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

Quantitation Report (Not Reviewed)

Data File : VV010769.D
Acq On : 09 May 2019 15:43
Operator : SY/MD
Sample : K2693-16
Misc : 6.38G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHE9

Quant Time: May 10 05:46:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88975	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	87366	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	36273	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	25748	18.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 74.52%			
7) Chloroethane-d5	1.57	69	24421	21.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.88%			
10) 1,1-Dichloroethene-d2	2.12	63	42009	14.01	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.04%			
20) 2-Butanone-d5	3.94	46	18380	44.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.62%			
24) Chloroform-d	4.40	84	54939	22.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.60%			
26) 1,2-Dichloroethane-d4	5.08	65	37607	24.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.28%			
29) Benzene-d6	5.10	84	106480	23.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.64%			
33) 1,2-Dichloropropane-d6	6.12	67	35884	24.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.96%			
37) Toluene-d8	7.36	98	96514	21.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.68%			
38) trans-1,3-Dichloropropene-	7.66	79	13772	20.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.48%			
39) 2-Hexanone-d5	8.13	63	13690	44.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.30%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31622	22.96	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	35335	25.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.60%			

Target Compounds						Qvalue
13) Acetone	2.19	43	1303	2.029	ug/L	95
16) Methylene chloride	2.53	84	2994	2.176	ug/L	86
25) Chloroform	4.43	83	2518	0.935	ug/L #	71
35) Trichloroethene	5.66	95	2761	1.922	ug/L #	7
36) Methylcyclohexane	6.11	83	8399	3.648	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	4263	3.125	ug/L #	87
42) cis-1,3-Dichloropropene	7.03	75	1188	0.551	ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	5465	4.769	ug/L #	87

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

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Quantitation Report (Not Reviewed)

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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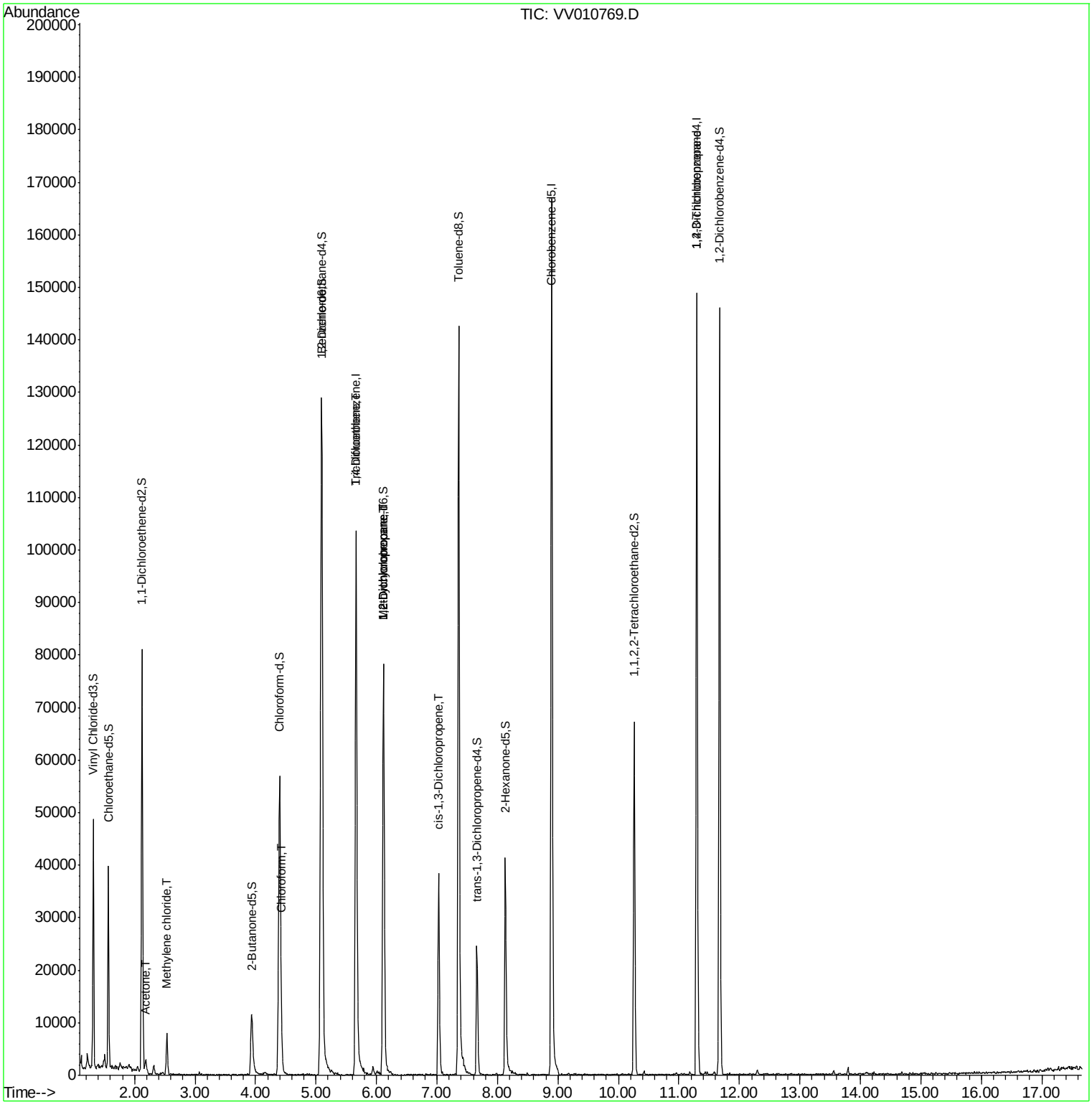
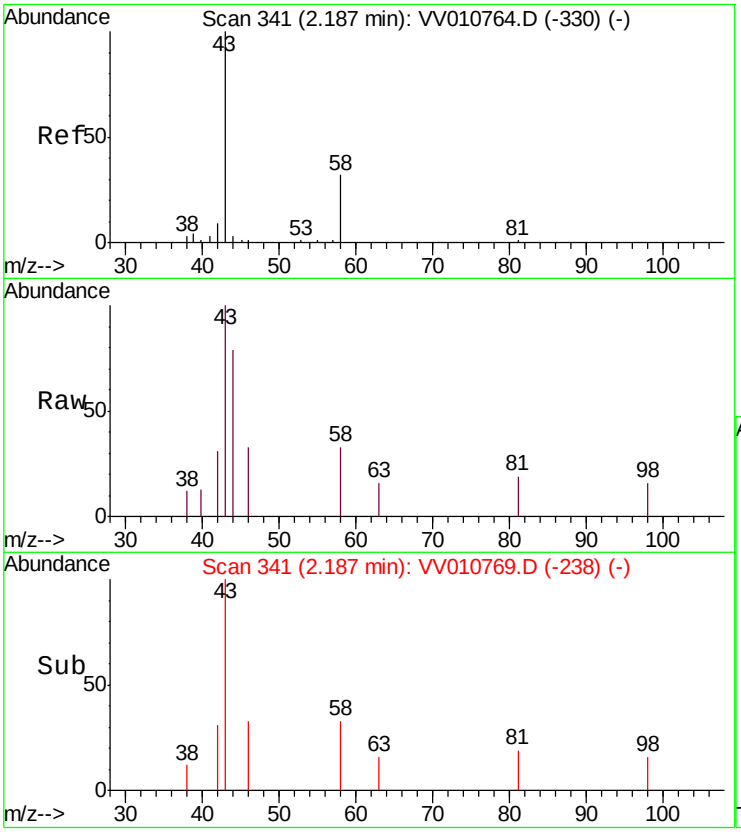
Quant Time: May 10 05:46:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 05:43:08 2019
Response via : Initial Calibration



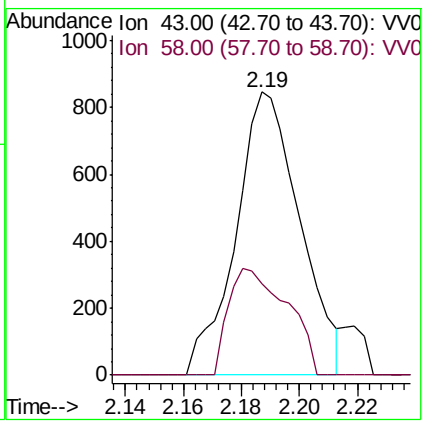


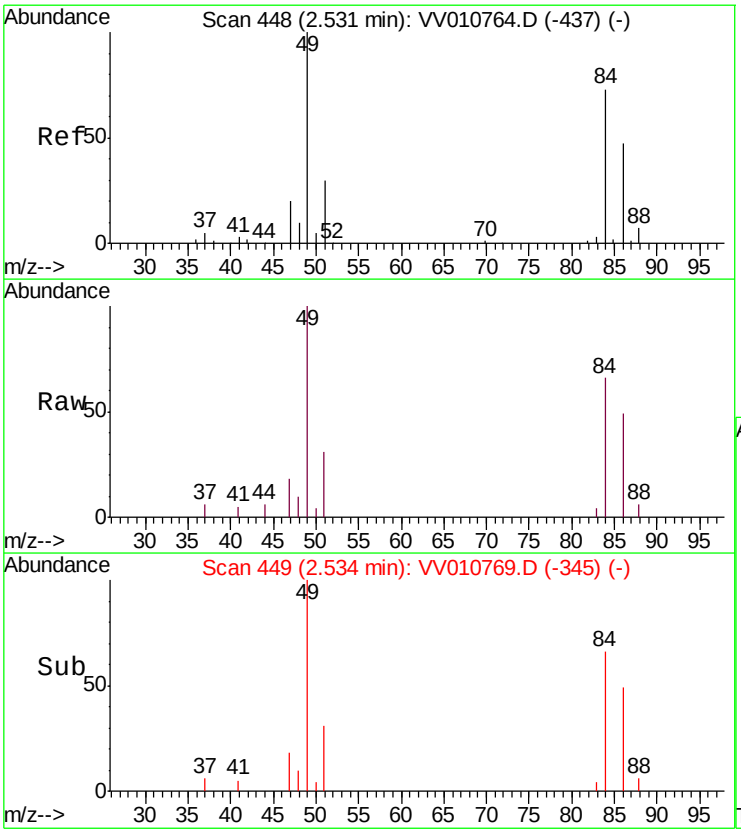
#13
Acetone
Concen: 2.029 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Instrument :
MSVOA_V
ClientSampleId :
BFHE9

Tgt Ion: 43 Resp: 1303

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	63.4

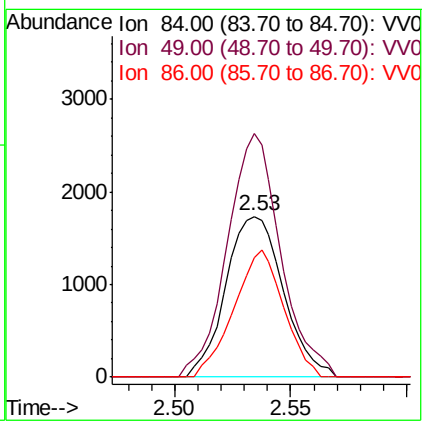


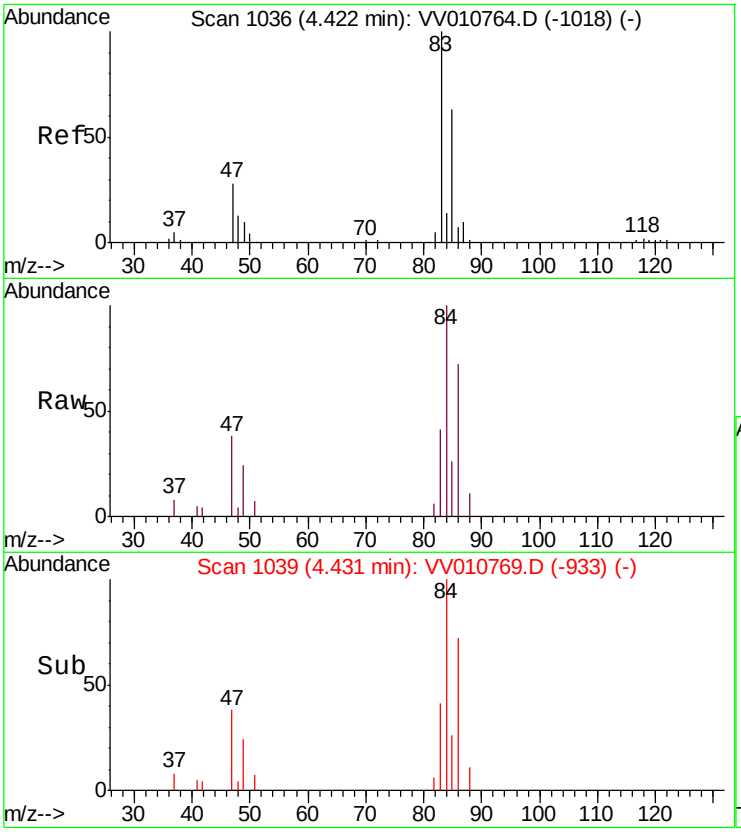


#16
Methylene chloride
Concen: 2.176 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Tgt Ion: 84 Resp: 2994

Ion	Ratio	Lower	Upper
84	100		
49	151.4	92.9	172.5
86	74.0	46.5	86.5



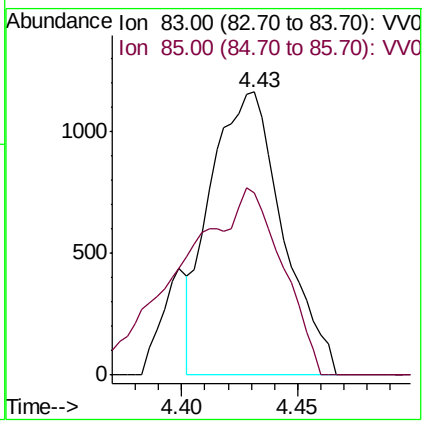


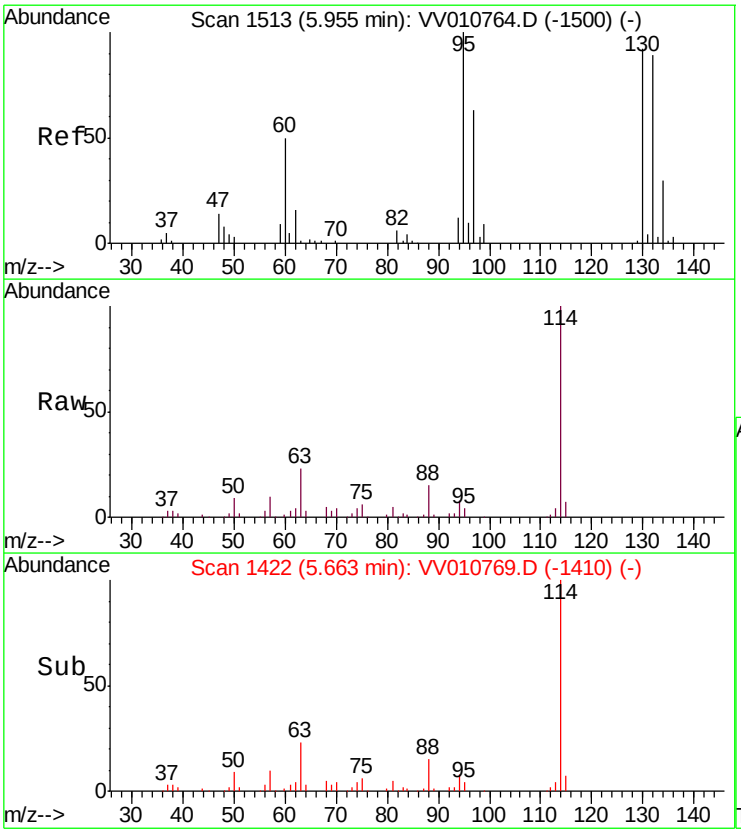
#25
Chloroform
Concen: 0.935 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Instrument :
MSVOA_V
ClientSampleId :
BFHE9

Tgt Ion: 83 Resp: 2518

Ion	Ratio	Lower	Upper
83	100		
85	41.3	44.6	82.8#

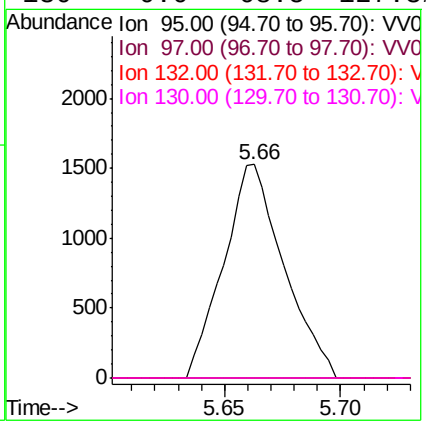


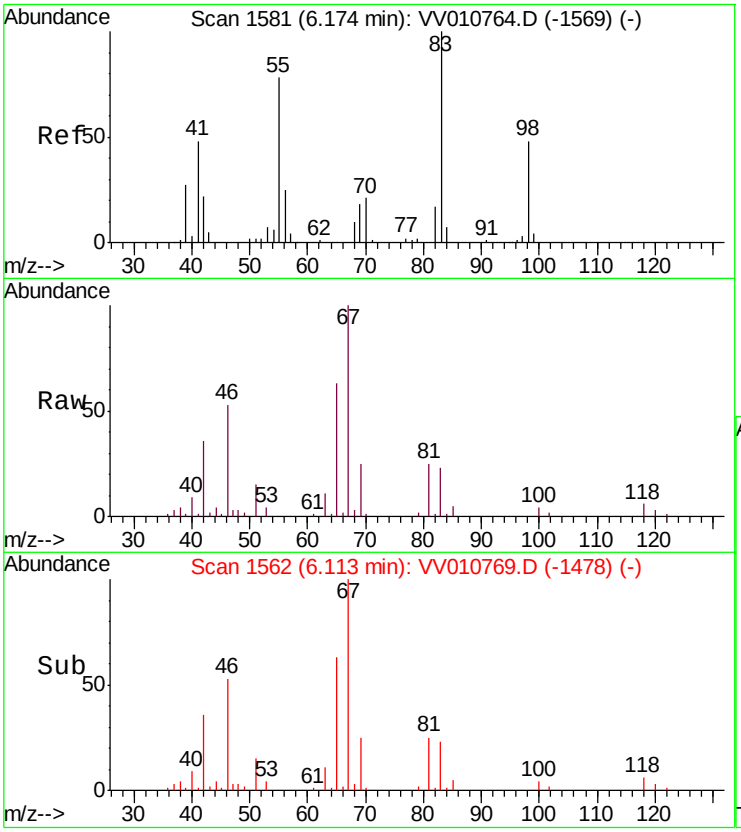


#35
Trichloroethene
Concen: 1.922 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.29 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Tgt Ion: 95 Resp: 2761

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#



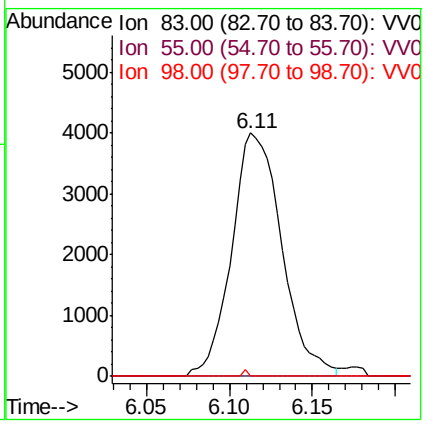


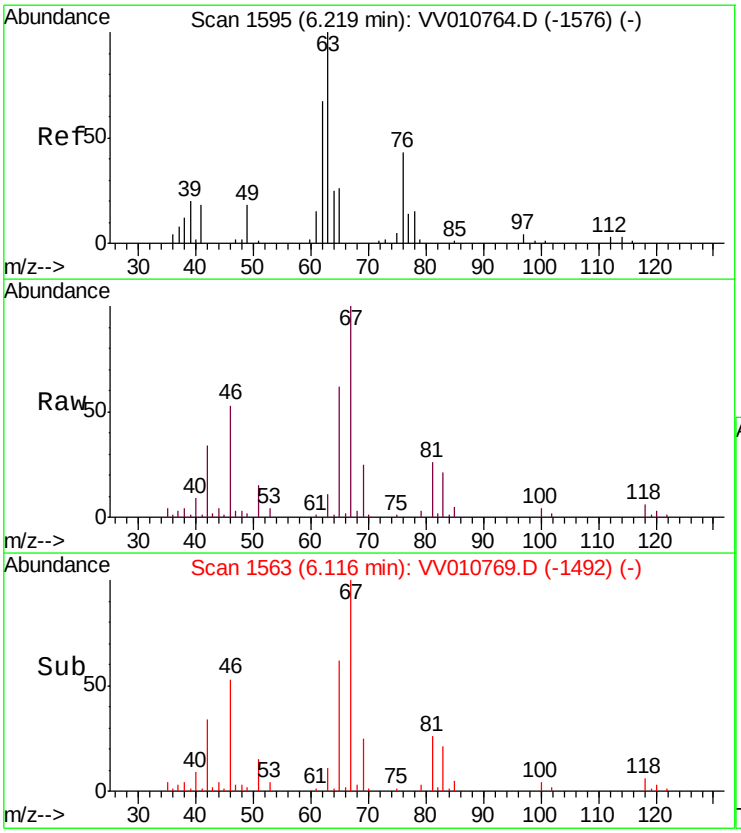
#36
Methylcyclohexane
Concen: 3.648 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Instrument :
MSVOA_V
ClientSampleId :
BFHE9

Tgt Ion: 83 Resp: 8399

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	1.6	37.7	56.5#

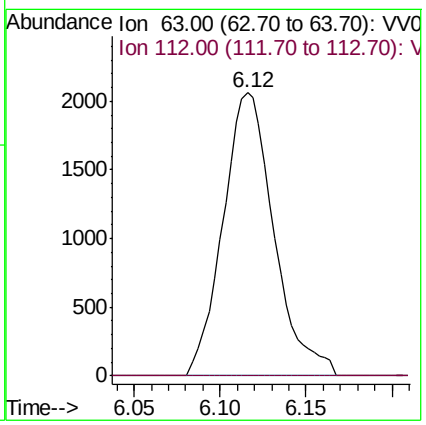


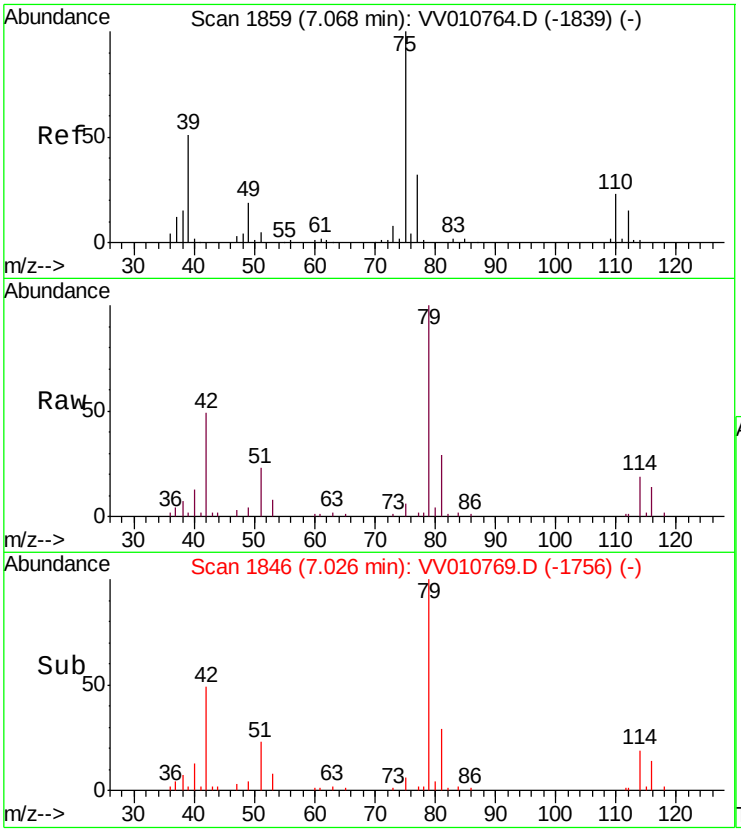


#40
1,2-Dichloropropane
Concen: 3.125 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Tgt Ion: 63 Resp: 4263

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



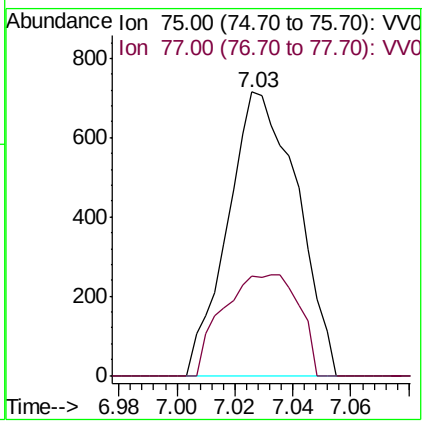


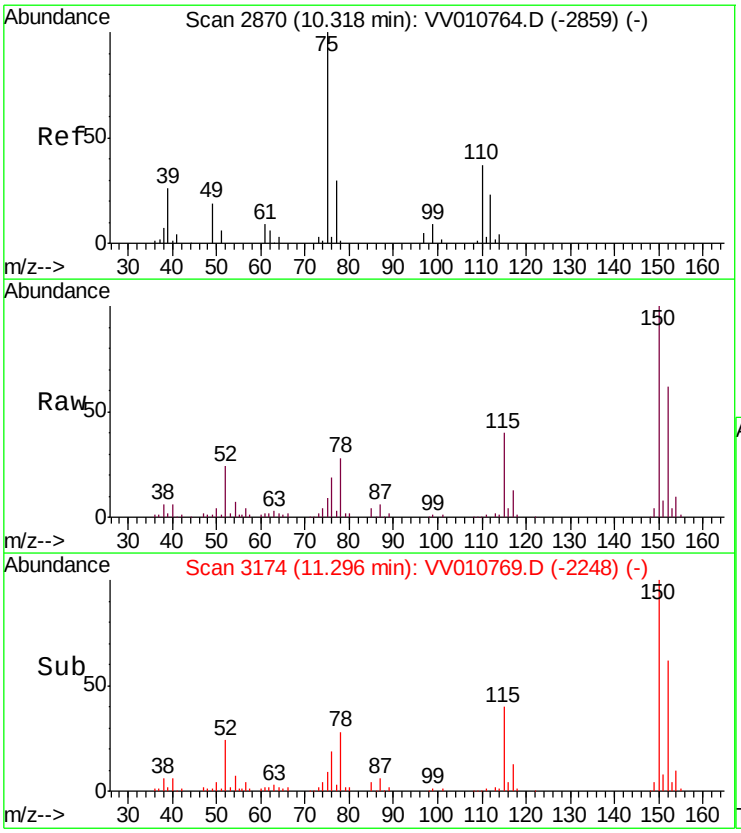
#42
cis-1,3-Dichloropropene
Concen: 0.551 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Instrument :
MSVOA_V
ClientSampleId :
BFHE9

Tgt Ion: 75 Resp: 1188

Ion	Ratio	Lower	Upper
75	100		
77	35.2	22.3	41.3





#59
1,2,3-Trichloropropane
Concen: 4.769 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010769.D
Acq: 09 May 2019 15:43

Tgt Ion: 75 Resp: 5465

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.0	37.6#