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

Quantitation Report (Not Reviewed)

Data File : VV010758.D
Acq On : 09 May 2019 08:34
Operator : SY/MD
Sample : K2693-08
Misc : 4.49G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHE7

Quant Time: May 10 02:09:08 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	95320	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	89386	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30711	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	28105	18.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.92%			
7) Chloroethane-d5	1.56	69	28192	23.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.56%			
10) 1,1-Dichloroethene-d2	2.11	63	44640	13.90	ug/L	-0.02
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.60%			
20) 2-Butanone-d5	3.93	46	16554	37.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.50%			
24) Chloroform-d	4.39	84	61859	23.80	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.20%			
26) 1,2-Dichloroethane-d4	5.07	65	39890	24.58	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.32%			
29) Benzene-d6	5.09	84	122607	26.06	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.24%			
33) 1,2-Dichloropropane-d6	6.11	67	40145	26.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.12%			
37) Toluene-d8	7.36	98	107087	23.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.08%			
38) trans-1,3-Dichloropropene-	7.66	79	13488	19.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 78.96%			
39) 2-Hexanone-d5	8.13	63	10372	33.06	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	28803	20.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	30227	25.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.64%			
Target Compounds						Qvalue
13) Acetone	2.18	43	8221	11.950	ug/L	94
16) Methylene chloride	2.53	84	4254	2.886	ug/L	99
25) Chloroform	4.42	83	3920	1.359	ug/L	83
35) Trichloroethene	5.65	95	1262	0.859	ug/L #	7
36) Methylcyclohexane	6.11	83	9687	4.112	ug/L #	18
40) 1,2-Dichloropropane	6.11	63	4857	3.480	ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	4210	3.590	ug/L	92

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

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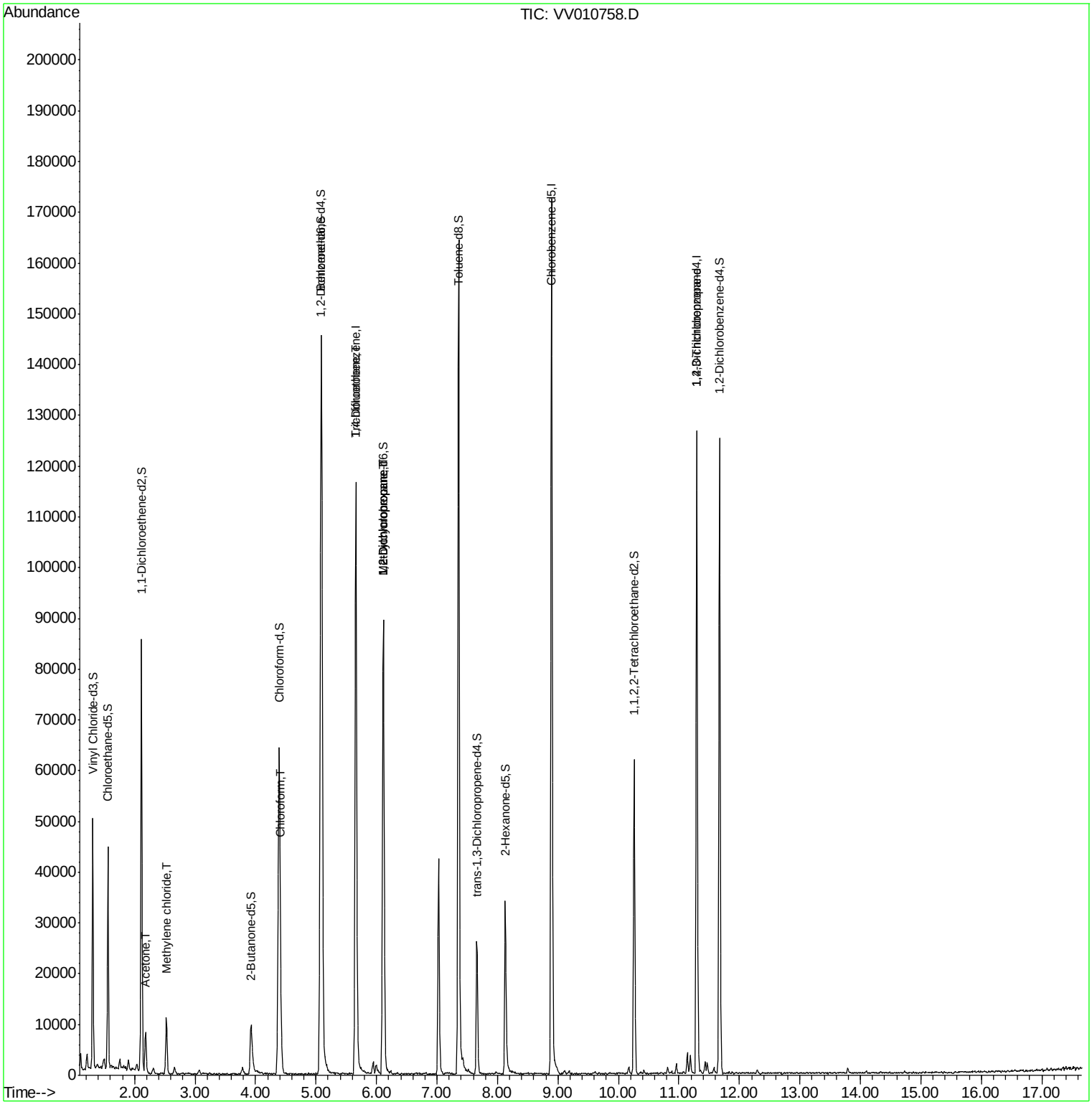
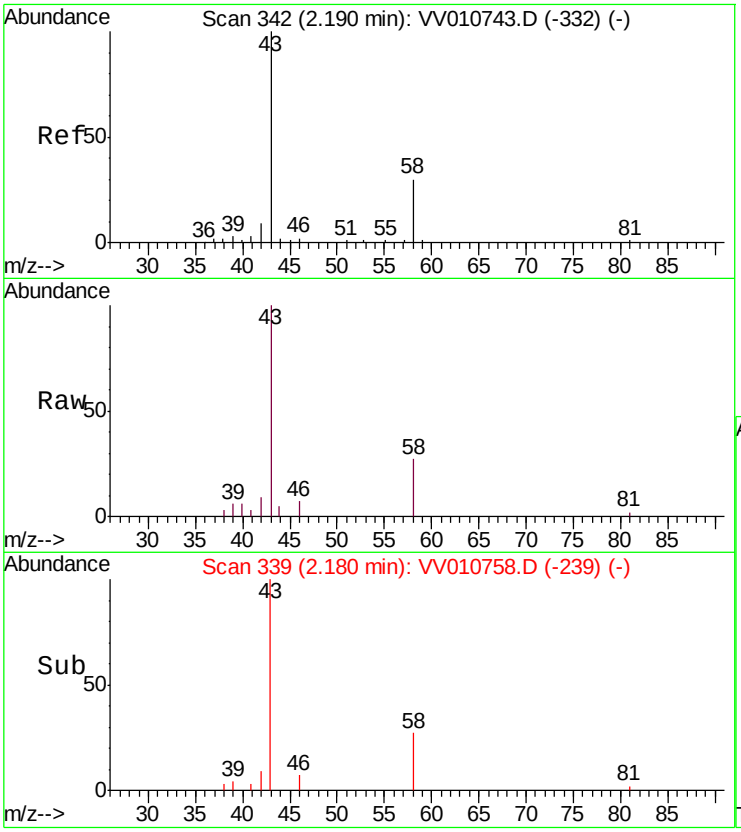
Response via : Initial Calibration



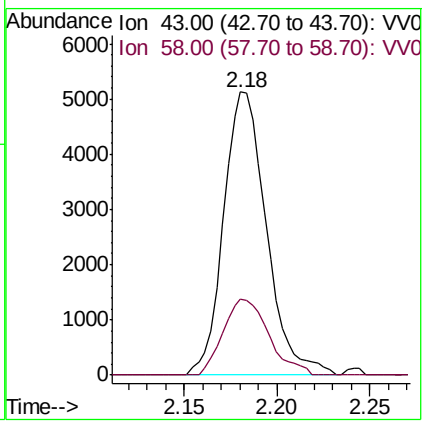


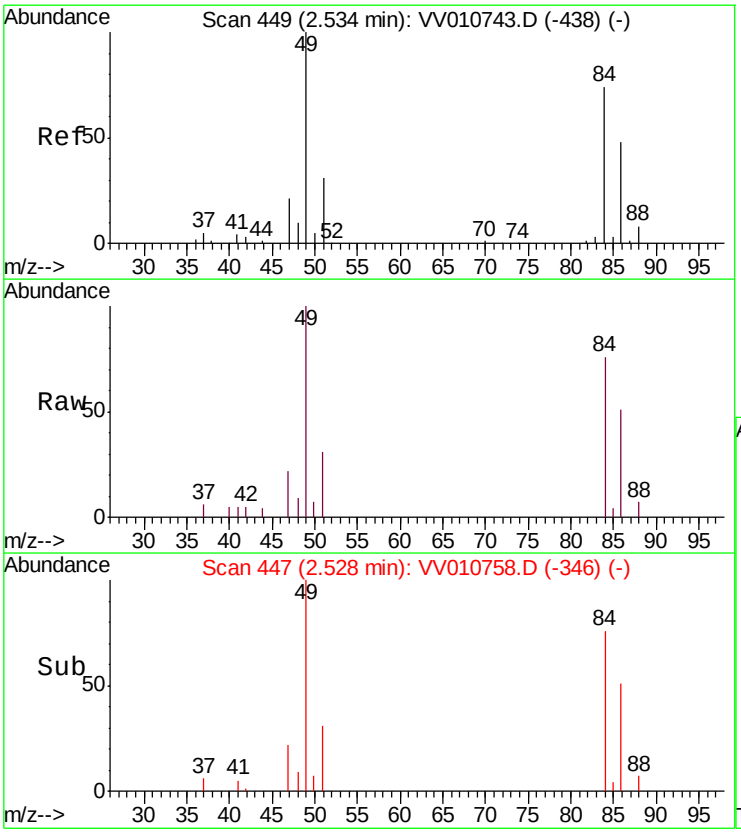
#13
Acetone
Concen: 11.950 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.01 min
Lab File: VV010758.D
Acq: 09 May 2019 08:34

Instrument : MSVOA_V
ClientSampleId : BFHE7

Tgt Ion: 43 Resp: 8221

Ion	Ratio	Lower	Upper
43	100		
58	28.4	0.0	63.4

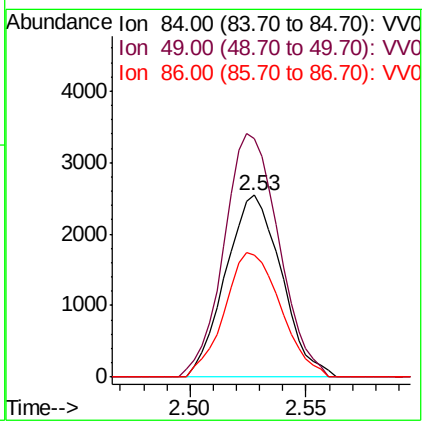


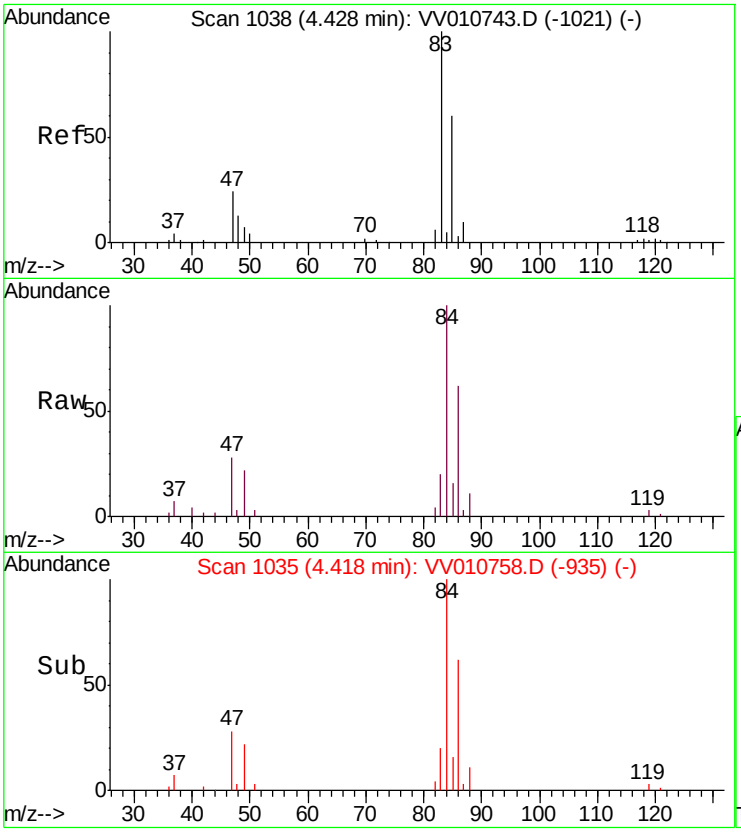


#16
Methylene chloride
Concen: 2.886 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010758.D
Acq: 09 May 2019 08:34

Tgt Ion: 84 Resp: 4254

Ion	Ratio	Lower	Upper
84	100		
49	130.9	92.9	172.5
86	67.4	46.5	86.5



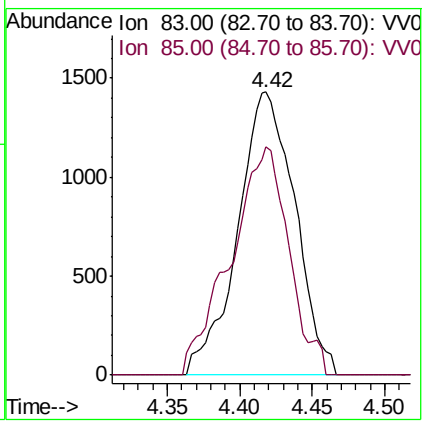


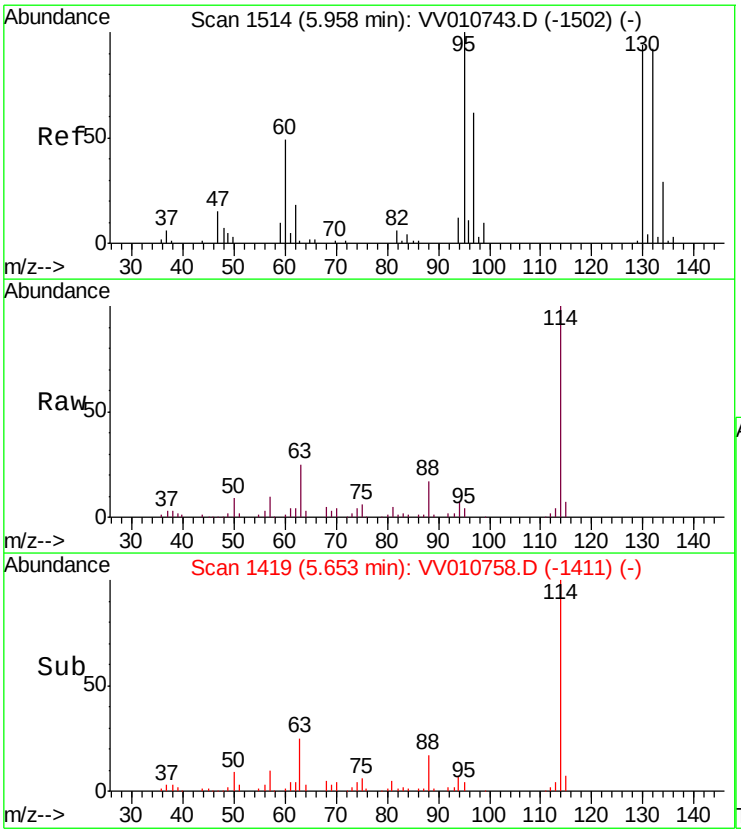
#25
Chloroform
Concen: 1.359 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010758.D
Acq: 09 May 2019 08:34

Instrument :
MSVOA_V
ClientSampleId :
BFHE7

Tgt Ion: 83 Resp: 3920

Ion	Ratio	Lower	Upper
83	100		
85	50.1	44.6	82.8

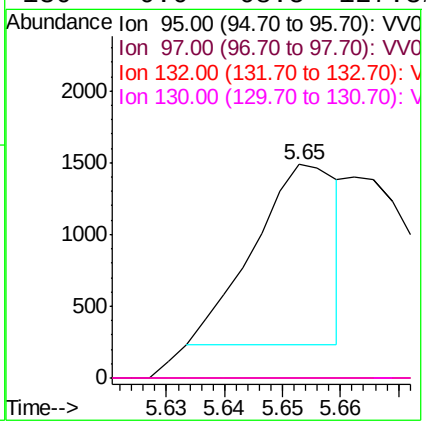


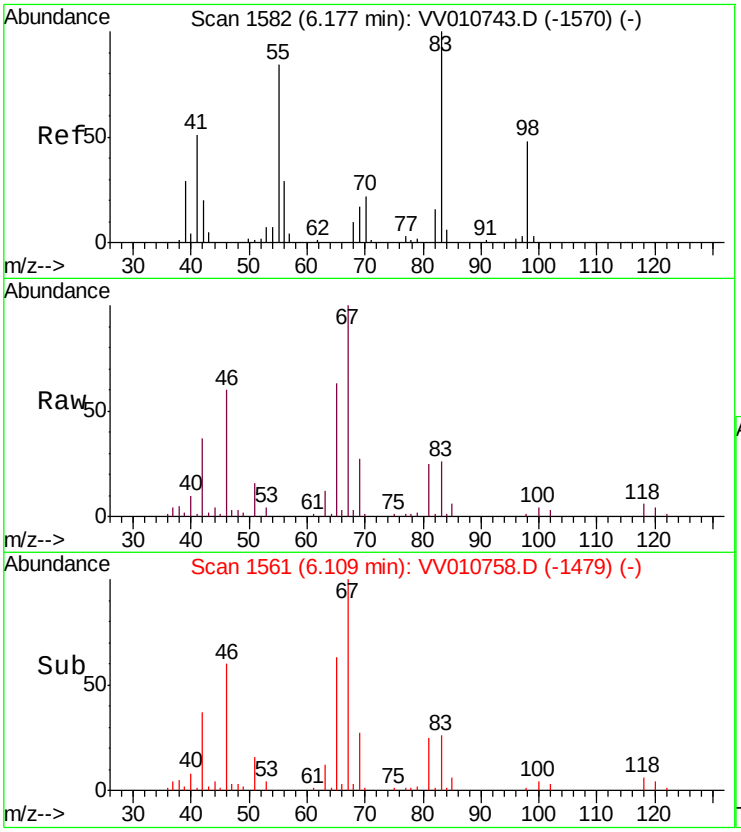


#35
Trichloroethene
Concen: 0.859 ug/L
RT: 5.65 min Scan# 1419
Delta R.T. -0.31 min
Lab File: VV010758.D
Acq: 09 May 2019 08:34

Tgt Ion: 95 Resp: 1262

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#



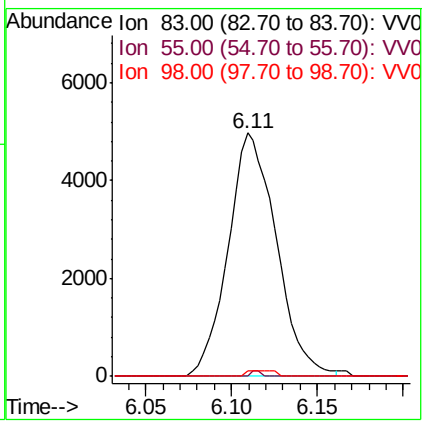


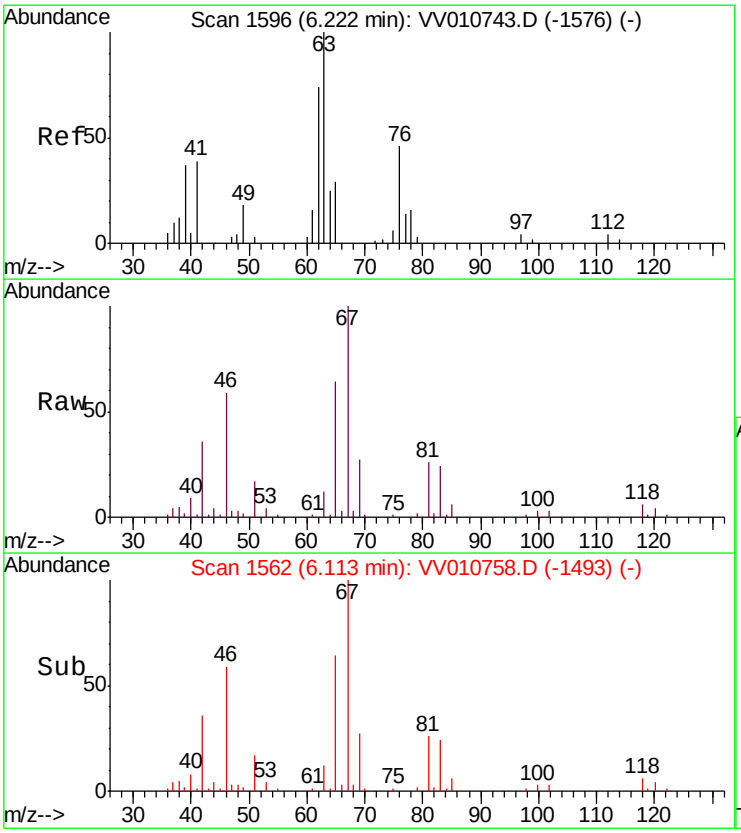
#36
Methylcyclohexane
Concen: 4.112 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.07 min
Lab File: VV010758.D
Acq: 09 May 2019 08:34

Instrument : MSVOA_V
ClientSampleId : BFHE7

Tgt Ion: 83 Resp: 9687

Ion	Ratio	Lower	Upper
83	100		
55	0.4	64.6	96.8#
98	1.4	37.7	56.5#

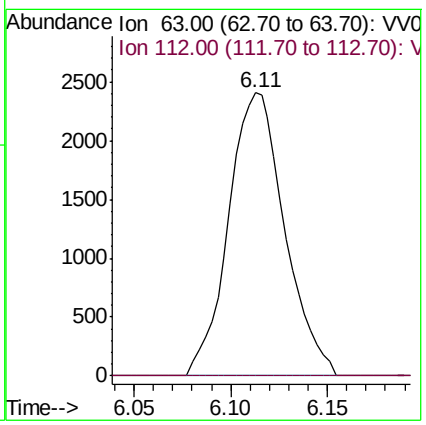


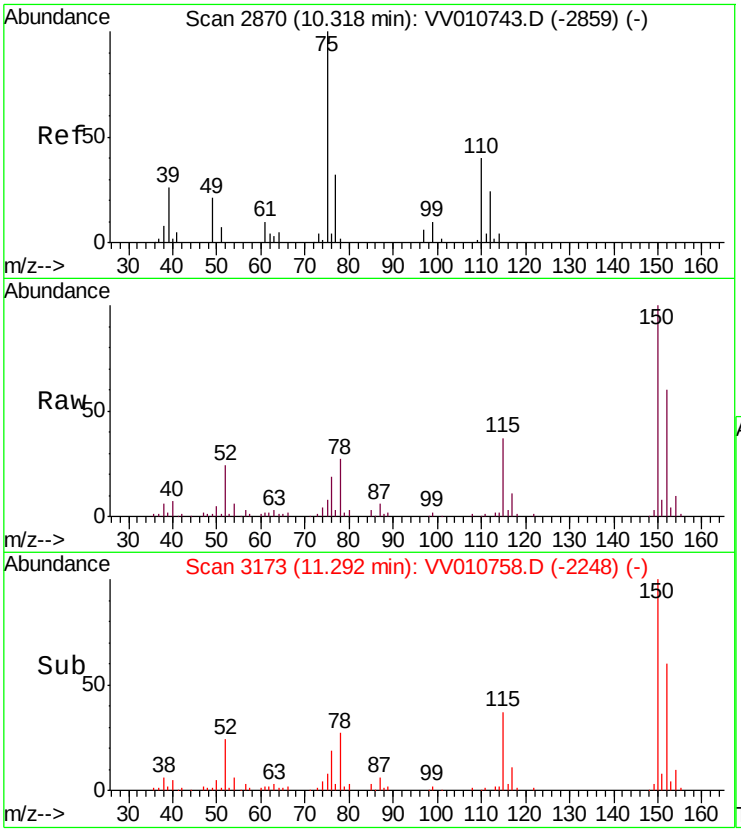


#40
1,2-Dichloropropane
Concen: 3.480 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010758.D
Acq: 09 May 2019 08:34

Tgt Ion: 63 Resp: 4857

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 3.590 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010758.D
Acq: 09 May 2019 08:34

Instrument :
MSVOA_V
ClientSampleId :
BFHE7

Tgt Ion: 75 Resp: 4210

Ion	Ratio	Lower	Upper
75	100		
77	35.6	25.0	37.6