Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\

Quantitation Report (Not Reviewed)

Data File : VV010787.D
Acq On : 10 May 2019 01:26
Operator : SY/MD
Sample : K2693-17RE
Misc : 5.92G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHF0

Quant Time: May 10 07:58:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	91048	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	85624	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	33633	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	23644	16.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.88%			
7) Chloroethane-d5	1.57	69	24455	21.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.04%			
10) 1,1-Dichloroethene-d2	2.12	63	43329	14.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.48%			
20) 2-Butanone-d5	3.93	46	13772	32.45	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.90%			
24) Chloroform-d	4.39	84	57210	23.05	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.08	65	34489	22.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.00%			
29) Benzene-d6	5.09	84	109694	24.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.36%			
33) 1,2-Dichloropropane-d6	6.11	67	36669	25.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 102.12%			
37) Toluene-d8	7.36	98	95908	22.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.88%			
38) trans-1,3-Dichloropropene-	7.66	79	12204	18.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.56%			
39) 2-Hexanone-d5	8.13	63	8528	28.38	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 56.76%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	23577	17.47	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 69.88%			
61) 1,2-Dichlorobenzene-d4	11.67	152	29817	22.89	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.56%			

Target Compounds						Qvalue
13) Acetone	2.18	43	892	1.357	ug/L	93
16) Methylene chloride	2.53	84	2605	1.850	ug/L	96
25) Chloroform	4.41	83	3354	1.217	ug/L	92
36) Methylcyclohexane	6.11	83	8679	3.846	ug/L #	19
40) 1,2-Dichloropropane	6.11	63	4277	3.199	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4343	3.867	ug/L #	85

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

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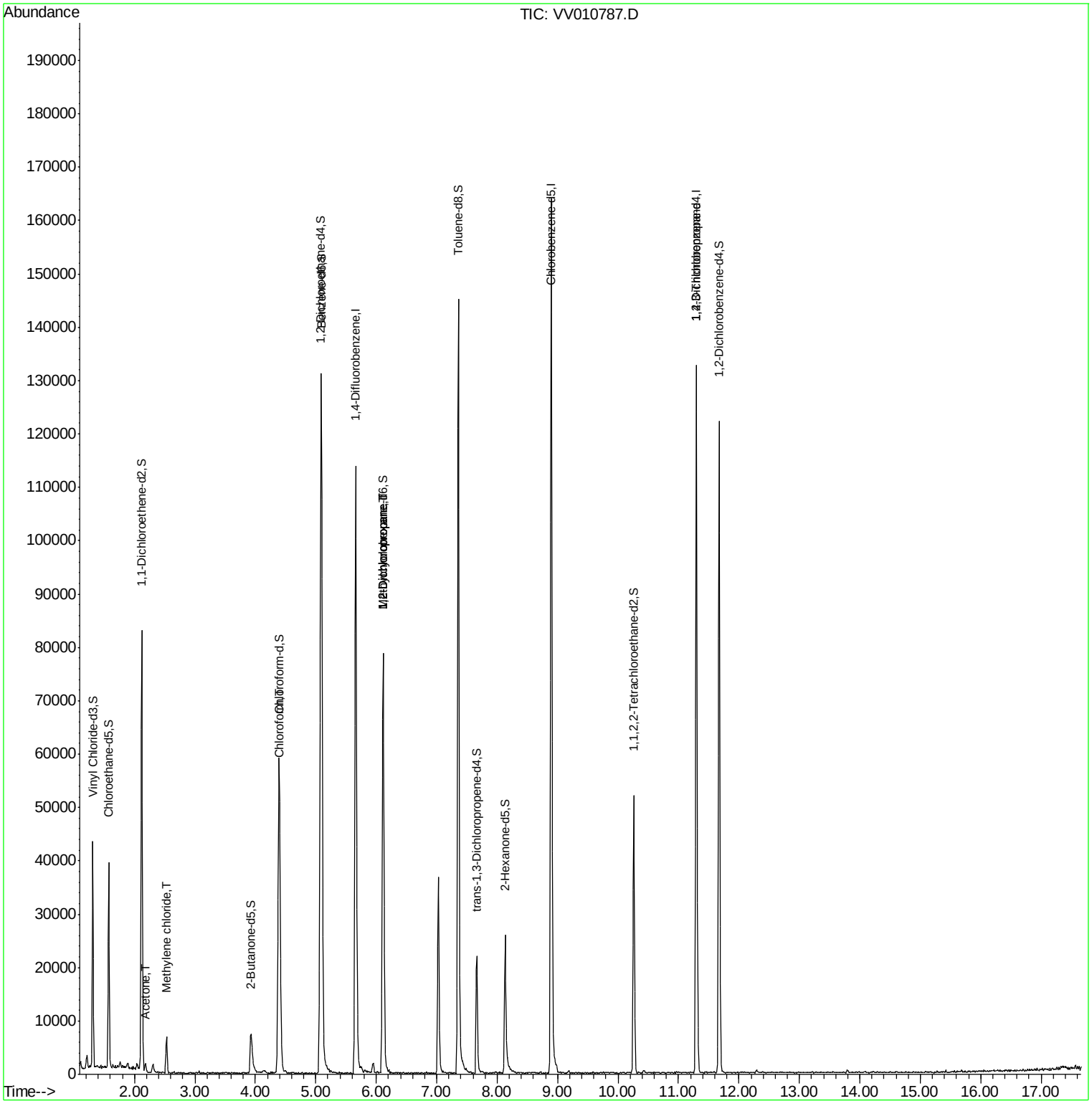
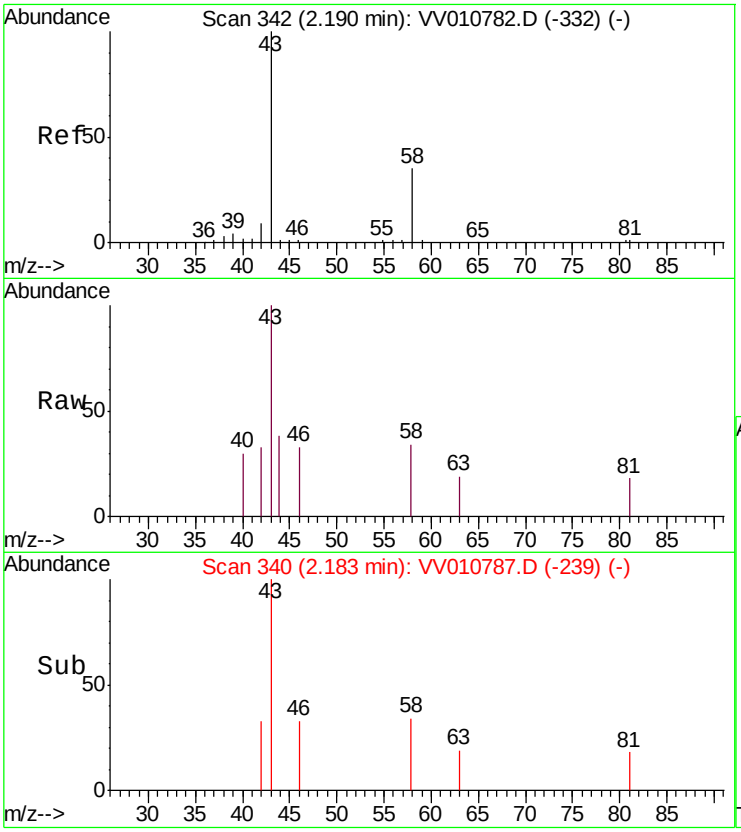
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration



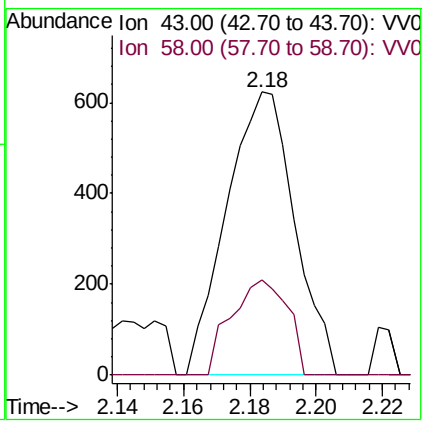


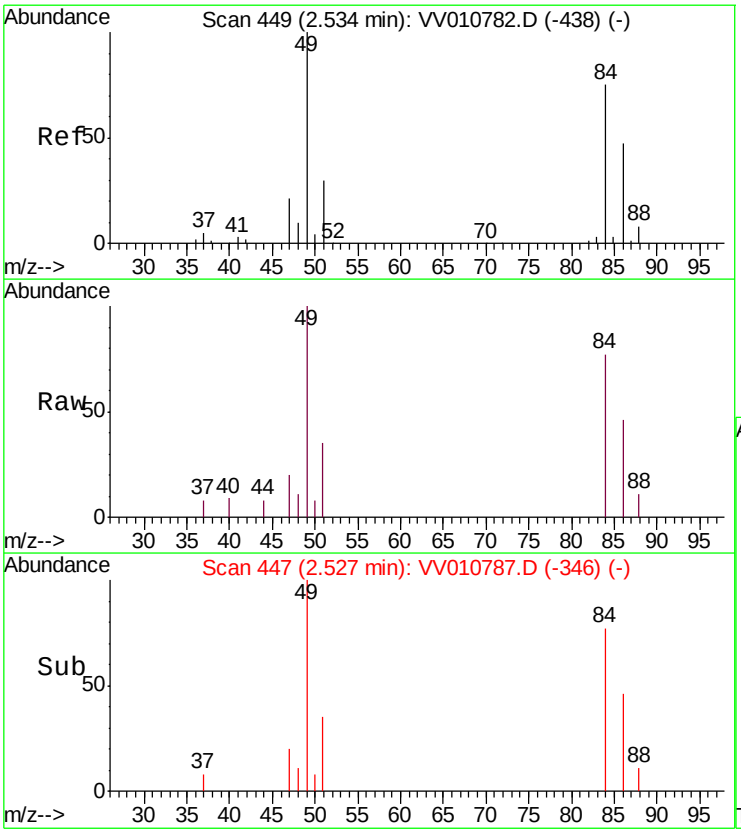
#13
Acetone
Concen: 1.357 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010787.D
Acq: 10 May 2019 01:26

Instrument : MSVOA_V
ClientSampleId : BFHF0

Tgt Ion: 43 Resp: 892

Ion	Ratio	Lower	Upper
43	100		
58	27.6	0.0	63.4

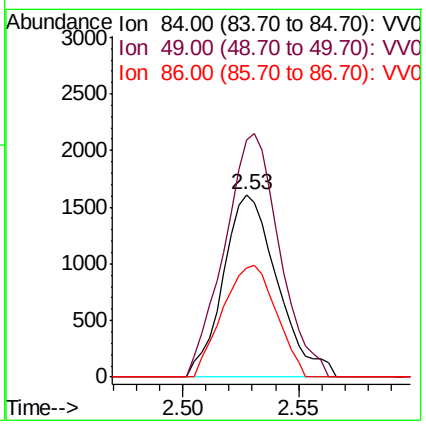


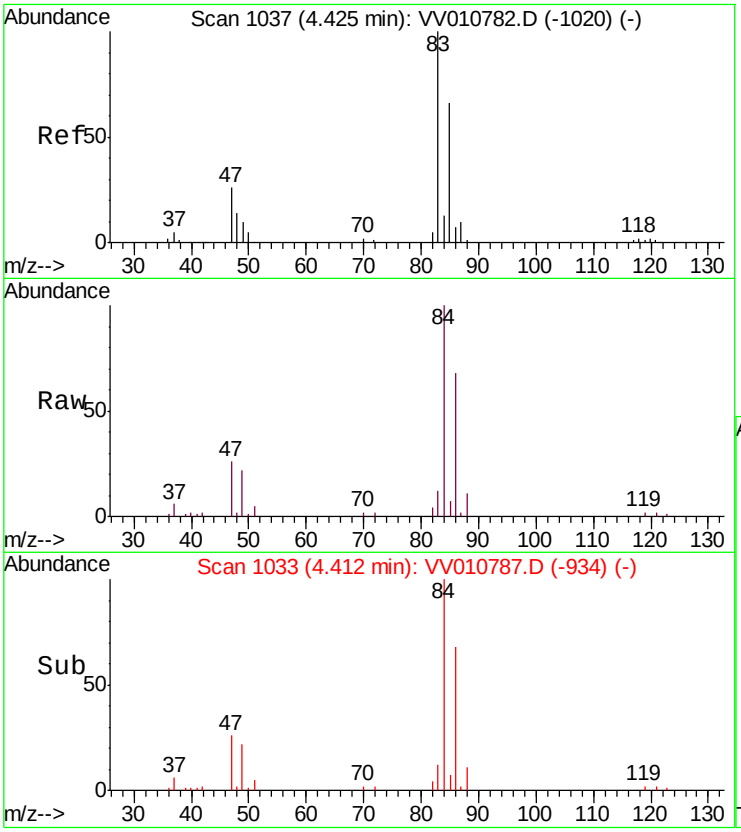


#16
Methylene chloride
Concen: 1.850 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010787.D
Acq: 10 May 2019 01:26

Tgt Ion: 84 Resp: 2605

Ion	Ratio	Lower	Upper
84	100		
49	130.0	92.9	172.5
86	60.0	46.5	86.5



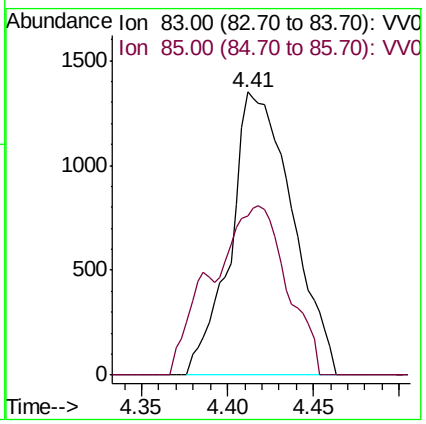


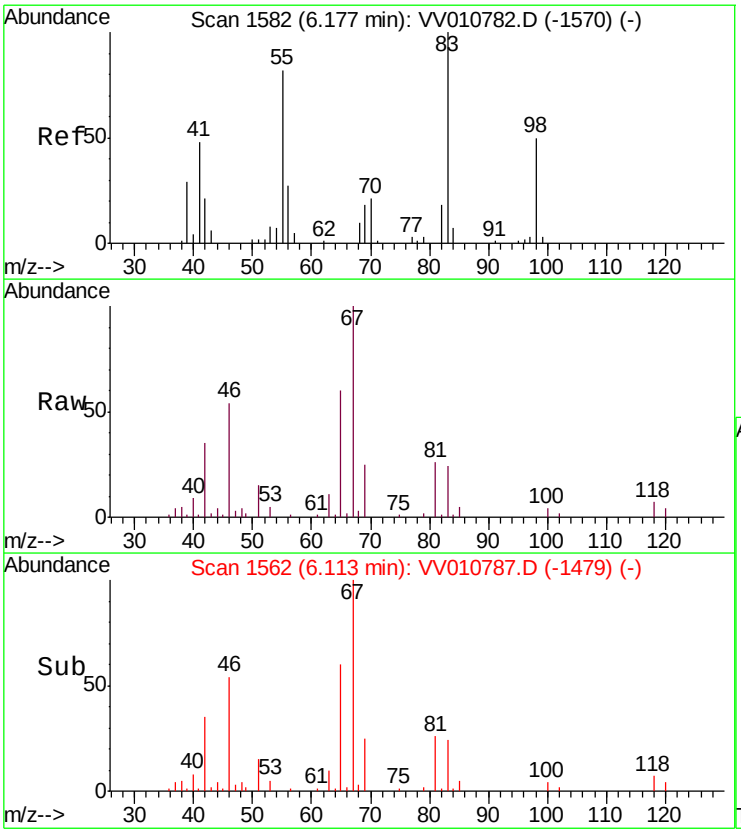
#25
Chloroform
Concen: 1.217 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VV010787.D
Acq: 10 May 2019 01:26

Instrument :
MSVOA_V
ClientSampleId :
BFHF0

Tgt Ion: 83 Resp: 3354

Ion	Ratio	Lower	Upper
83	100		
85	57.2	44.6	82.8

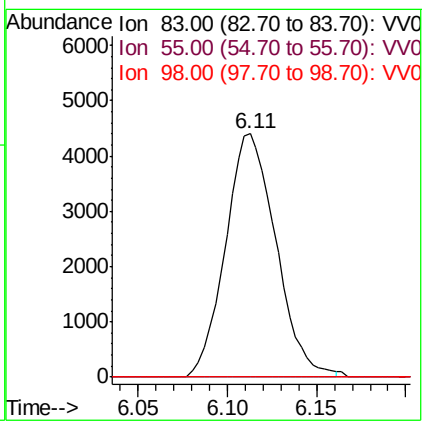


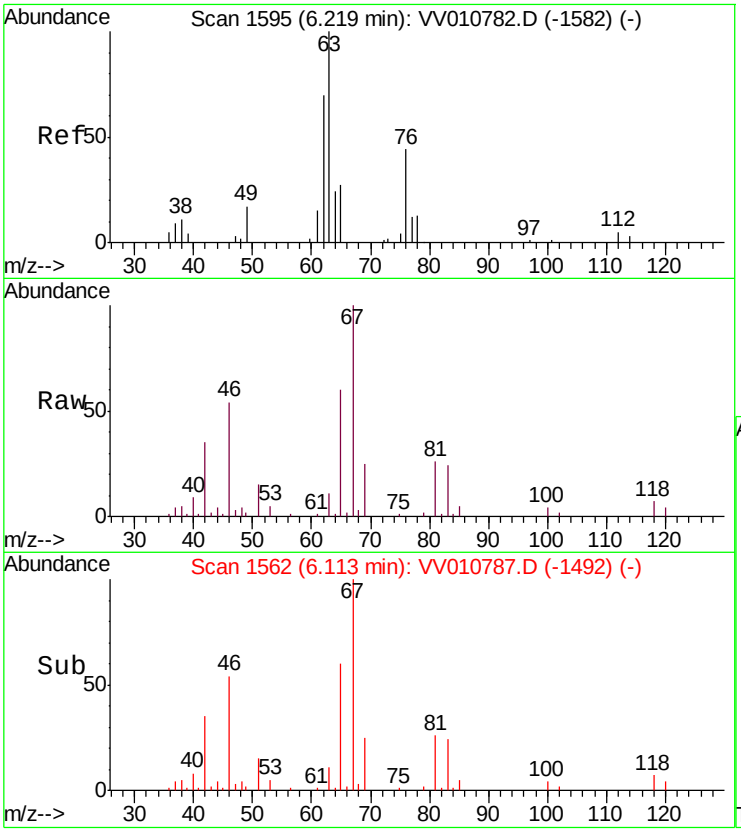


#36
Methylcyclohexane
Concen: 3.846 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010787.D
Acq: 10 May 2019 01:26

Tgt Ion: 83 Resp: 8679

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	4.3	37.7	56.5#



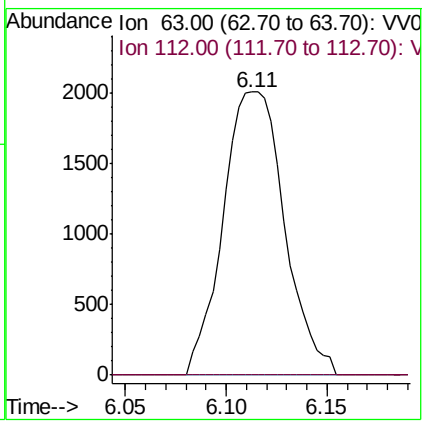


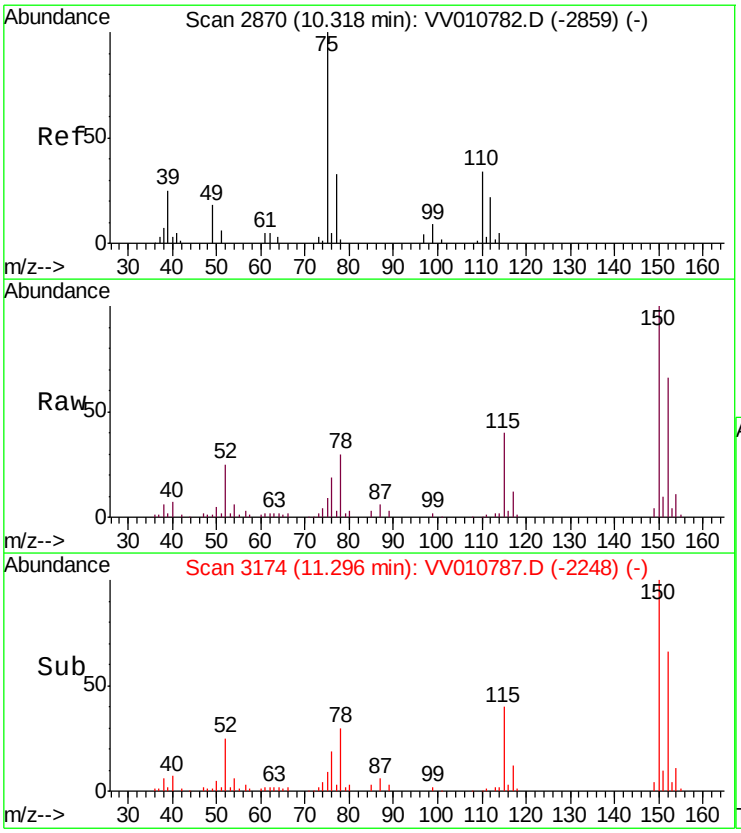
#40
1,2-Dichloropropane
Concen: 3.199 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010787.D
Acq: 10 May 2019 01:26

Instrument : MSVOA_V
ClientSampleId : BFHF0

Tgt Ion: 63 Resp: 4277

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 3.867 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010787.D
Acq: 10 May 2019 01:26

Tgt Ion: 75 Resp: 4343

Ion	Ratio	Lower	Upper
75	100		
77	39.5	25.0	37.6#