Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102119\

Quantitation Report (Not Reviewed)

Data File : VV013260.D
Acq On : 21 Oct 2019 22:34
Operator : SY/MD
Sample : K5462-03
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0G31

Quant Time: Oct 22 03:56:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	390664	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	424329	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	215572	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	166056	5.77	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 115.40%			
7) Chloroethane-d5	1.58	69	143590	6.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 120.80%			
11) 1,1-Dichloroethene-d2	2.12	63	207509	4.05	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.00%			
20) 2-Butanone-d5	3.97	46	396753	71.73	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 143.46%#			
24) Chloroform-d	4.40	84	354251	5.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.60%			
26) 1,2-Dichloroethane-d4	5.08	65	181184	5.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 115.40%			
32) Benzene-d6	5.09	84	761010	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 110.80%			
36) 1,2-Dichloropropane-d6	6.11	67	231163	5.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.00%			
41) Toluene-d8	7.36	98	633626	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
43) trans-1,3-Dichloropropene-	7.66	79	76202	4.87	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.40%			
46) 2-Hexanone-d5	8.14	63	287421	51.56	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.12%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	134059	4.49	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	241114	5.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2389	0.074	ug/L #	26
12) 1,1-Dichloroethene	2.13	96	2277	0.074	ug/L #	1
16) Methylene chloride	2.53	84	5908	0.128	ug/L	84
25) Chloroform	4.42	83	24201	0.315	ug/L	94
35) Methylcyclohexane	6.11	83	57431	0.859	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	25089	0.637	ug/L #	87
48) 2-Hexanone	8.14	43	39238	2.732	ug/L #	76

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

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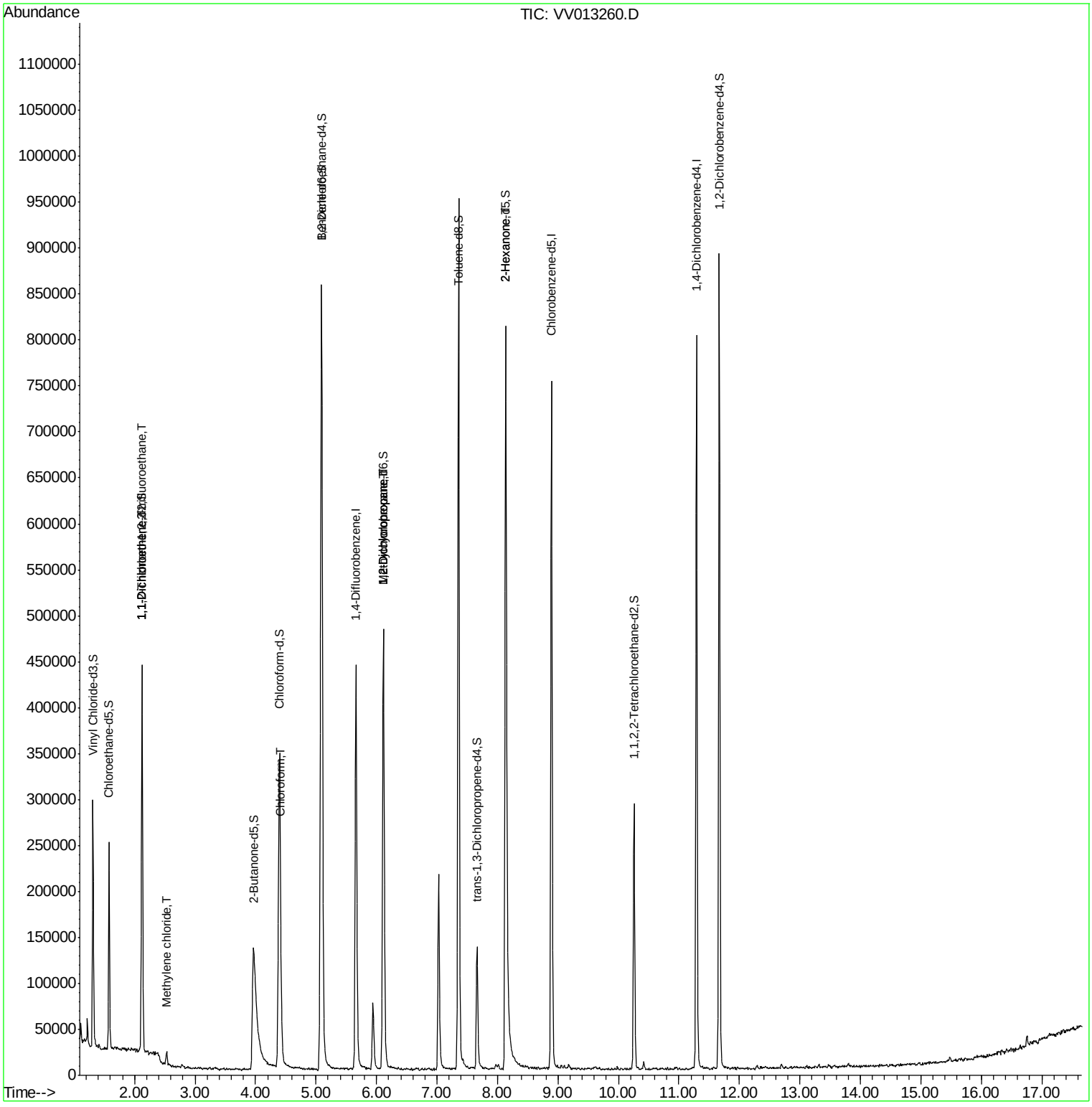
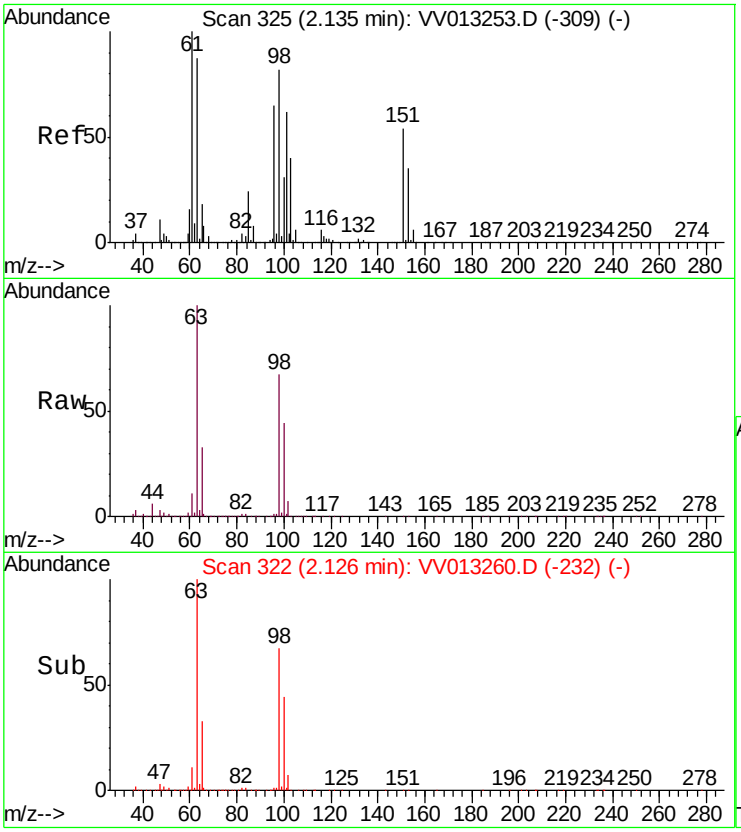
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 03:42:02 2019
Response via : Initial Calibration



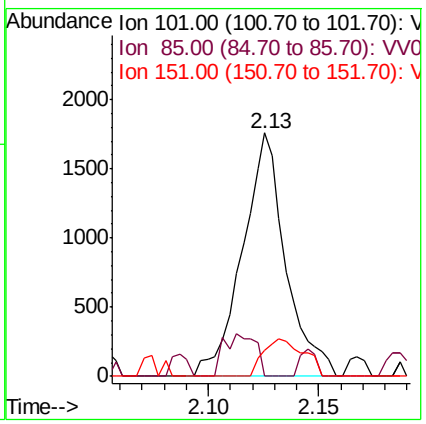


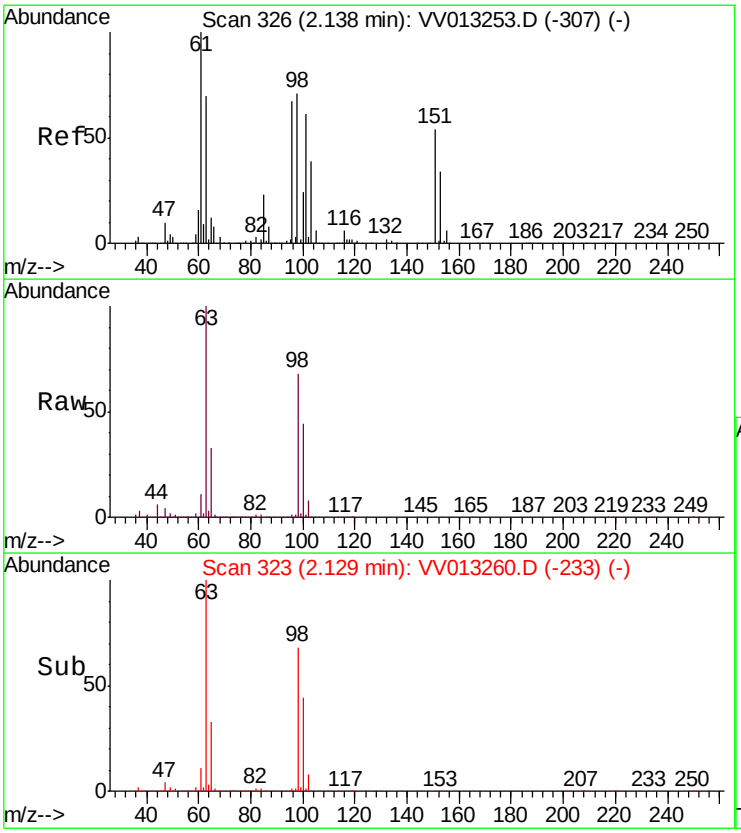
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.074 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV013260.D
Acq: 21 Oct 2019 22:34

Instrument : MSVOA_V
ClientSampleId : H0G31

Tgt Ion:101 Resp: 2389

Ion	Ratio	Lower	Upper
101	100		
85	4.1	31.8	47.8#
151	14.3	72.9	109.3#

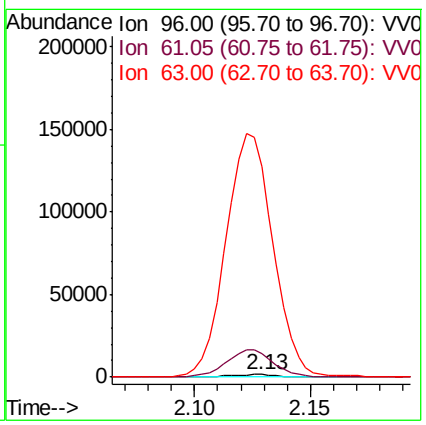


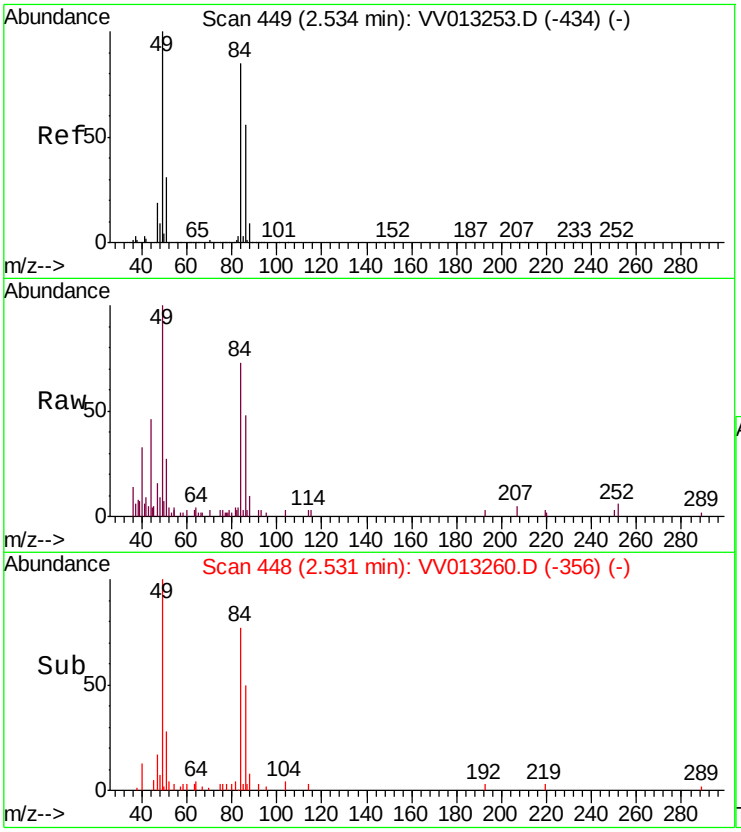


#12
1,1-Dichloroethene
Concen: 0.074 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV013260.D
Acq: 21 Oct 2019 22:34

Tgt Ion: 96 Resp: 2277

Ion	Ratio	Lower	Upper
96	100		
61	908.9	104.0	193.1#
63	8008.1	67.1	124.5#



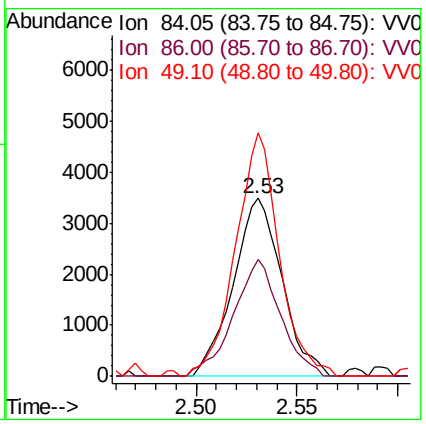


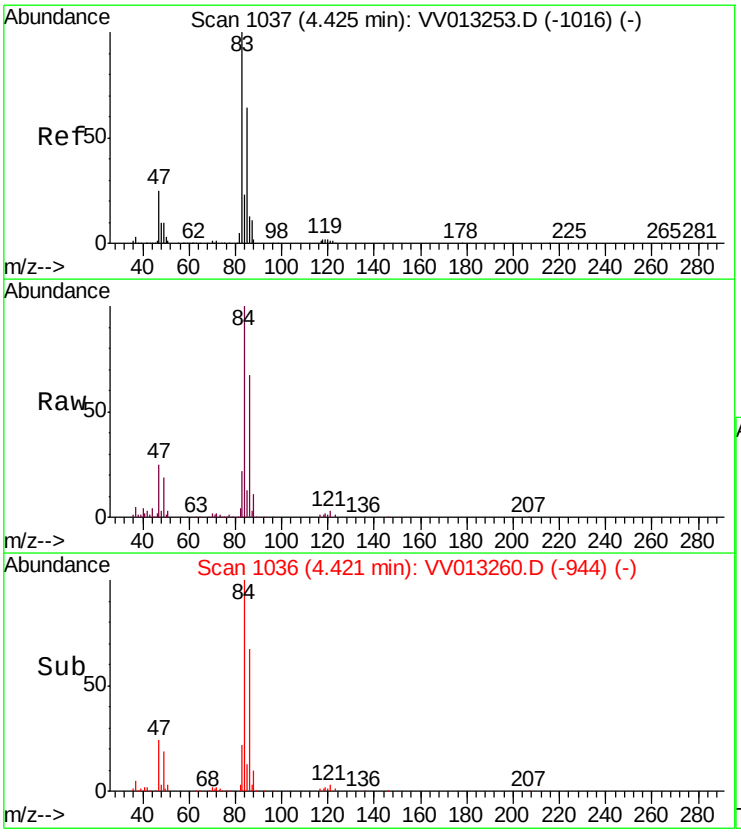
#16
Methylene chloride
Concen: 0.128 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV013260.D
Acq: 21 Oct 2019 22:34

Instrument : MSVOA_V
ClientSampleId : H0G31

Tgt Ion: 84 Resp: 5908

Ion	Ratio	Lower	Upper
84	100		
86	65.8	46.2	85.8
49	136.6	76.4	141.8

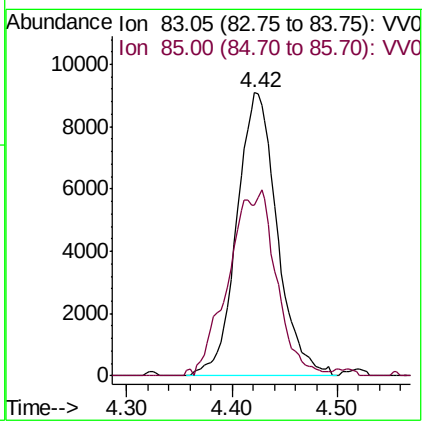


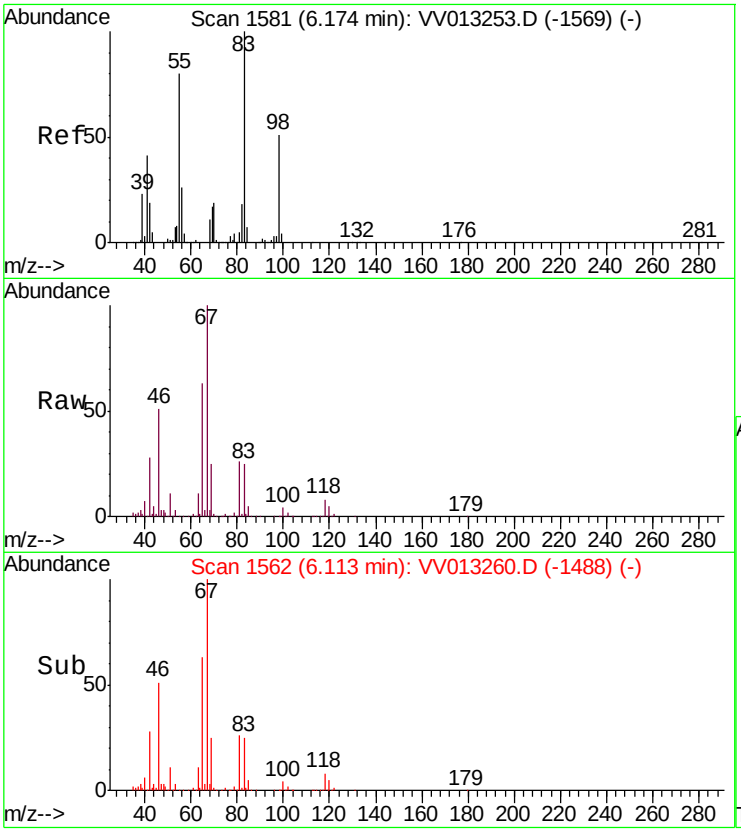


#25
Chloroform
Concen: 0.315 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV013260.D
Acq: 21 Oct 2019 22:34

Tgt Ion: 83 Resp: 24201

Ion	Ratio	Lower	Upper
83	100		
85	60.5	45.7	84.9



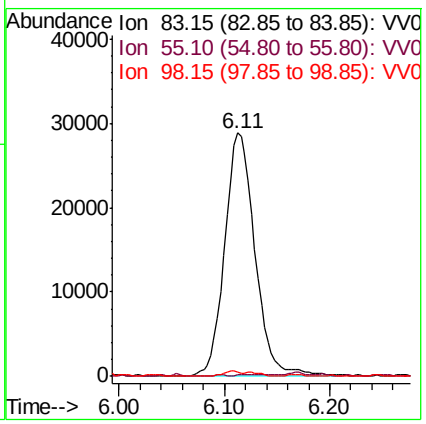


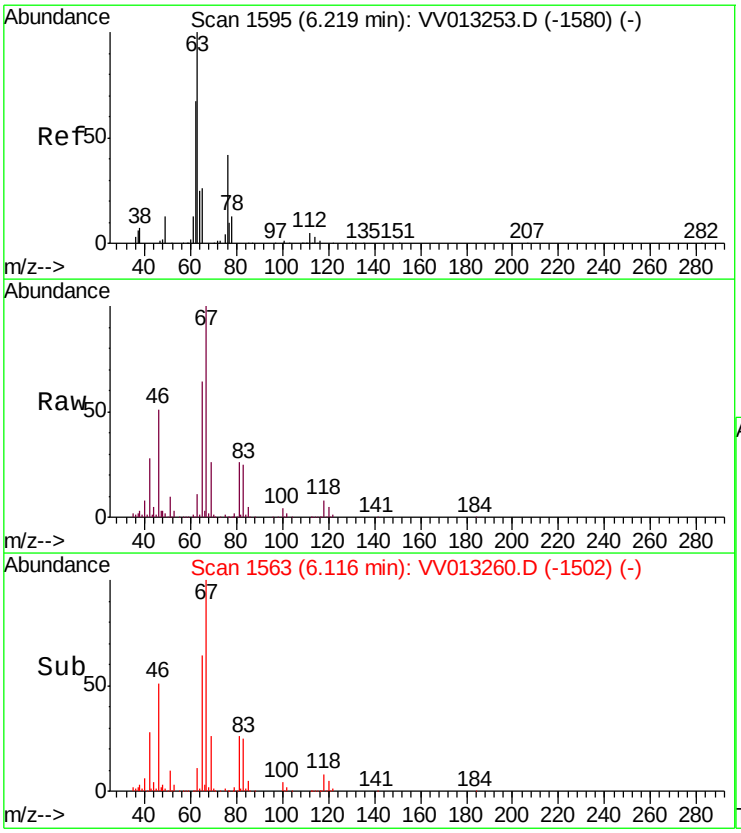
#35
Methylcyclohexane
Concen: 0.859 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013260.D
Acq: 21 Oct 2019 22:34

Instrument : MSVOA_V
ClientSampleId : H0G31

Tgt Ion: 83 Resp: 57431

Ion	Ratio	Lower	Upper
83	100		
55	0.5	62.4	93.6#
98	1.2	39.2	58.8#

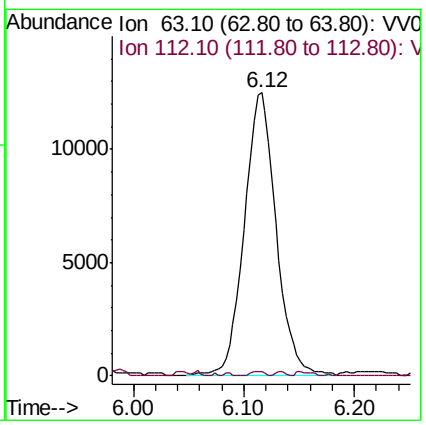


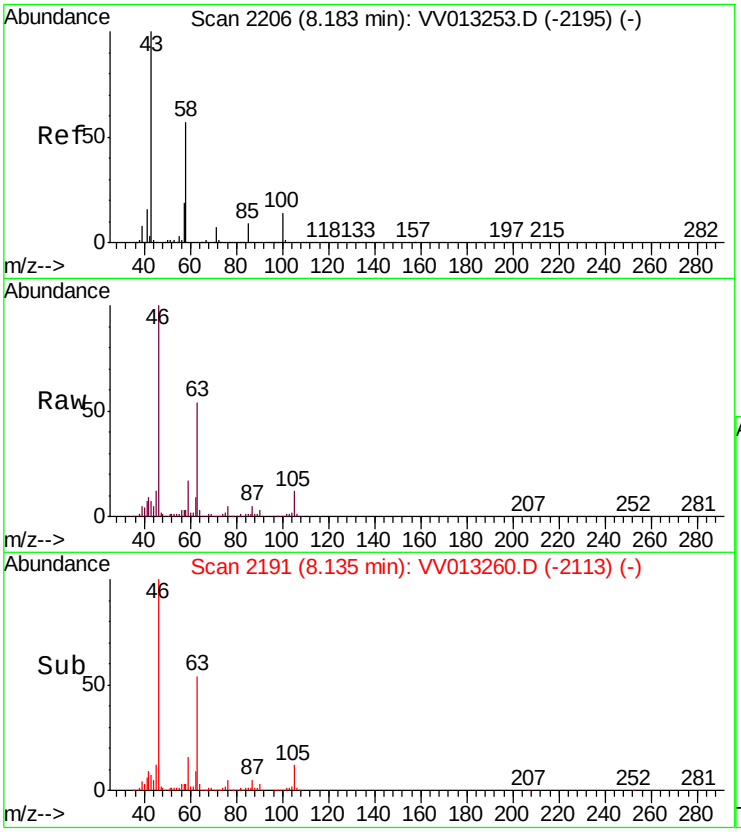


#37
1,2-Dichloropropane
Concen: 0.637 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013260.D
Acq: 21 Oct 2019 22:34

Tgt Ion: 63 Resp: 25089

Ion	Ratio	Lower	Upper
63	100		
112	0.6	4.1	6.1#





#48
2-Hexanone
Concen: 2.732 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013260.D
Acq: 21 Oct 2019 22:34

Instrument :
MSVOA_V
ClientSampleId :
H0G31

Tgt Ion: 43 Resp: 39238

Ion	Ratio	Lower	Upper
43	100		
58	41.4	45.1	67.7#
57	36.7	15.5	23.3#
100	5.1	10.2	15.2#