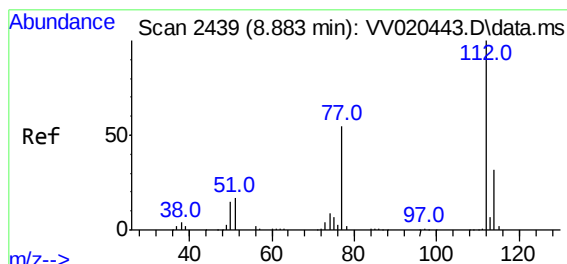
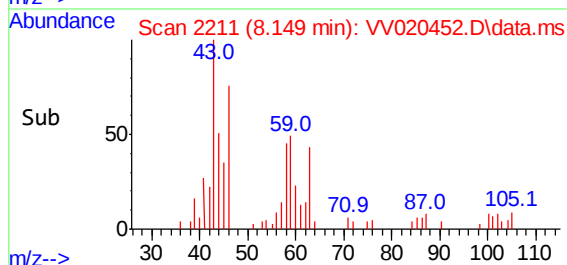
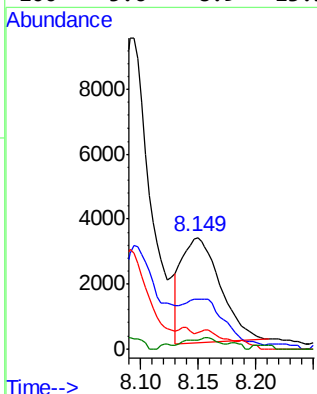
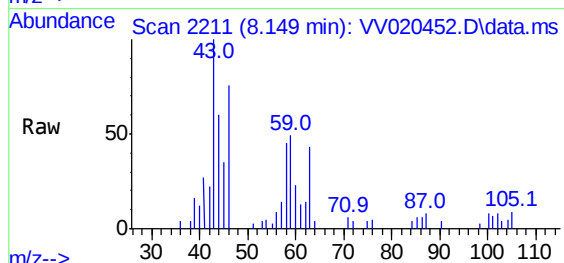




#48
2-Hexanone
Concen: 2.22 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.010 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

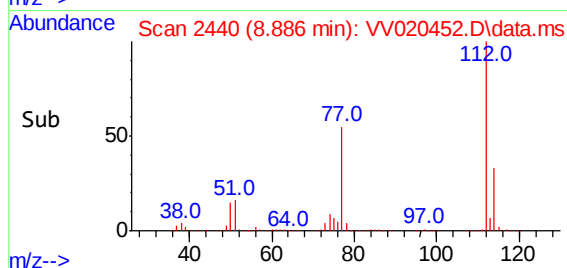
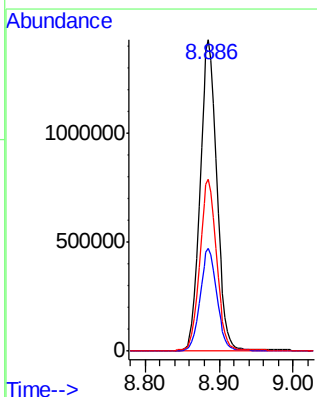
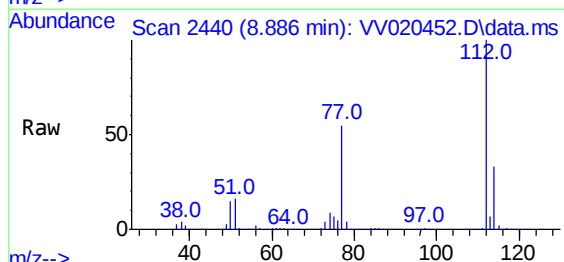
Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

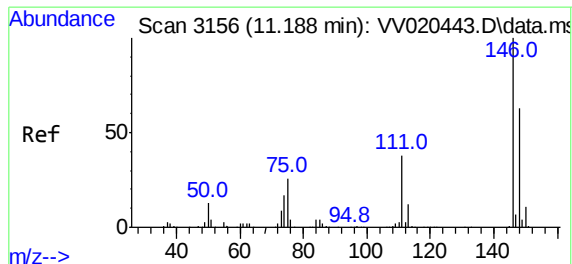
Tgt Ion: 43 Resp: 7604
Ion Ratio Lower Upper
43 100
58 0.0 41.8 62.6#
57 11.8 15.0 22.4#
100 5.6 8.9 13.3#



#51
Chlorobenzene
Concen: 215.85 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Tgt Ion: 112 Resp: 2227842
Ion Ratio Lower Upper
112 100
114 32.8 22.2 41.2
77 55.0 49.0 73.6



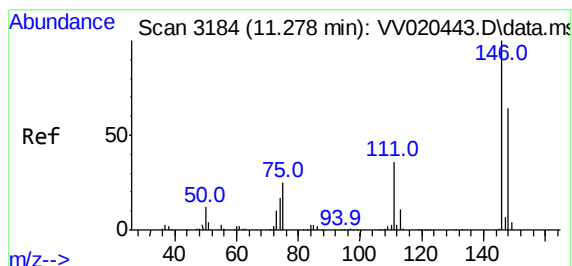
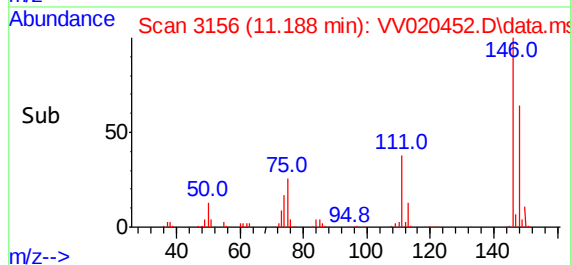
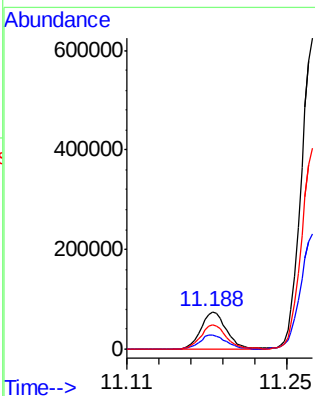
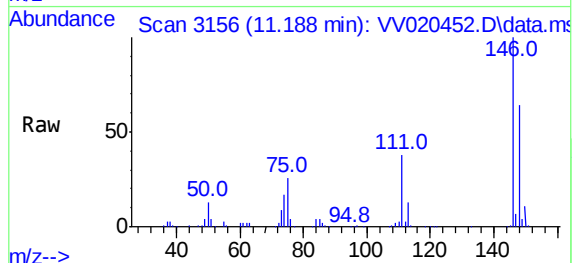


#62
 1,3-Dichlorobenzene
 Concen: 14.16 ug/L
 RT: 11.188 min Scan# 3156
 Delta R.T. -0.000 min
 Lab File: VV020452.D
 Acq: 03 Mar 2021 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
 C0FZ4

Tgt Ion:146 Resp: 116245

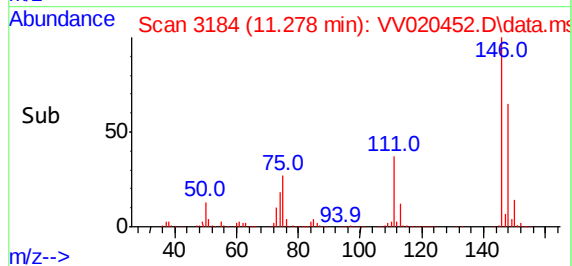
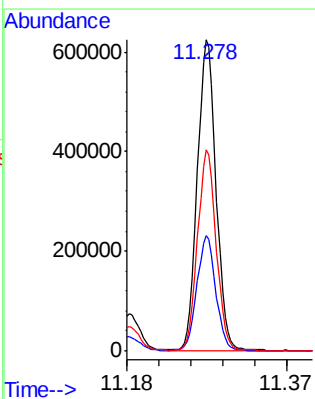
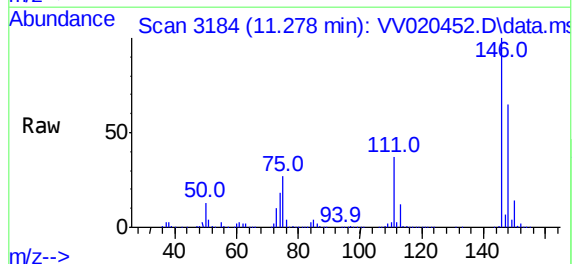
Ion	Ratio	Lower	Upper
146	100		
111	38.1	30.2	56.2
148	63.6	45.0	83.6

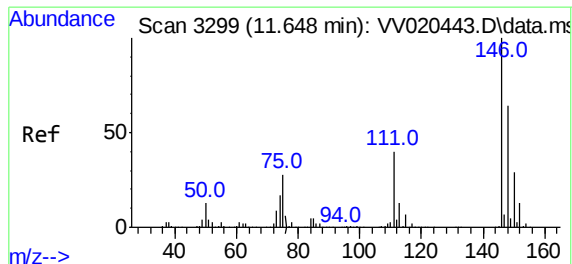


#63
 1,4-Dichlorobenzene
 Concen: 112.47 ug/L
 RT: 11.278 min Scan# 3184
 Delta R.T. -0.000 min
 Lab File: VV020452.D
 Acq: 03 Mar 2021 16:49

Tgt Ion:146 Resp: 946810

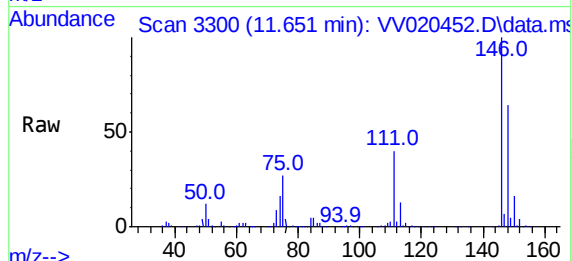
Ion	Ratio	Lower	Upper
146	100		
111	37.1	29.4	54.6
148	64.6	44.7	83.1





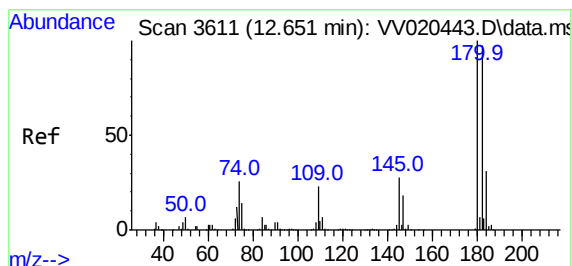
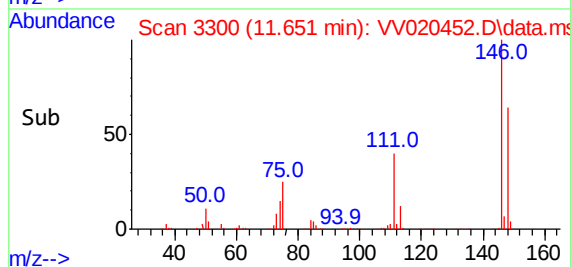
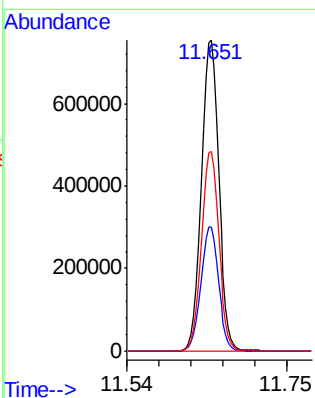
#65
1,2-Dichlorobenzene
Concen: 142.83 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.003 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampleId :
C0FZ4



Tgt Ion:146 Resp: 1170776

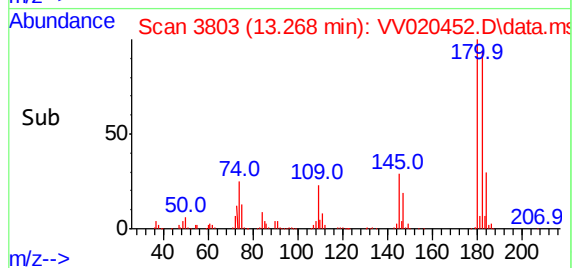
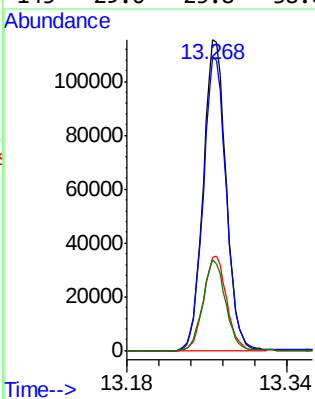
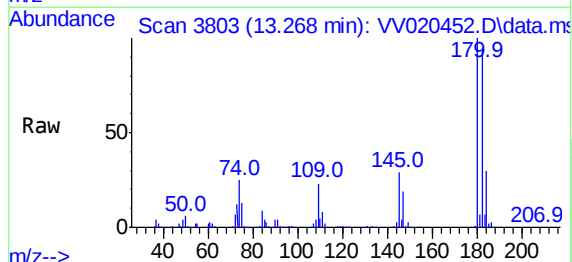
Ion	Ratio	Lower	Upper
146	100		
111	39.7	36.3	54.5
148	64.4	51.7	77.5

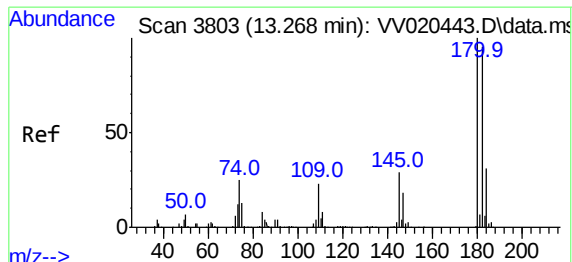


#67
1,3,5-Trichlorobenzene
Concen: 27.52 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.617 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Tgt Ion:180 Resp: 176439

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.0	112.6
184	30.6	24.0	36.0
145	29.0	25.8	38.6

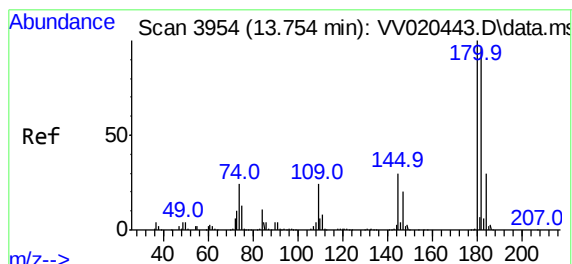
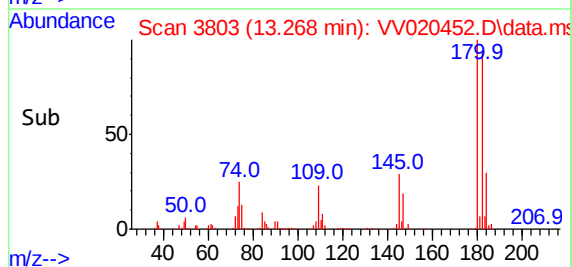
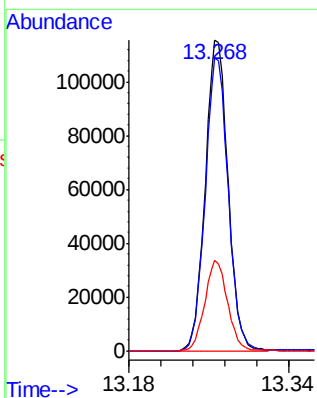
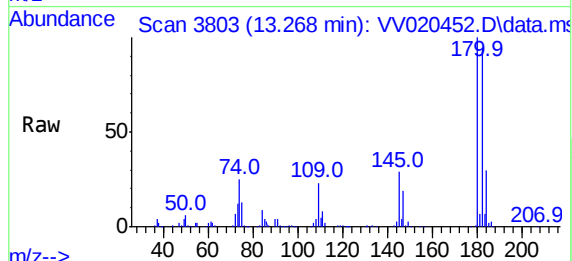




#68
1,2,4-trichlorobenzene
Concen: 31.02 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Instrument :
MSVOA_V
ClientSampleId :
C0FZ4

Tgt Ion:180 Resp: 176439
Ion Ratio Lower Upper
180 100
182 95.2 75.1 112.7
145 29.0 26.8 40.2



#70
1,2,3-Trichlorobenzene
Concen: 7.74 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. -0.000 min
Lab File: VV020452.D
Acq: 03 Mar 2021 16:49

Tgt Ion:180 Resp: 43855
Ion Ratio Lower Upper
180 100
182 97.0 76.1 114.1
145 31.0 27.9 41.9

