Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012112.D
Acq On : 06 Aug 2019 14:20
Operator : SY/MD
Sample : VV0806WBL01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 06 18:23:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 18:20:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	286717	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	260424	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	128334	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72403	46.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.40%			
7) Chloroethane-d5	1.58	69	53293	47.90	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.80%			
11) 1,1-Dichloroethene-d2	2.13	63	106039	39.03	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.06%			
21) 2-Butanone-d5	3.92	46	121150	106.09	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 106.09%			
24) Chloroform-d	4.40	84	193880	49.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.62%			
26) 1,2-Dichloroethane-d4	5.08	65	127609	50.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.02%			
32) Benzene-d6	5.10	84	387204	51.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.32%			
36) 1,2-Dichloropropane-d6	6.12	67	110709	51.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.00%			
41) Toluene-d8	7.36	98	368654	51.02	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.04%			
43) trans-1,3-Dichloropropene-	7.66	79	63301	51.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.58%			
47) 2-Hexanone-d5	8.13	63	97731	108.40	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.40%			
56) 1,1,2,2-Tetrachloroethane-	10.26	84	152992	50.00	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.00%			
66) 1,2-Dichlorobenzene-d4	11.67	152	157209	52.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.18%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1126	1.018	ug/L #	16
12) 1,1-Dichloroethene	2.13	96	941	0.903	ug/L #	1
16) Methylene chloride	2.55	84	514	0.325	ug/L #	57
37) 1,2-Dichloropropane	6.12	63	12794	8.750	ug/L #	84
44) trans-1,3-Dichloropropene	7.66	75	2898	1.191	ug/L #	77
57) 1,1,2,2-Tetrachloroethane	10.26	83	1056	0.436	ug/L #	1
60) Isopropylbenzene	9.97	105	373	0.053	ug/L #	82
61) 1,2,3-Trichloropropane	11.23	75	236	0.135	ug/L #	50
62) 1,3,5-Trimethylbenzene	10.58	105	699	0.115	ug/L	92
63) 1,2,4-Trimethylbenzene	10.96	105	951	0.159	ug/L	96
64) 1,3-Dichlorobenzene	11.23	146	1305	0.368	ug/L	96
65) 1,4-Dichlorobenzene	11.32	146	1580	0.441	ug/L	96
71) Naphthalene	13.56	128	2902	0.460	ug/L #	87

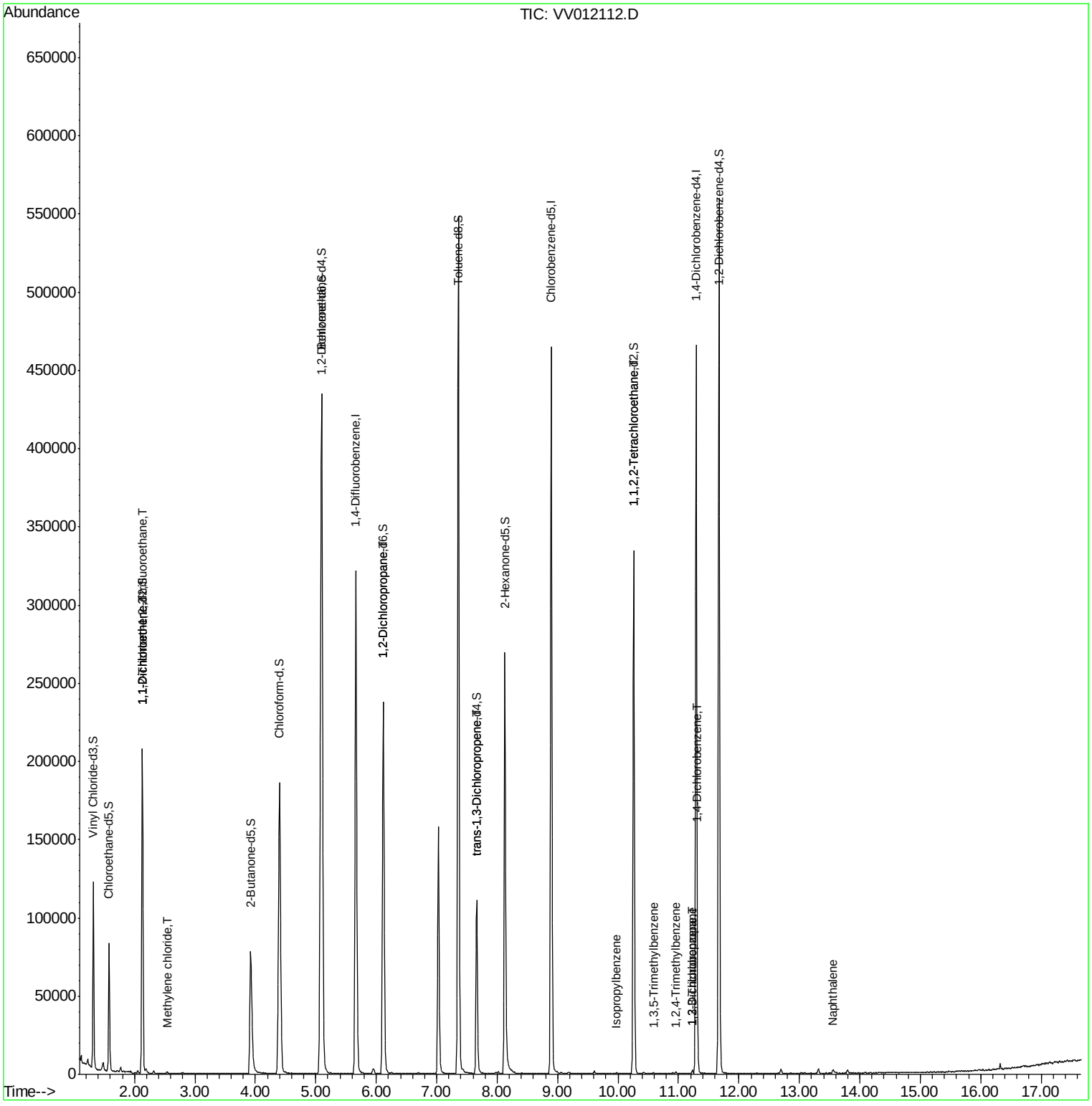
(#) = qualifier out of range (m) = manual integration (+) = signals summed

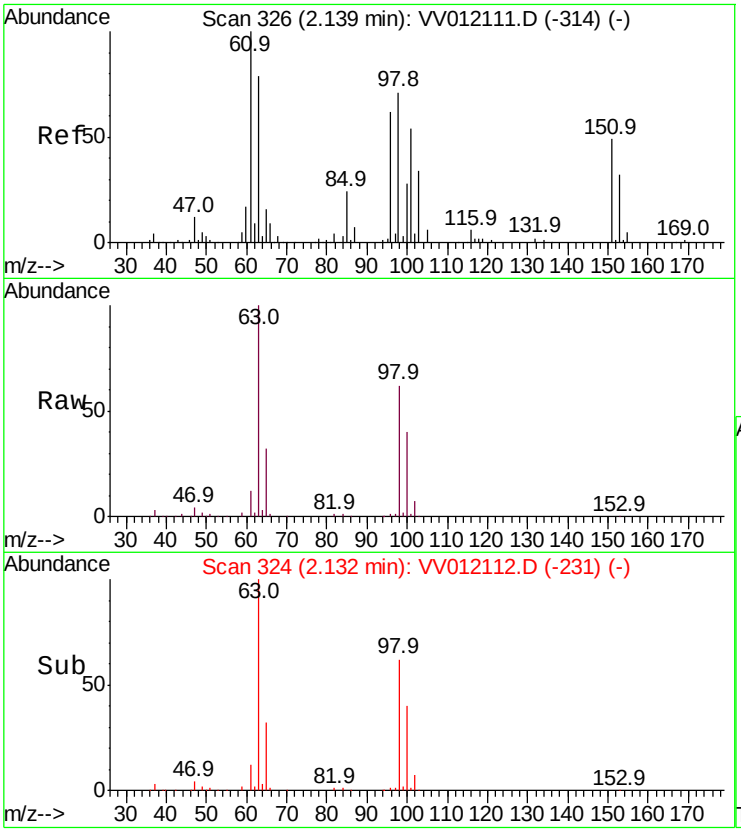
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080619\
Data File : VV012112.D
Acq On : 06 Aug 2019 14:20
Operator : SY/MD
Sample : VV0806WBL01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId :

Quant Time: Aug 06 18:23:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 06 18:20:54 2019
Response via : Initial Calibration



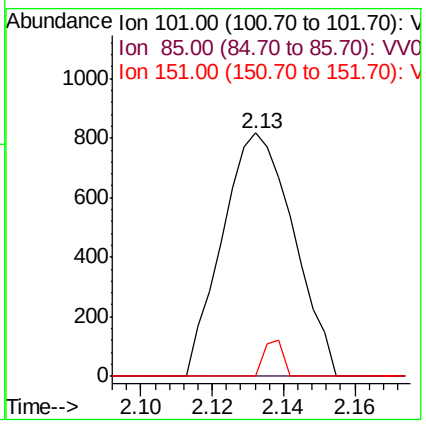


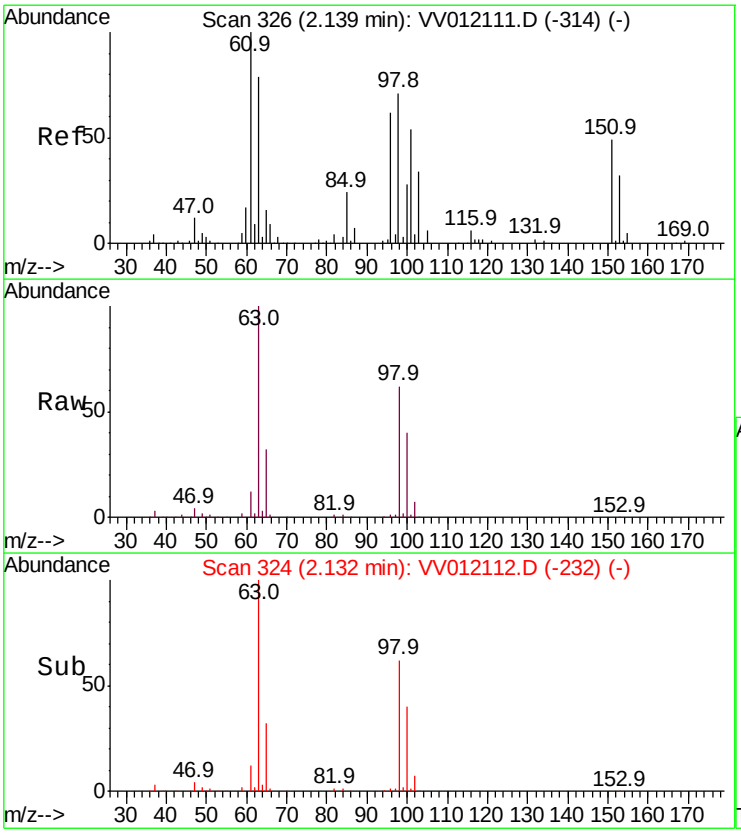
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.018 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:101 Resp: 1126

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.4	51.6#
151	3.9	72.2	108.2#

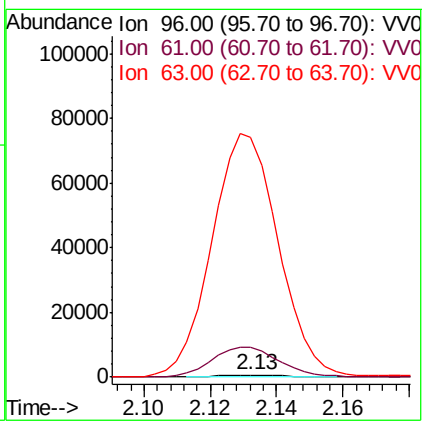


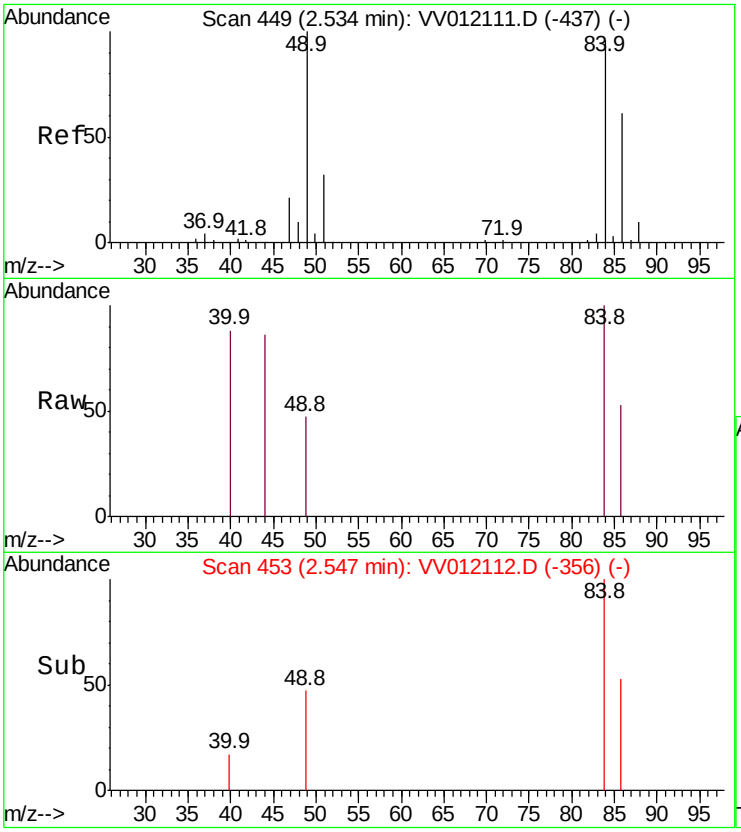


#12
1,1-Dichloroethene
Concen: 0.903 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Tgt Ion: 96 Resp: 941

Ion	Ratio	Lower	Upper
96	100		
61	1450.9	120.0	223.0#
63	11694.6	98.3	182.7#



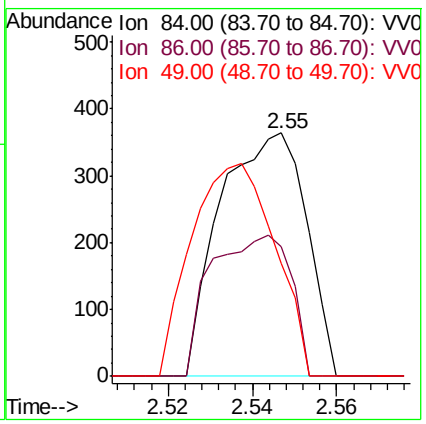


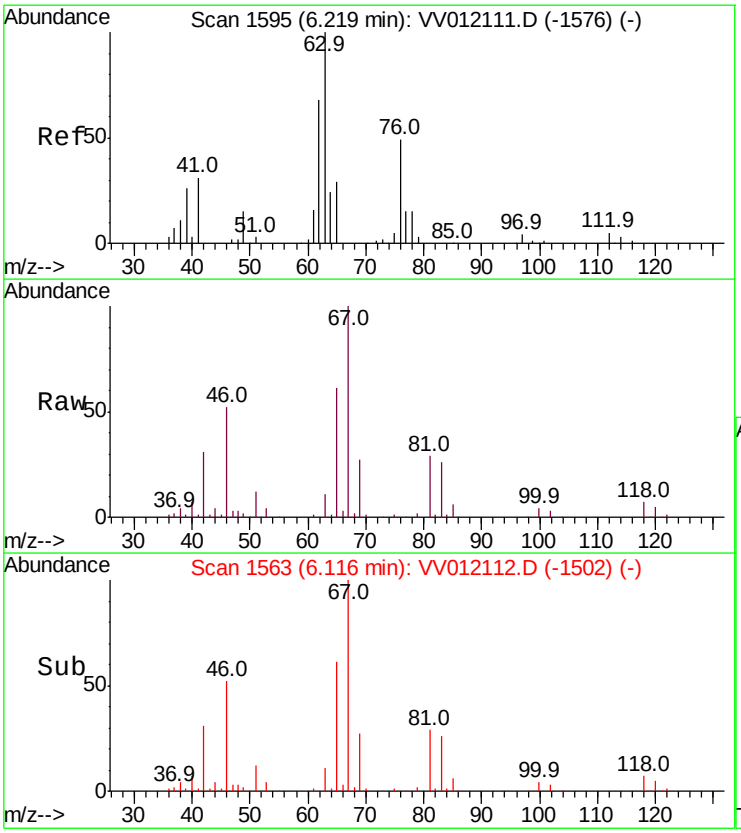
#16
Methylene chloride
Concen: 0.325 ug/L
RT: 2.55 min Scan# 453
Delta R.T. 0.01 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion: 84 Resp: 514

Ion	Ratio	Lower	Upper
84	100		
86	53.3	45.7	84.9
49	46.7	76.6	142.2#

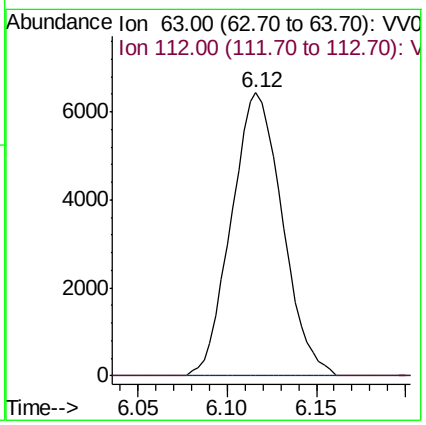


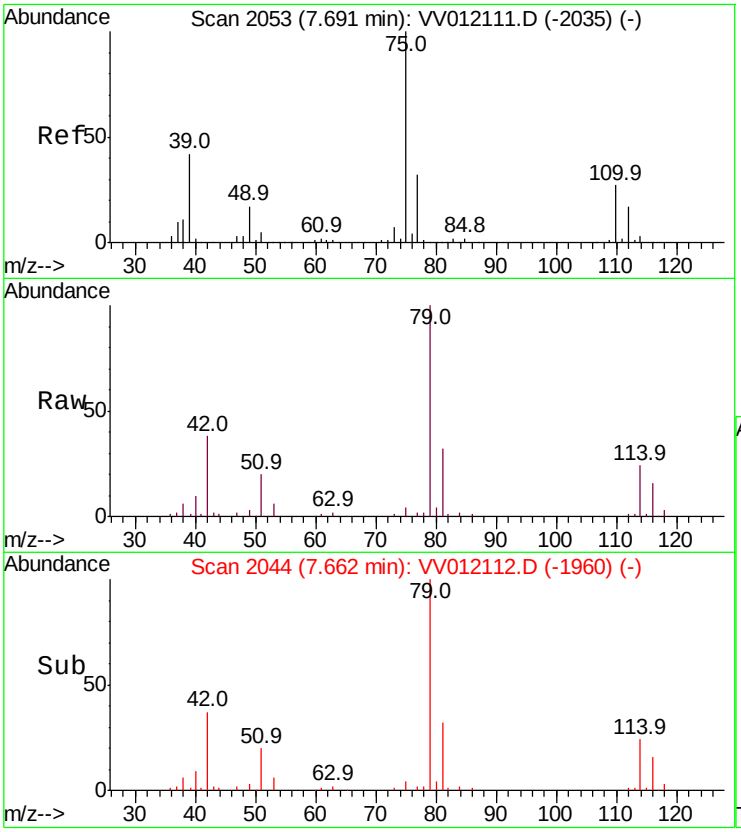


#37
1,2-Dichloropropane
Concen: 8.750 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Tgt Ion: 63 Resp: 12794

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#



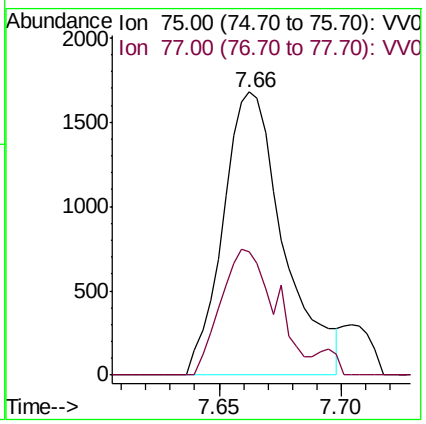


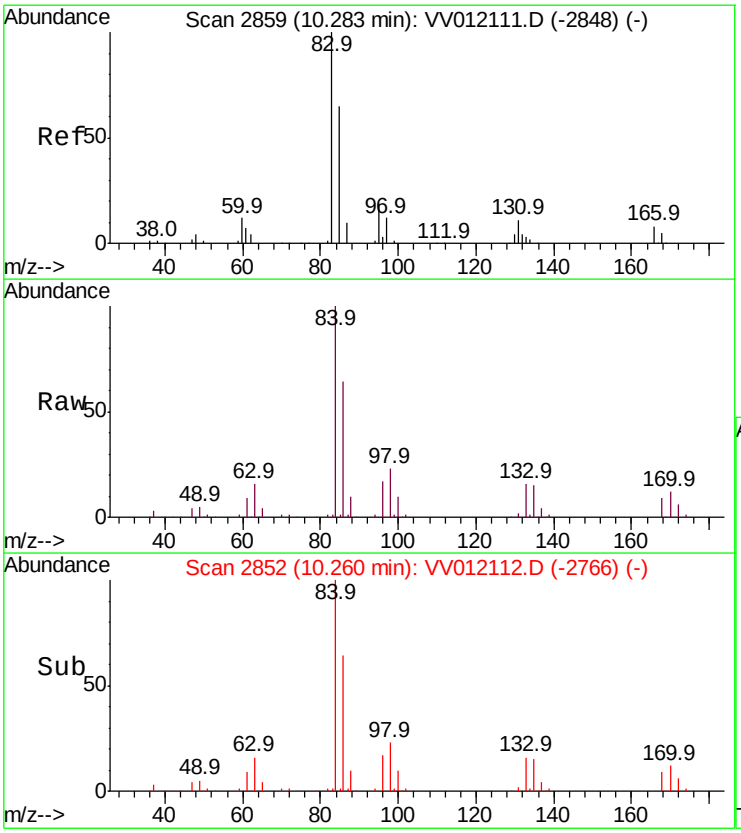
#44
trans-1,3-Dichloropropene
Concen: 1.191 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 2898

Ion	Ratio	Lower	Upper
75	100		
77	43.5	21.8	40.4#

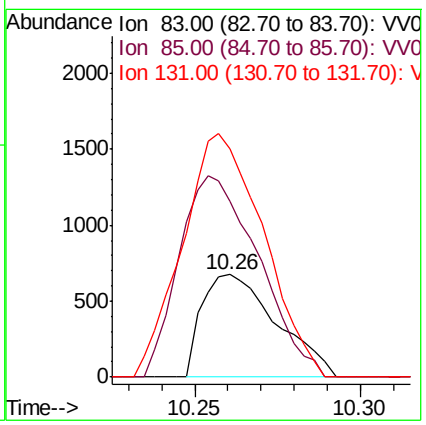


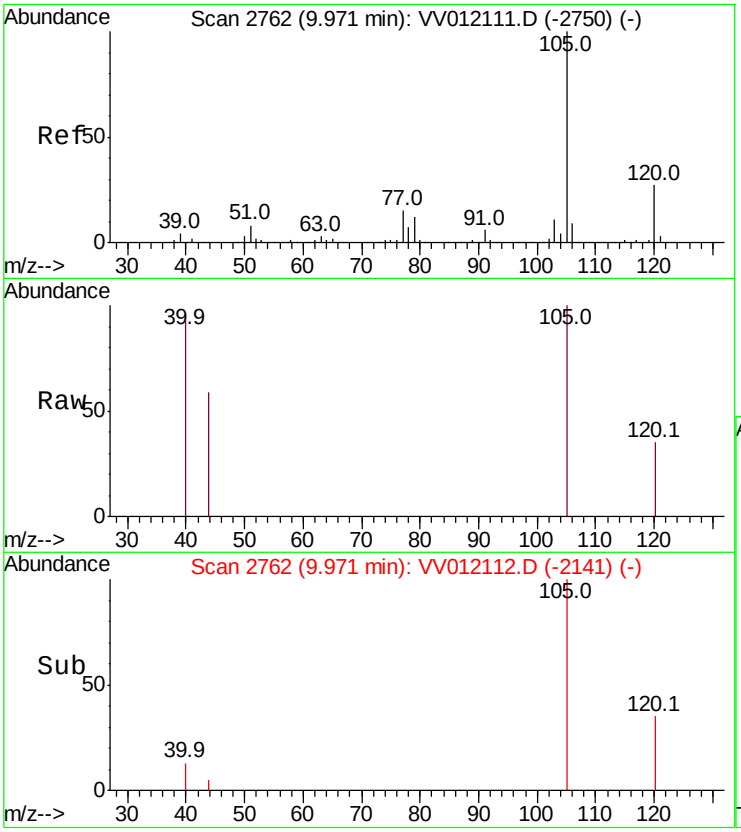


#57
1,1,2,2-Tetrachloroethane
Concen: 0.436 ug/L
RT: 10.26 min Scan# 2852
Delta R.T. -0.02 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Tgt Ion: 83 Resp: 1056

Ion	Ratio	Lower	Upper
83	100		
85	171.4	44.6	82.8#
131	222.6	9.3	13.9#



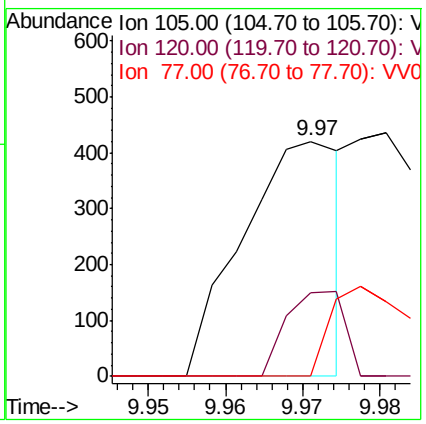


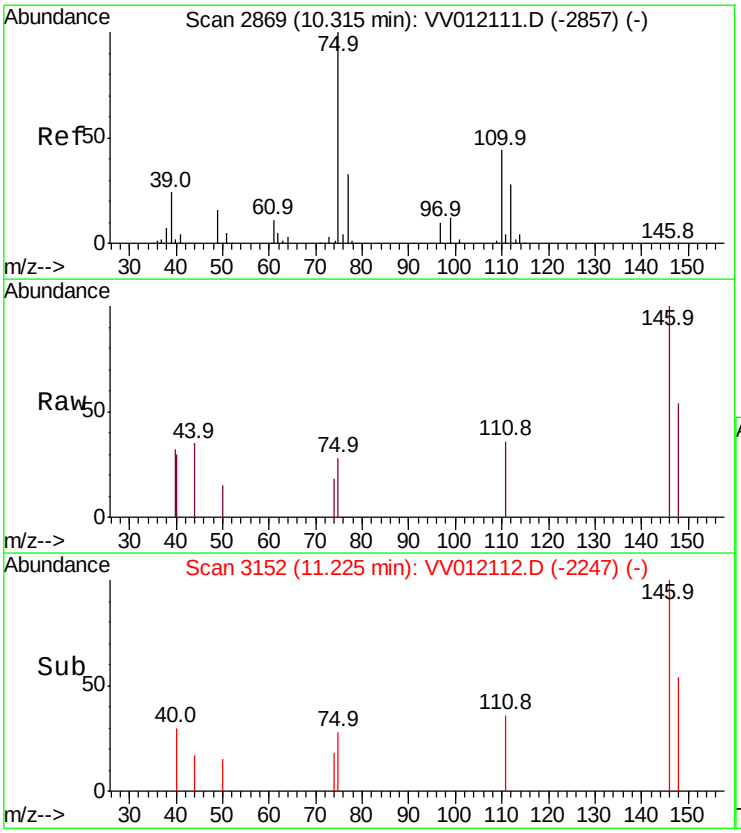
#60
Isopropylbenzene
Concen: 0.053 ug/L
RT: 9.97 min Scan# 2762
Delta R.T. -0.00 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 373

Ion	Ratio	Lower	Upper
105	100		
120	21.2	21.4	32.0#
77	27.6	11.6	17.4#

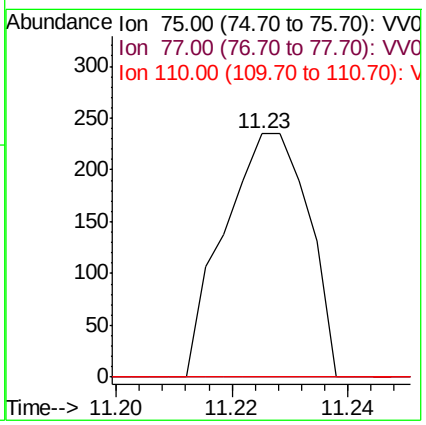


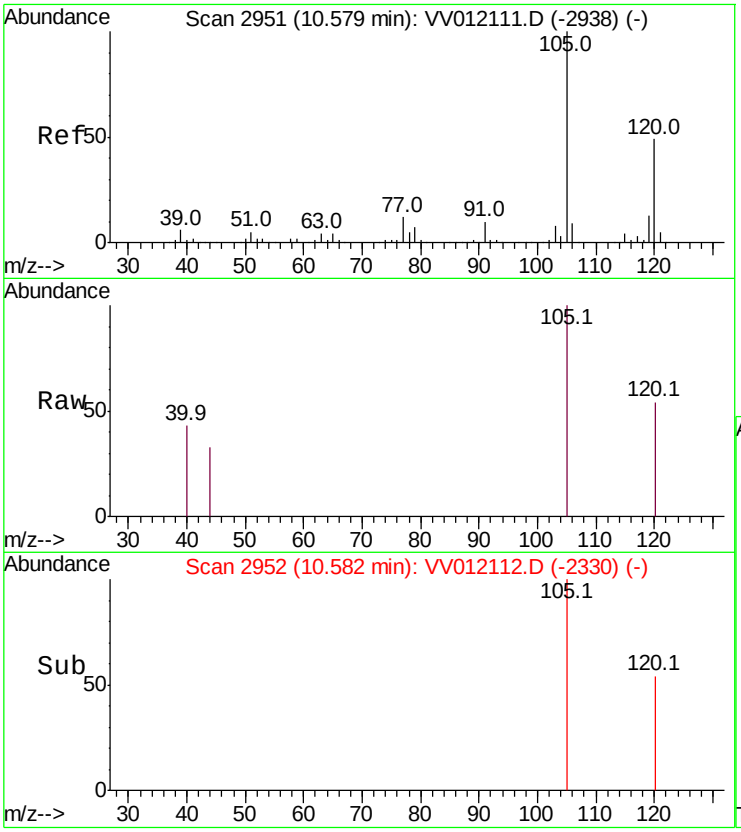


#61
1,2,3-Trichloropropane
Concen: 0.135 ug/L
RT: 11.23 min Scan# 3152
Delta R.T. 0.91 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Tgt Ion: 75 Resp: 236

Ion	Ratio	Lower	Upper
75	100		
77	17.4	25.7	38.5#
110	0.0	34.2	51.4#



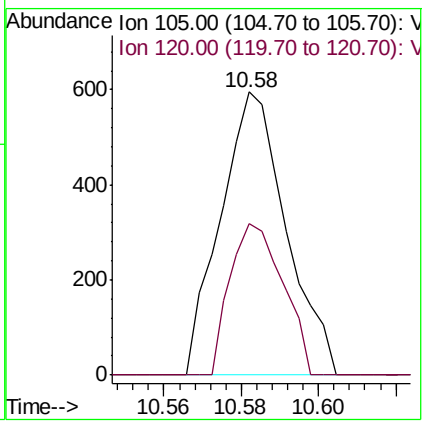


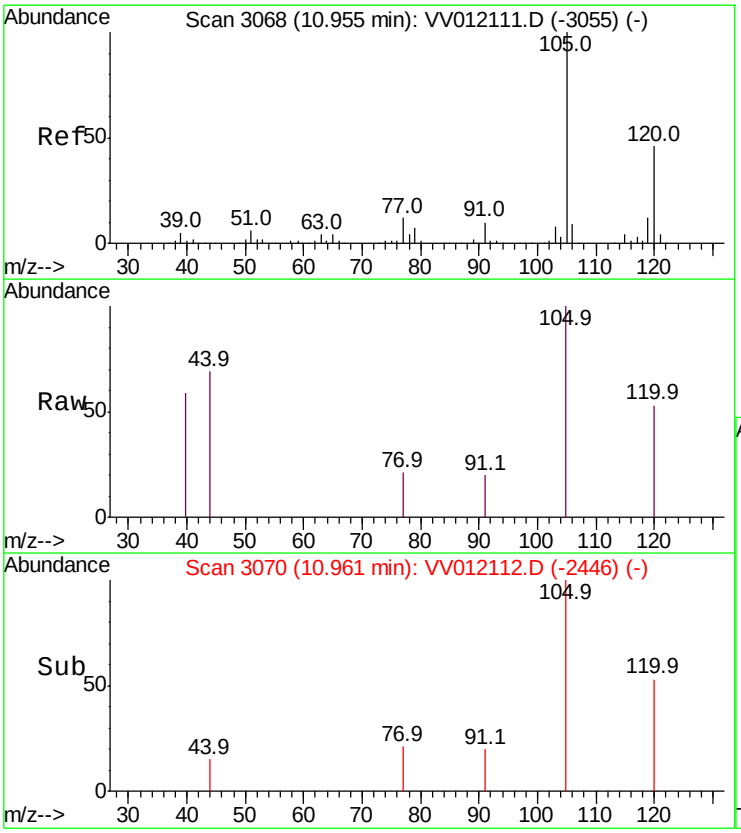
#62
1,3,5-Trimethylbenzene
Concen: 0.115 ug/L
RT: 10.58 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 699

Ion	Ratio	Lower	Upper
105	100		
120	43.3	39.2	58.8

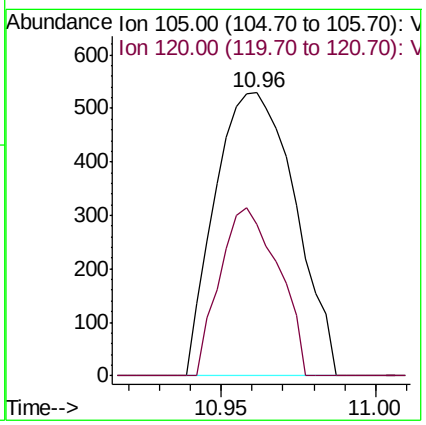


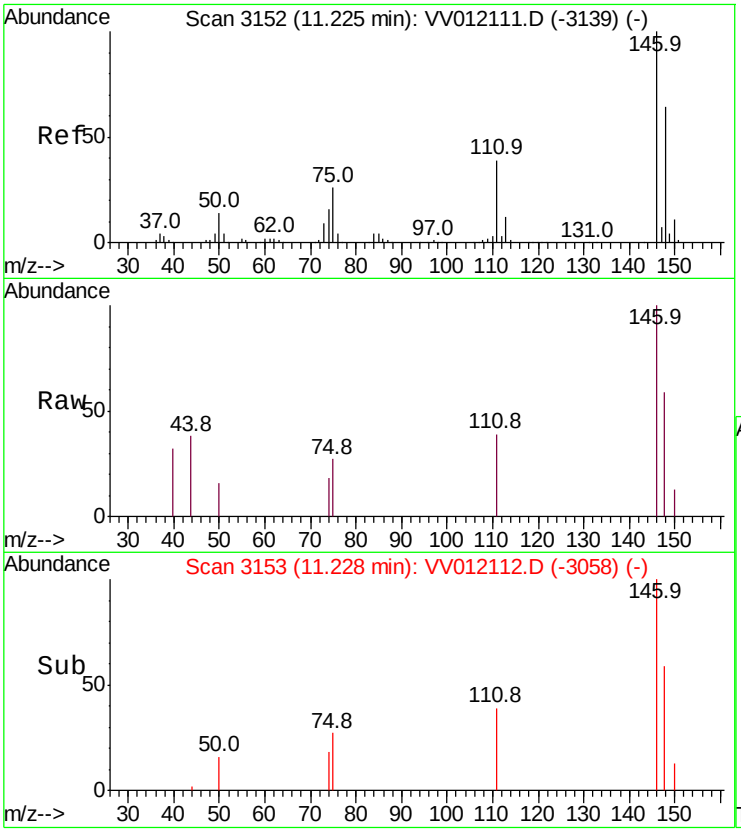


#63
1,2,4-Trimethylbenzene
Concen: 0.159 ug/L
RT: 10.96 min Scan# 3070
Delta R.T. 0.01 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Tgt Ion:105 Resp: 951

Ion	Ratio	Lower	Upper
105	100		
120	43.5	36.7	55.1



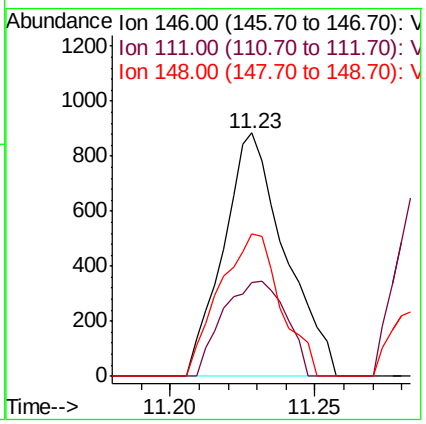


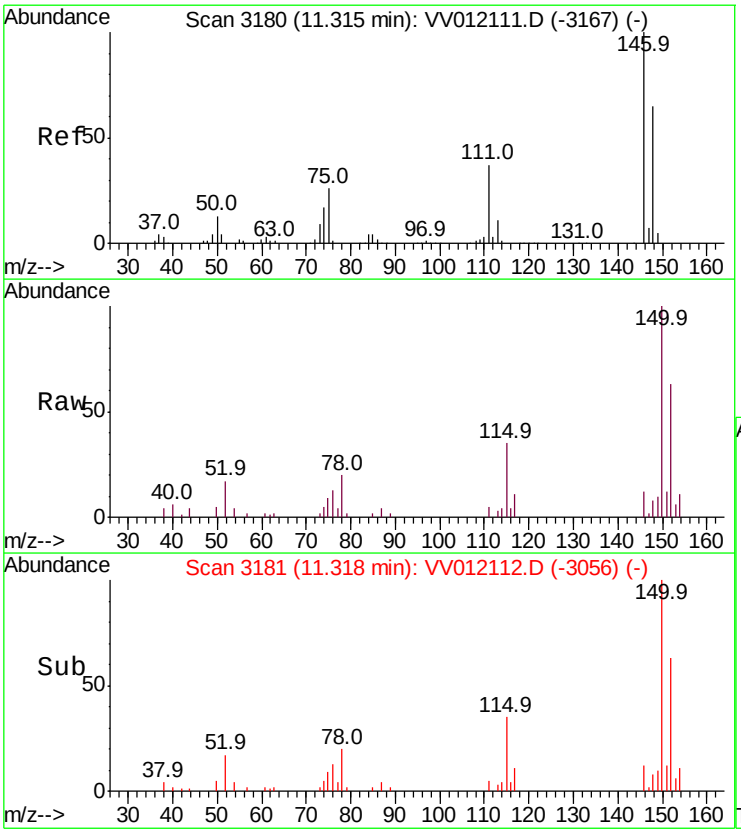
#64
1,3-Dichlorobenzene
Concen: 0.368 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.01 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Instrument : MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 1305

Ion	Ratio	Lower	Upper
146	100		
111	38.8	26.8	49.8
148	58.5	44.6	82.8

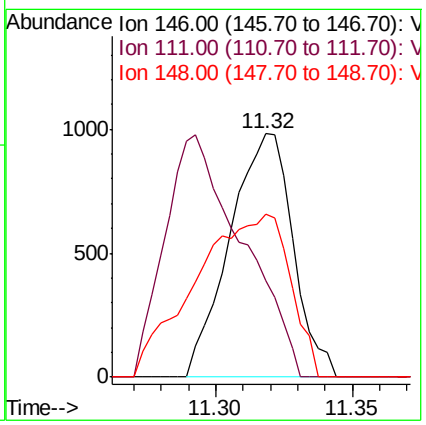


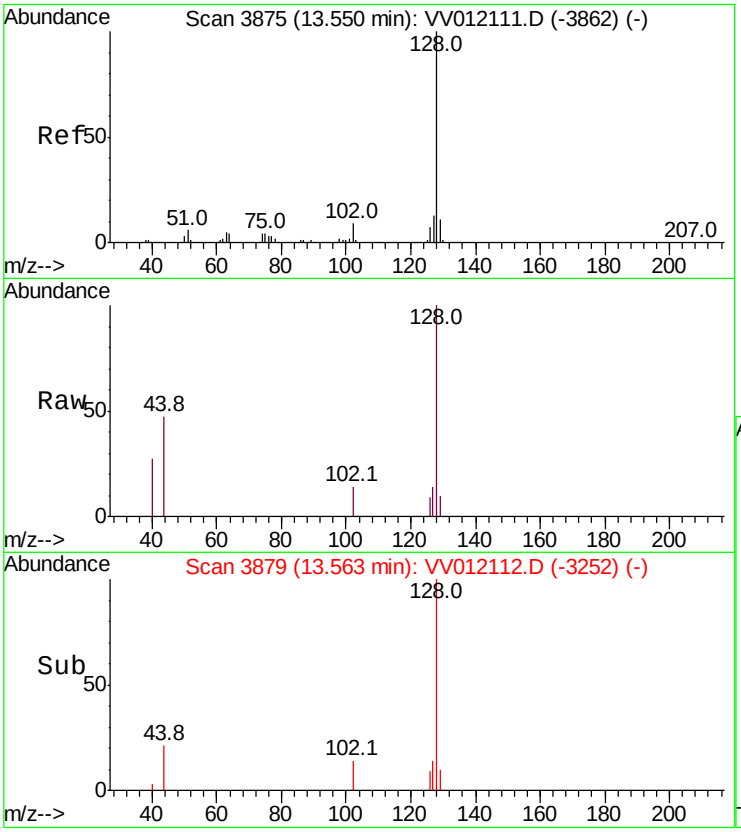


#65
1,4-Dichlorobenzene
Concen: 0.441 ug/L
RT: 11.32 min Scan# 3181
Delta R.T. 0.00 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Tgt Ion:146 Resp: 1580

Ion	Ratio	Lower	Upper
146	100		
111	39.7	25.8	47.8
148	66.8	45.2	84.0





#71
Naphthalene
Concen: 0.460 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.02 min
Lab File: VV012112.D
Acq: 06 Aug 2019 14:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2902

Ion	Ratio	Lower	Upper
128	100		
127	7.6	10.6	15.8#
129	6.3	8.6	12.8#