Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050719\

Quantitation Report (Not Reviewed)

Data File : VV010751.D
Acq On : 09 May 2019 05:20
Operator : SY/MD
Sample : K2693-01
Misc : 5.52G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH41

Quant Time: May 09 08:12:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	68931	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	72495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27574	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	11391	10.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 42.56%			
7) Chloroethane-d5	1.57	69	13267	15.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.24%			
10) 1,1-Dichloroethene-d2	2.12	63	21766	9.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 37.48%#			
20) 2-Butanone-d5	3.93	46	8171	25.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 50.86%			
24) Chloroform-d	4.40	84	31847	16.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 67.80%			
26) 1,2-Dichloroethane-d4	5.08	65	21510	18.33	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 73.32%			
29) Benzene-d6	5.10	84	58692	15.38	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 61.52%			
33) 1,2-Dichloropropane-d6	6.12	67	20845	17.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 68.56%#			
37) Toluene-d8	7.36	98	52373	14.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 57.32%			
38) trans-1,3-Dichloropropene-	7.66	79	6874	12.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 49.60%			
39) 2-Hexanone-d5	8.13	63	6000	23.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 47.16%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	17593	15.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 61.60%			
61) 1,2-Dichlorobenzene-d4	11.67	152	17668	16.54	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 66.16%#			
Target Compounds						Qvalue
13) Acetone	2.18	43	1349	2.712	ug/L	83
16) Methylene chloride	2.53	84	2425	2.275	ug/L	96
35) Trichloroethene	5.67	95	2095	1.757	ug/L #	7
36) Methylcyclohexane	6.11	83	4837	2.532	ug/L #	18
40) 1,2-Dichloropropane	6.12	63	2615	2.310	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	3712	3.903	ug/L #	83

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

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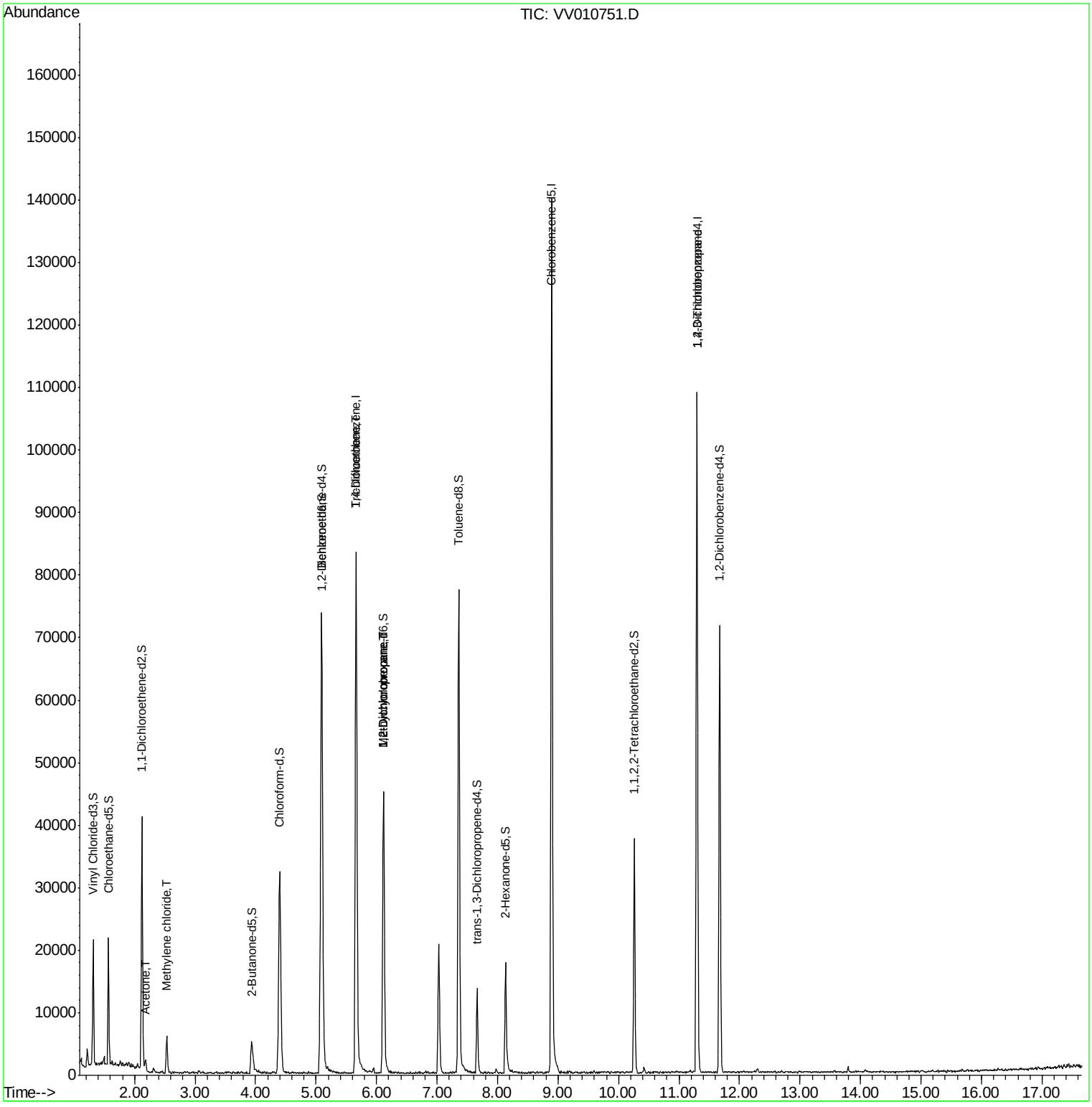
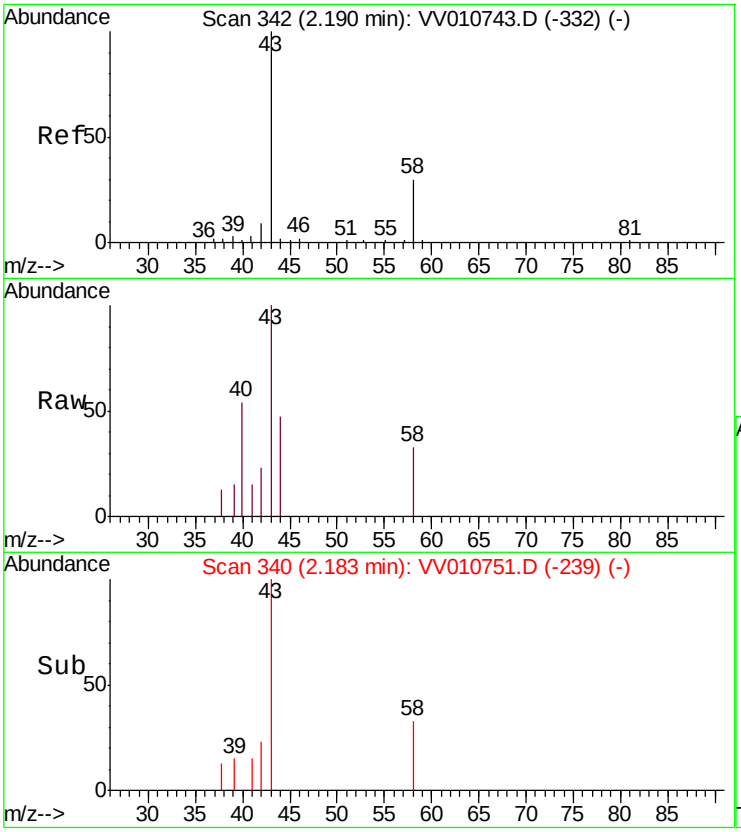
Quant Title : VOC Analysis
QLast Update : Thu May 09 04:43:30 2019
Response via : Initial Calibration



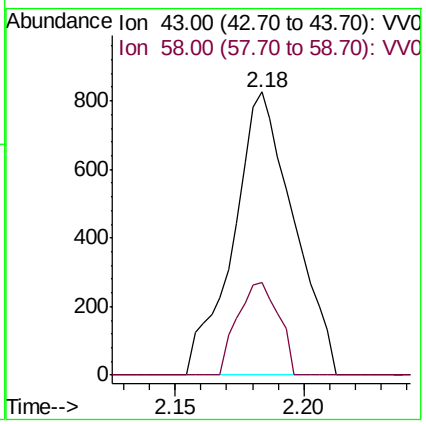


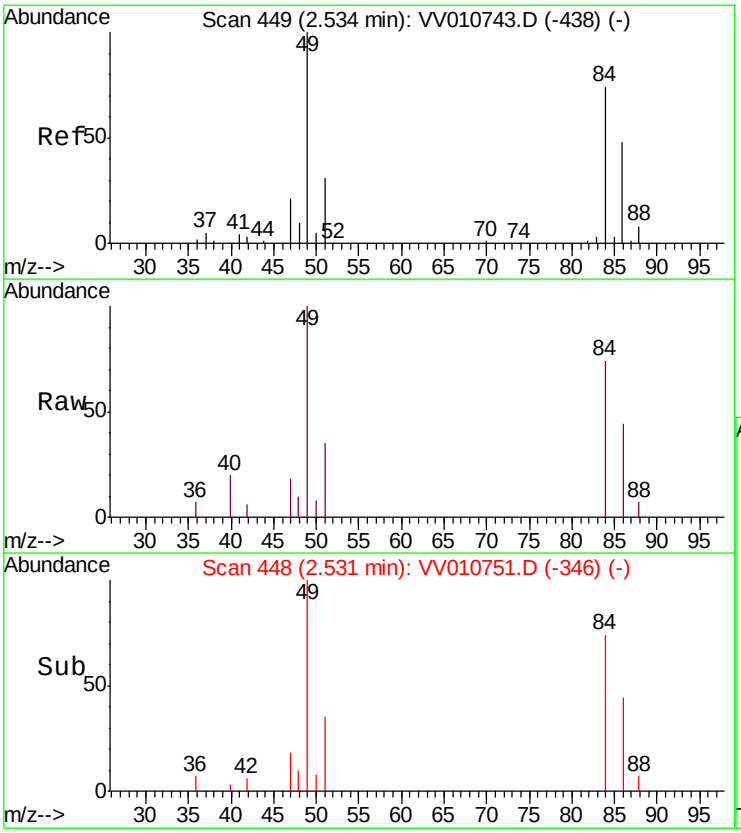
#13
Acetone
Concen: 2.712 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010751.D
Acq: 09 May 2019 05:20

Instrument :
MSVOA_V
ClientSampleId :
BFH41

Tgt Ion: 43 Resp: 1349

Ion	Ratio	Lower	Upper
43	100		
58	22.3	0.0	63.4

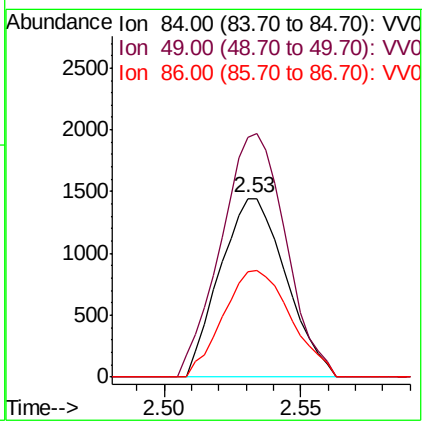


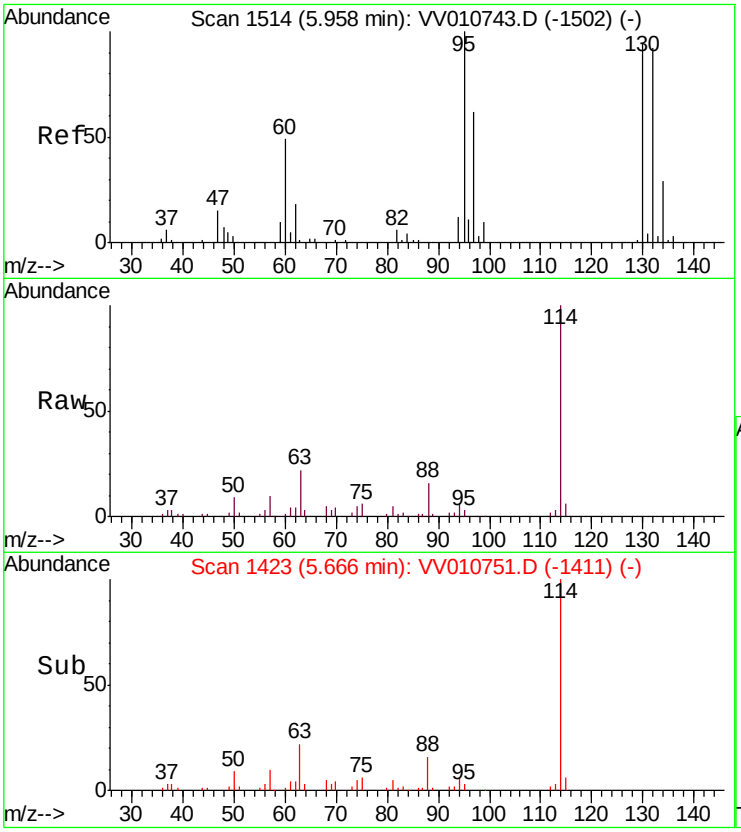


#16
Methylene chloride
Concen: 2.275 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010751.D
Acq: 09 May 2019 05:20

Tgt Ion: 84 Resp: 2425

Ion	Ratio	Lower	Upper
84	100		
49	134.5	92.9	172.5
86	59.2	46.5	86.5



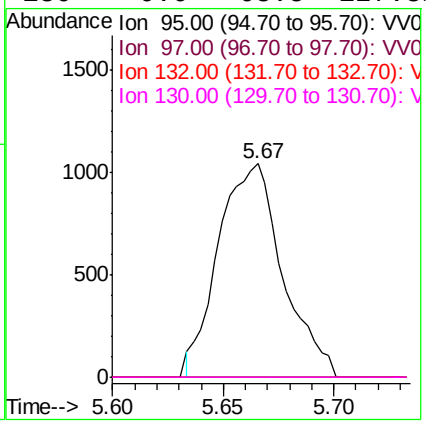


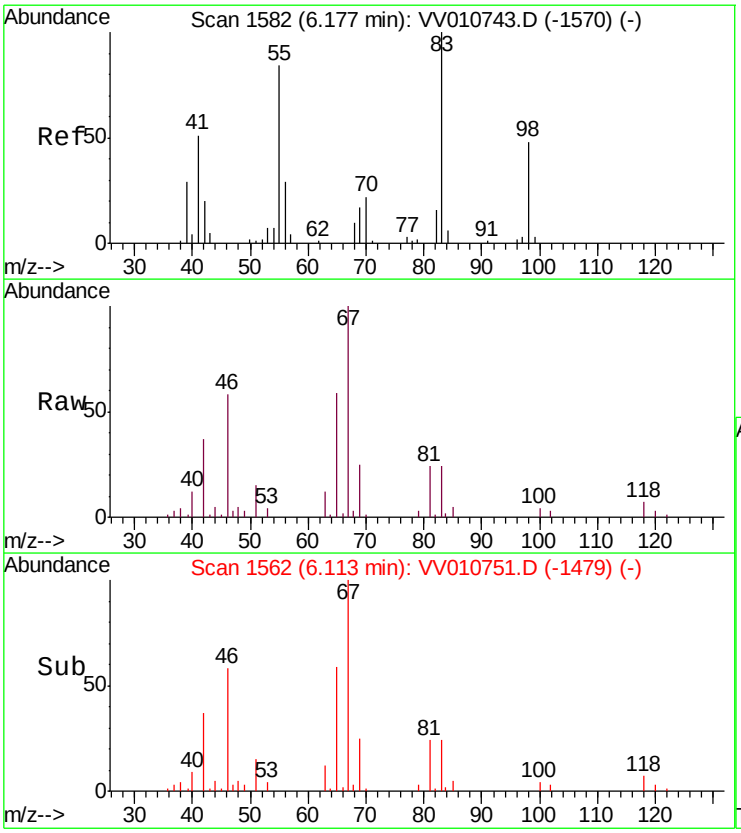
#35
Trichloroethene
Concen: 1.757 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010751.D
Acq: 09 May 2019 05:20

Instrument : MSVOA_V
ClientSampleId : BFH41

Tgt Ion: 95 Resp: 2095

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	62.4	115.8#
130	0.0	68.5	127.3#

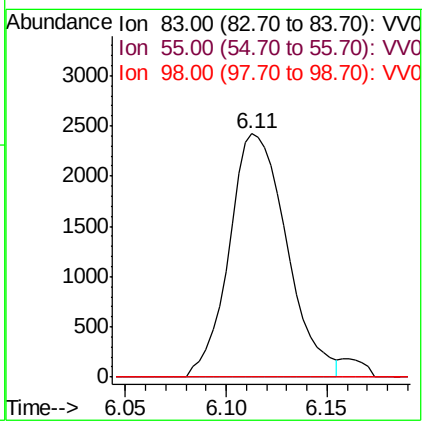


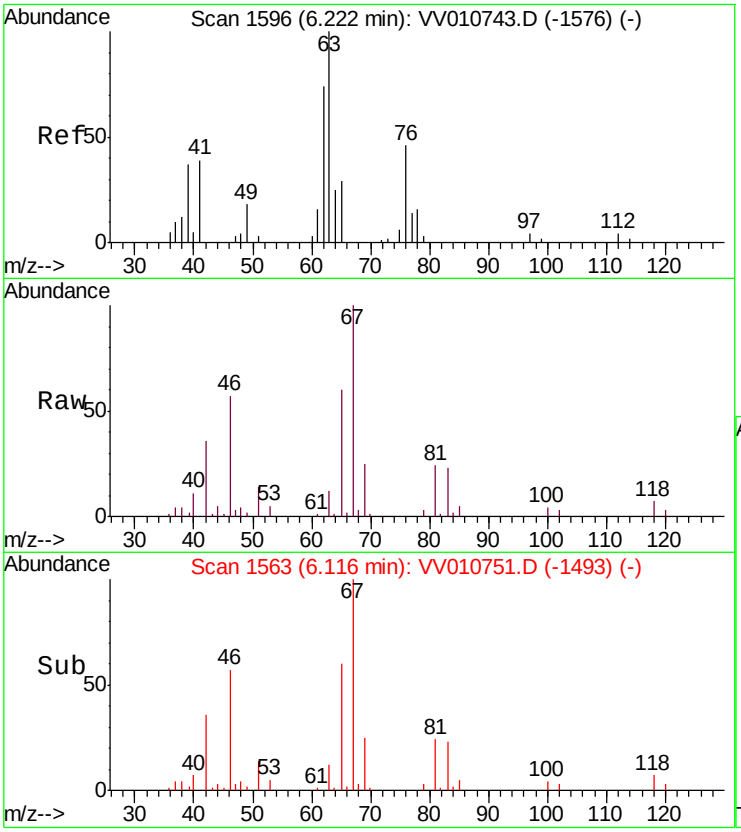


#36
Methylcyclohexane
Concen: 2.532 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010751.D
Acq: 09 May 2019 05:20

Tgt Ion: 83 Resp: 4837

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	2.3	37.7	56.5#



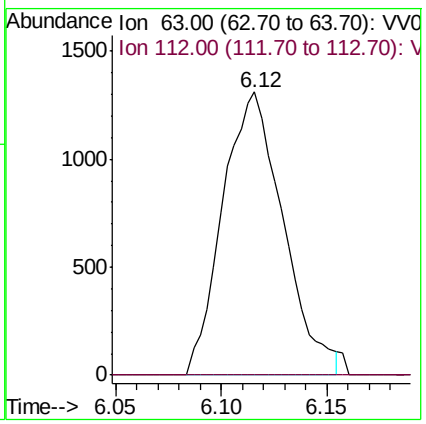


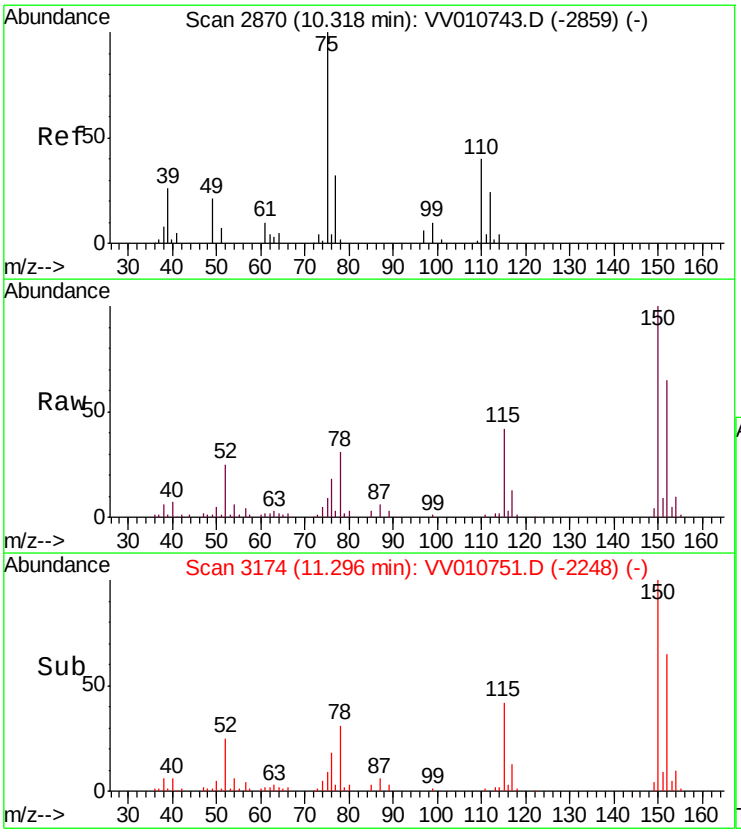
#40
1,2-Dichloropropane
Concen: 2.310 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV010751.D
Acq: 09 May 2019 05:20

Instrument :
MSVOA_V
ClientSampleId :
BFH41

Tgt Ion: 63 Resp: 2615

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 3.903 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010751.D
Acq: 09 May 2019 05:20

Tgt Ion: 75 Resp: 3712

Ion	Ratio	Lower	Upper
75	100		
77	40.6	25.0	37.6#