Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

Quantitation Report (Not Reviewed)

Data File : VV009064.D
Acq On : 19 Dec 2018 22:43
Operator : SY/MD
Sample : J6471-04
Misc : 6.10G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H13

Quant Time: Dec 20 03:49:26 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	235881	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229462	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87146	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	46273	18.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 75.84%			
7) Chloroethane-d5	1.58	69	48951	27.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 108.56%			
10) 1,1-Dichloroethene-d2	2.13	63	91658	15.02	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.08%			
20) 2-Butanone-d5	3.94	46	37156	41.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.62%			
24) Chloroform-d	4.40	84	120141	21.19	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.76%			
26) 1,2-Dichloroethane-d4	5.08	65	73477	23.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.96%			
29) Benzene-d6	5.10	84	240000	18.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 74.92%			
33) 1,2-Dichloropropane-d6	6.12	67	72706	20.26	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 81.04%			
37) Toluene-d8	7.36	98	216606	18.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.04%			
38) trans-1,3-Dichloropropene-	7.66	79	30519	19.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.44%			
39) 2-Hexanone-d5	8.14	63	21123	32.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.28%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	55257	18.36	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 73.44%			
61) 1,2-Dichlorobenzene-d4	11.68	152	69444	21.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.92%			

Target Compounds						Qvalue
13) Acetone	2.21	43	5040	3.849	ug/L	92
16) Methylene chloride	2.54	84	7525	1.894	ug/L	94
25) Chloroform	4.42	83	2759	0.483	ug/L #	17
36) Methylcyclohexane	6.12	83	18470	2.794	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	7950	2.409	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2257	0.467	ug/L #	73
49) 2-Hexanone	8.19	43	3315	1.797	ug/L #	94

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

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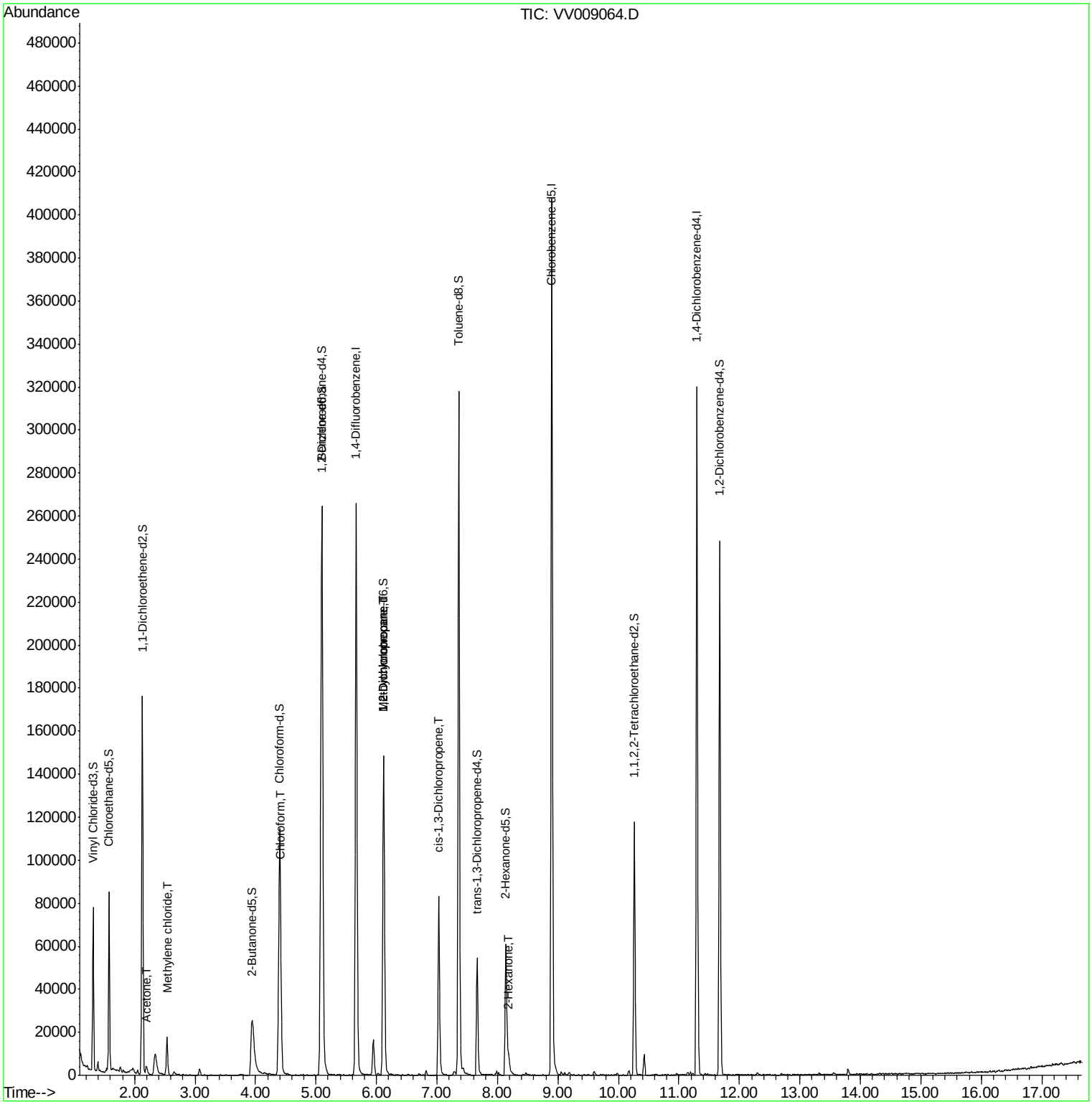
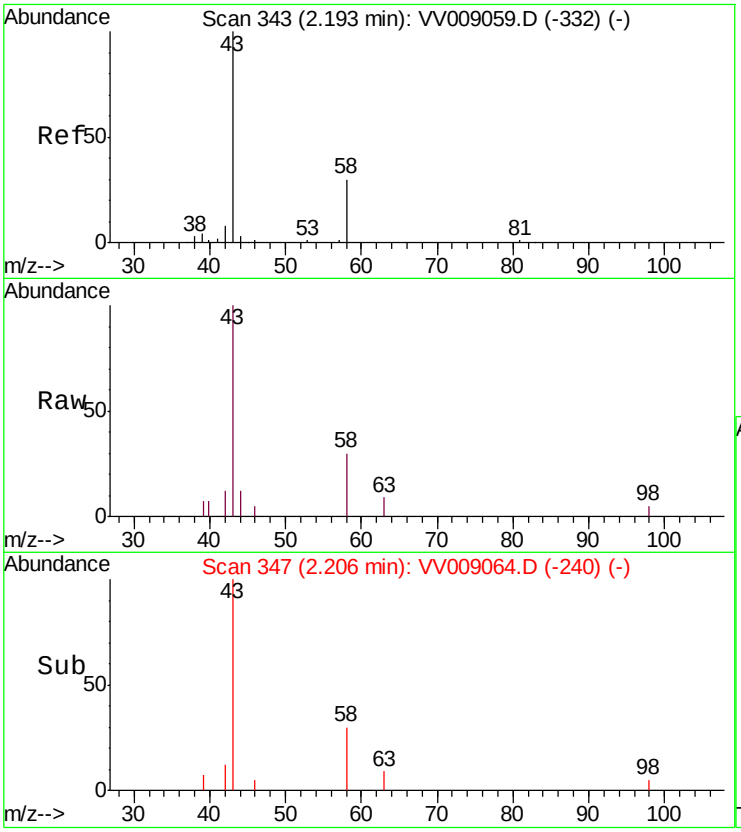
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration



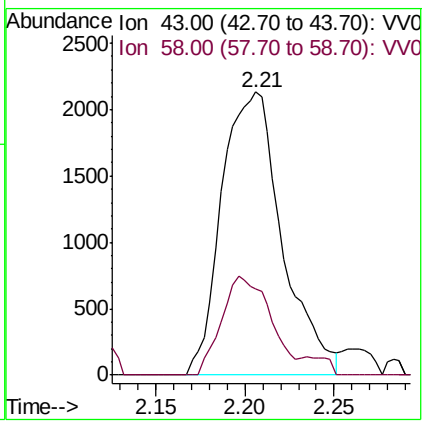


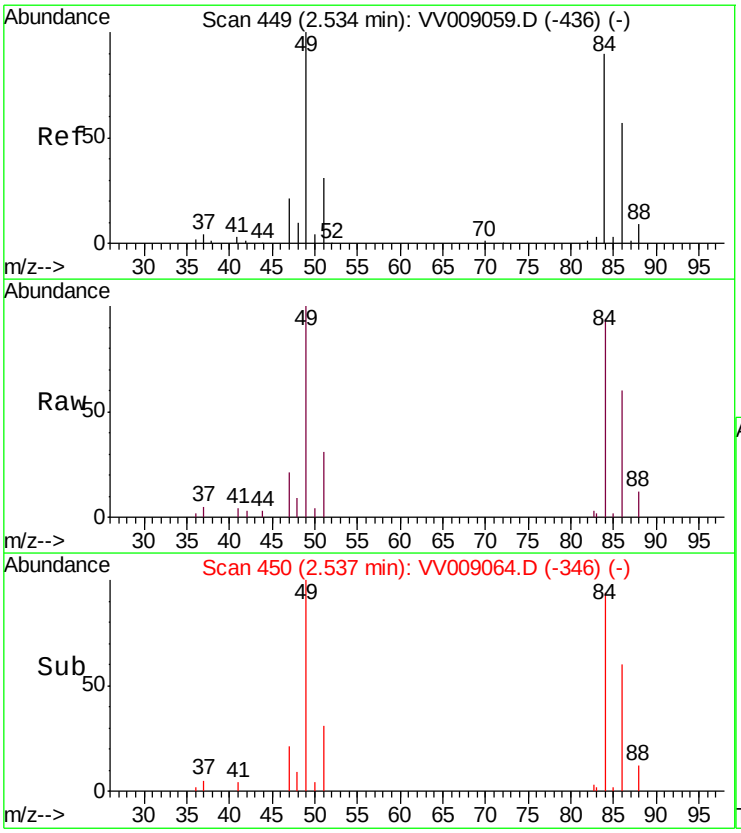
#13
Acetone
Concen: 3.849 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV009064.D
Acq: 19 Dec 2018 22:43

Instrument :
MSVOA_V
ClientSampleId :
F9H13

Tgt Ion: 43 Resp: 5040

Ion	Ratio	Lower	Upper
43	100		
58	28.2	0.0	65.4

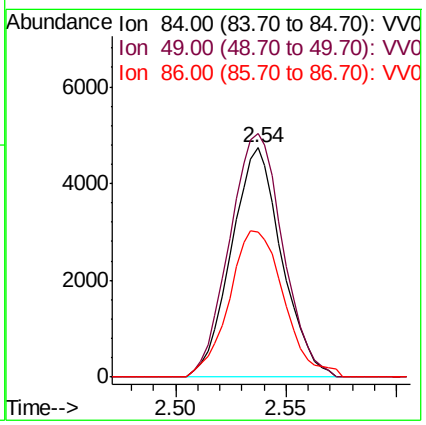


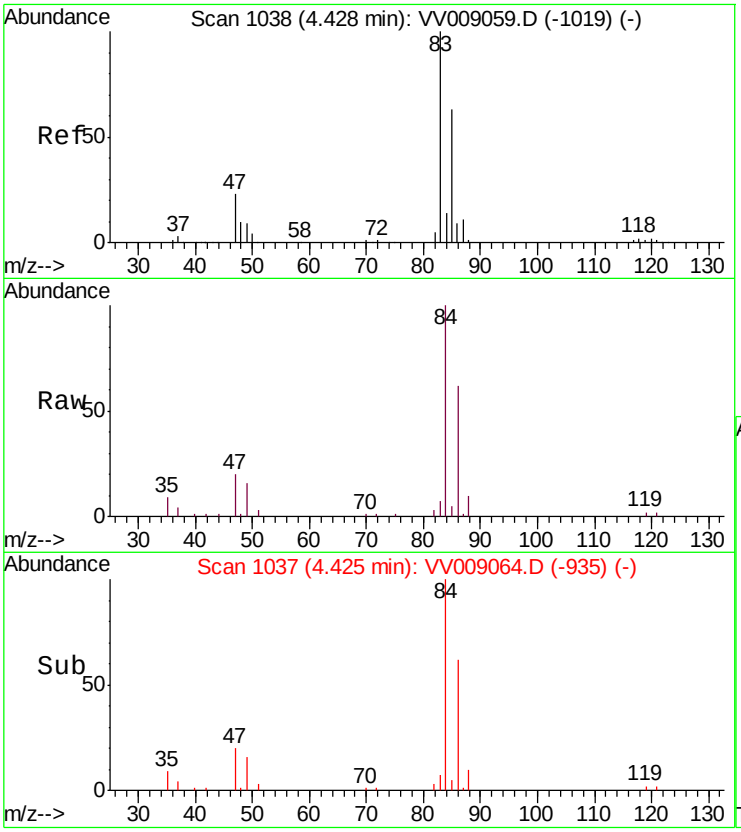


#16
Methylene chloride
Concen: 1.894 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009064.D
Acq: 19 Dec 2018 22:43

Tgt Ion: 84 Resp: 7525

Ion	Ratio	Lower	Upper
84	100		
49	106.3	80.5	149.5
86	63.5	45.5	84.5



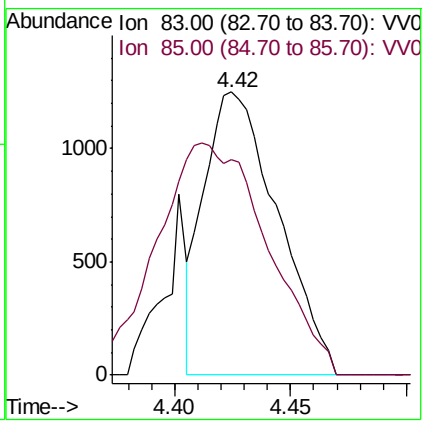


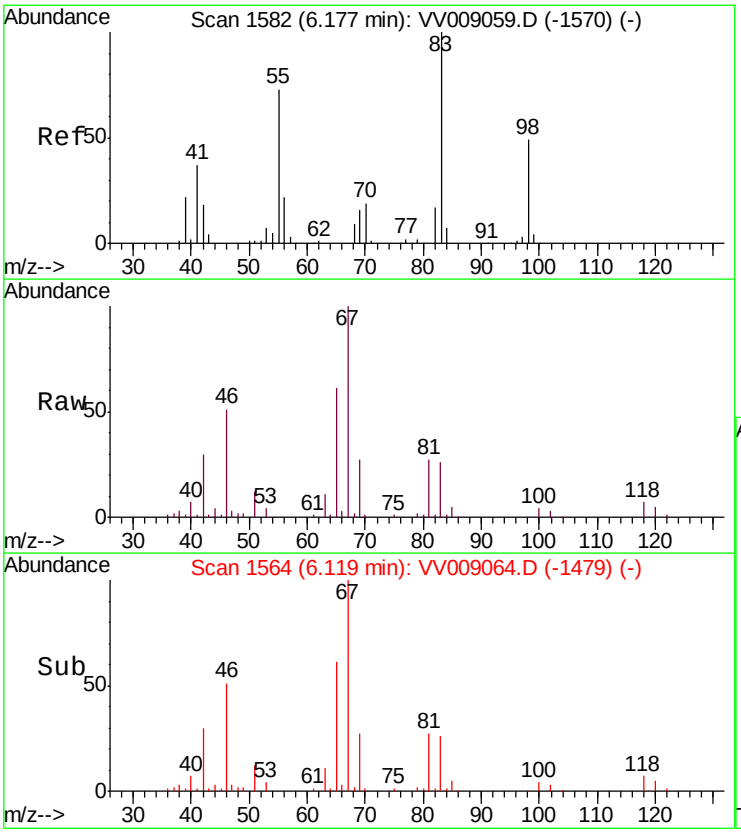
#25
Chloroform
Concen: 0.483 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV009064.D
Acq: 19 Dec 2018 22:43

Instrument : MSVOA_V
ClientSampleId : F9H13

Tgt Ion: 83 Resp: 2759

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.6	84.8#

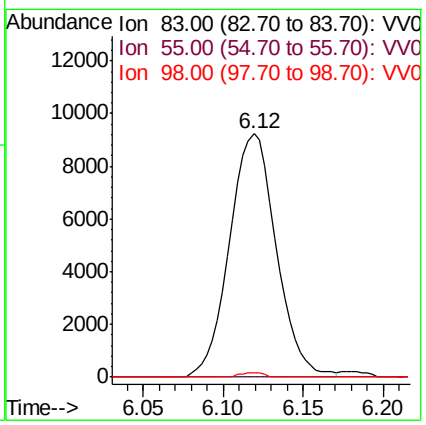


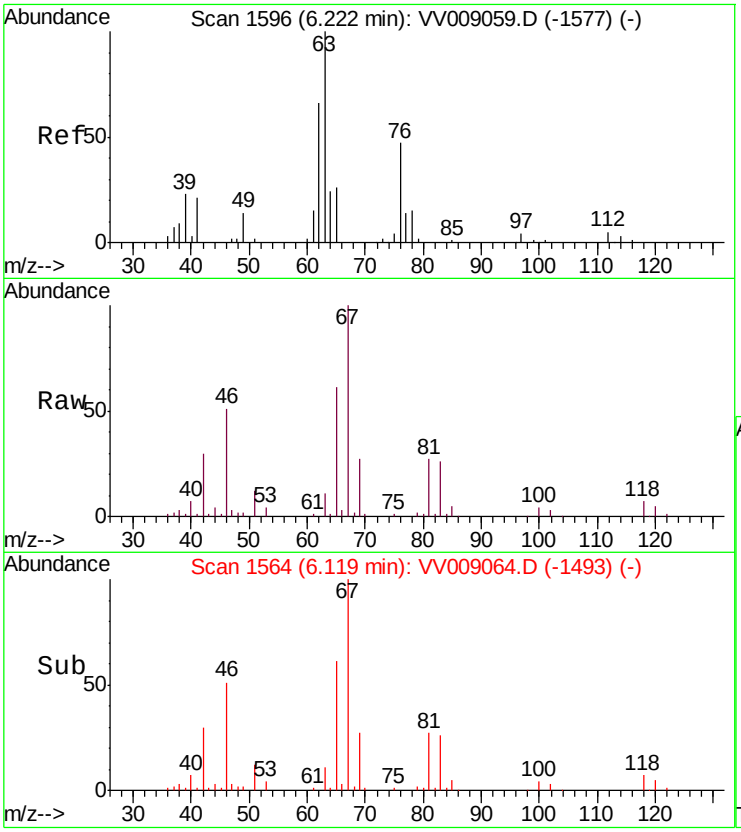


#36
Methylcyclohexane
Concen: 2.794 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009064.D
Acq: 19 Dec 2018 22:43

Tgt Ion: 83 Resp: 18470

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.2	87.2#
98	0.8	37.8	56.8#



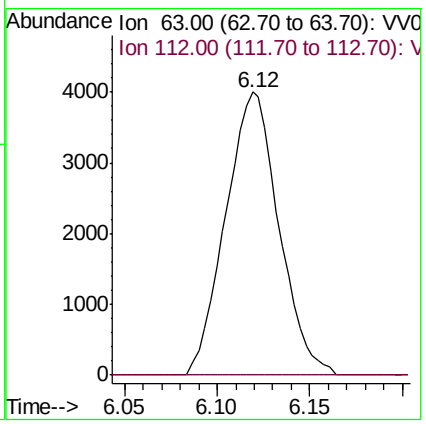


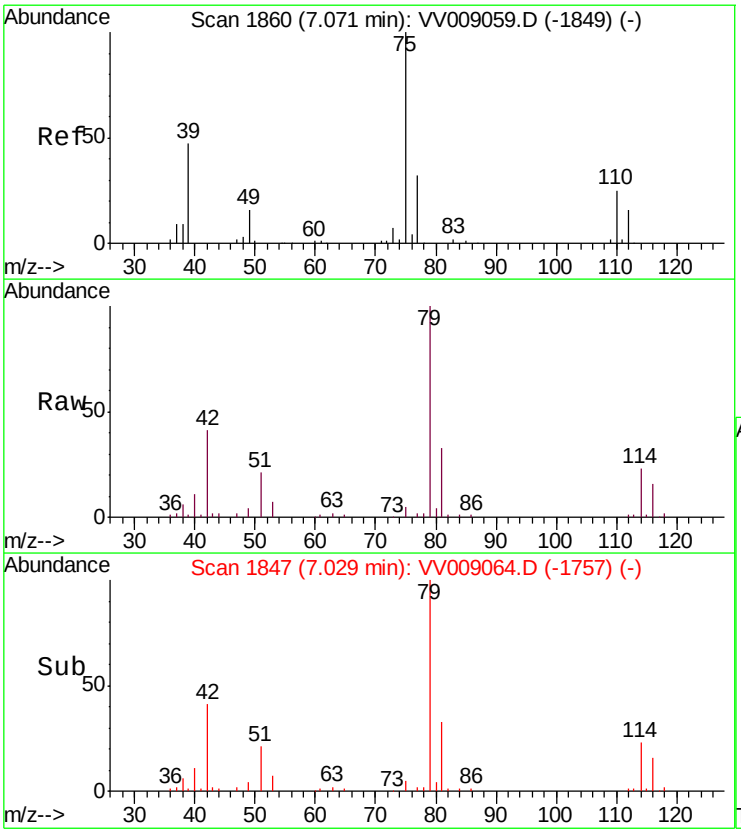
#40
1,2-Dichloropropane
Concen: 2.409 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009064.D
Acq: 19 Dec 2018 22:43

Instrument :
MSVOA_V
ClientSampleId :
F9H13

Tgt Ion: 63 Resp: 7950

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

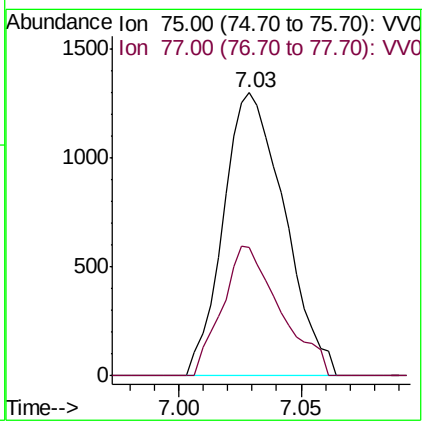


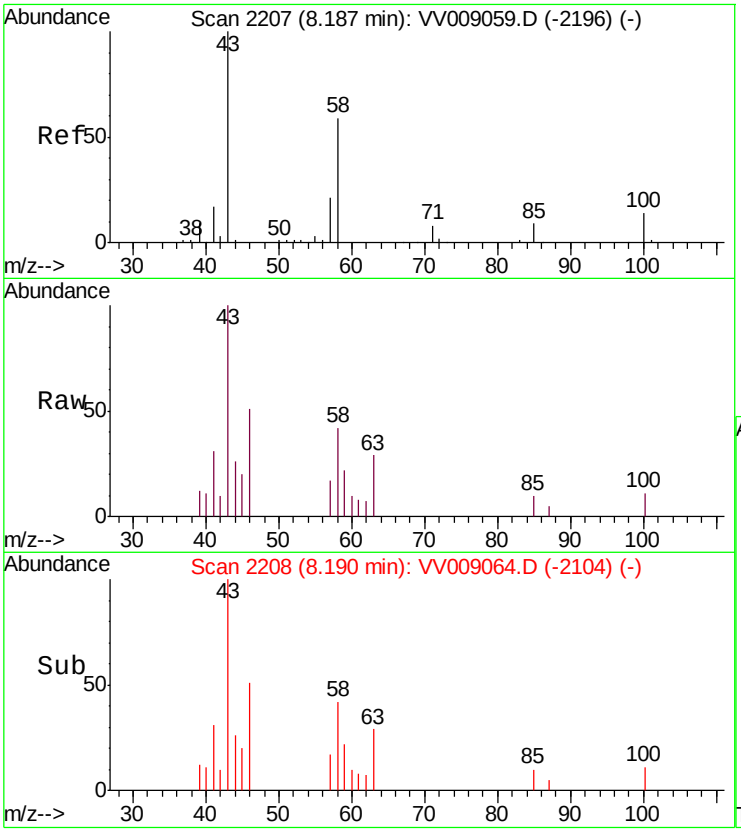


#42
cis-1,3-Dichloropropene
Concen: 0.467 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009064.D
Acq: 19 Dec 2018 22:43

Tgt Ion: 75 Resp: 2257

Ion	Ratio	Lower	Upper
75	100		
77	45.5	21.3	39.6#





#49
2-Hexanone
Concen: 1.797 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009064.D
Acq: 19 Dec 2018 22:43

Instrument :
MSVOA_V
ClientSampleId :
F9H13

Tgt Ion: 43 Resp: 3315

Ion	Ratio	Lower	Upper
43	100		
58	59.9	43.9	65.9
57	18.5	15.7	23.5
100	10.0	11.0	16.4#