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

Quantitation Report (Not Reviewed)

Data File : VV009065.D
Acq On : 19 Dec 2018 23:08
Operator : SY/MD
Sample : J6471-05
Misc : 5.86G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H15

Quant Time: Dec 20 03:49:36 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	212759	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	189508	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	71687	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	45080	20.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.92%			
7) Chloroethane-d5	1.58	69	51132	31.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 125.76%			
10) 1,1-Dichloroethene-d2	2.13	63	90292	16.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.60%			
20) 2-Butanone-d5	3.94	46	26074	32.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 65.06%			
24) Chloroform-d	4.40	84	127696	24.97	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.88%			
26) 1,2-Dichloroethane-d4	5.08	65	75830	27.17	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 108.68%			
29) Benzene-d6	5.10	84	252564	23.86	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 95.44%			
33) 1,2-Dichloropropane-d6	6.12	67	78349	26.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.76%			
37) Toluene-d8	7.36	98	219755	22.44	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.76%			
38) trans-1,3-Dichloropropene-	7.67	79	31253	24.01	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.04%			
39) 2-Hexanone-d5	8.14	63	15687	28.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 57.80%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50824	20.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 81.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	64758	24.07	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.28%			
Target Compounds						Qvalue
13) Acetone	2.20	43	2325	1.969	ug/L	97
16) Methylene chloride	2.54	84	8089	2.258	ug/L	98
25) Chloroform	4.43	83	3758	0.729	ug/L	97
36) Methylcyclohexane	6.12	83	19575	3.586	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	8910	3.270	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2396	0.601	ug/L #	76
49) 2-Hexanone	8.18	43	5379	3.530	ug/L #	63

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

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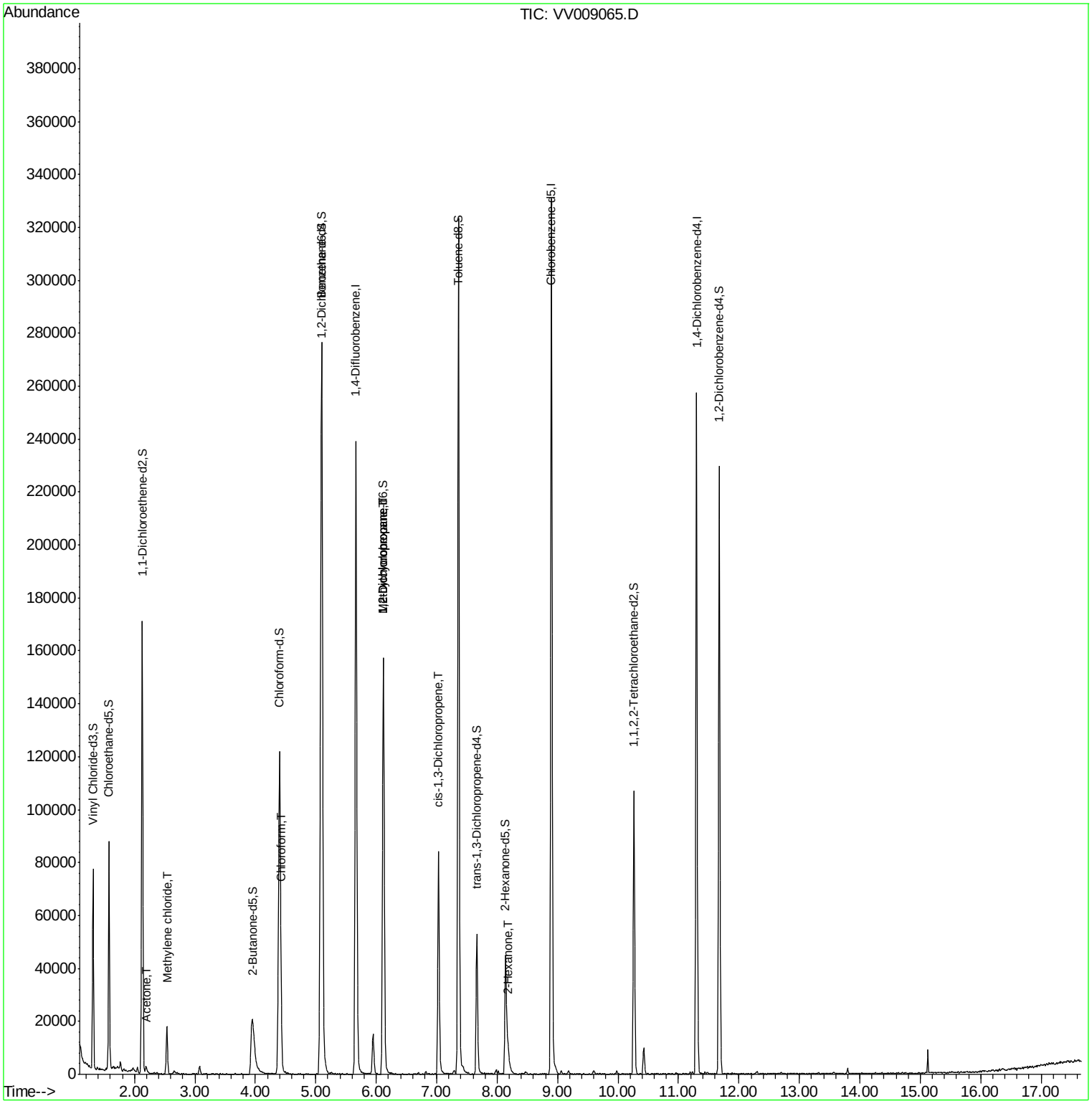
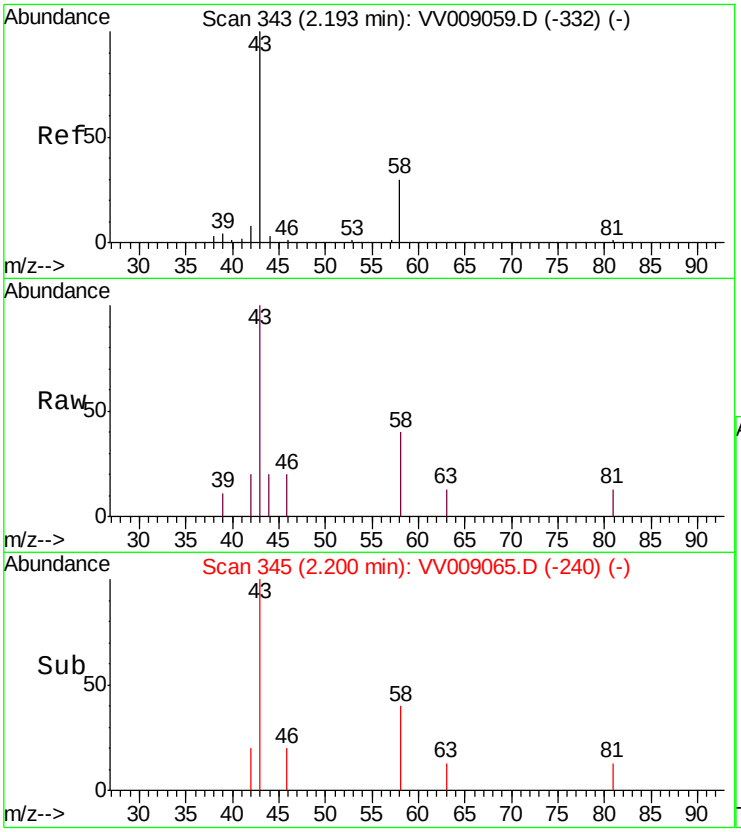


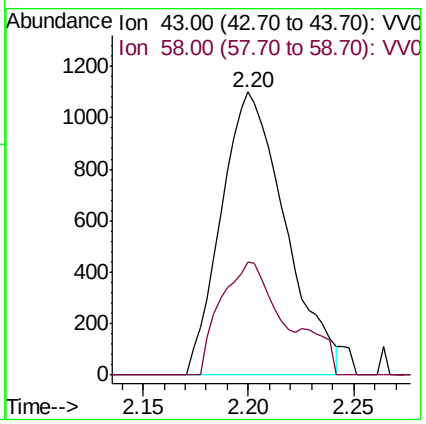


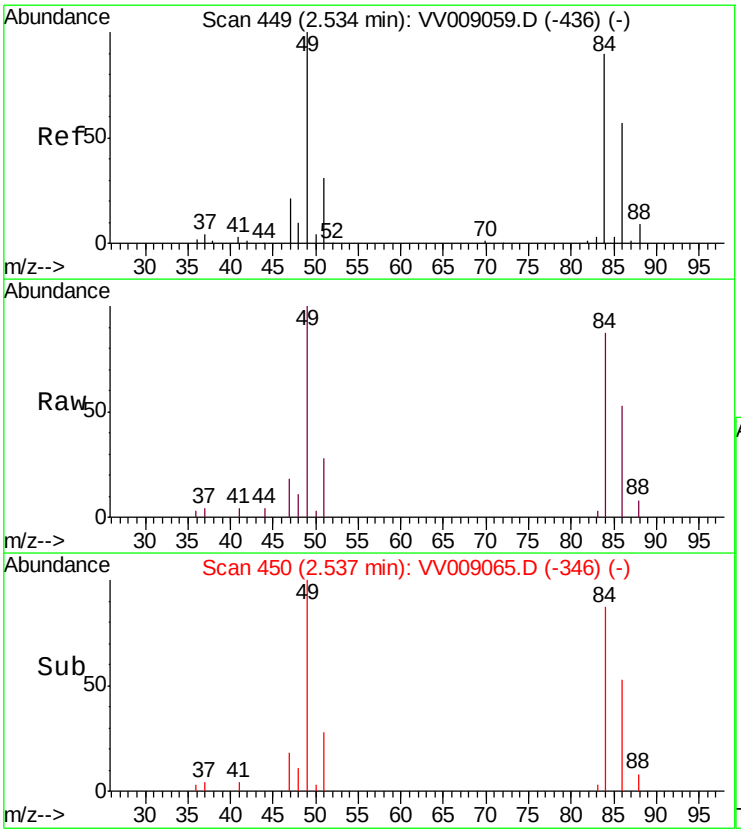
#13
Acetone
Concen: 1.969 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Instrument : MSVOA_V
ClientSampleId : F9H15

Tgt Ion: 43 Resp: 2325

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	65.4

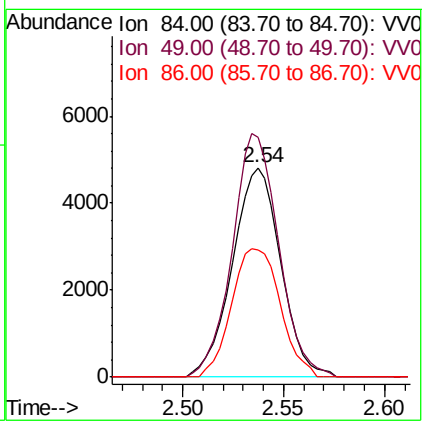


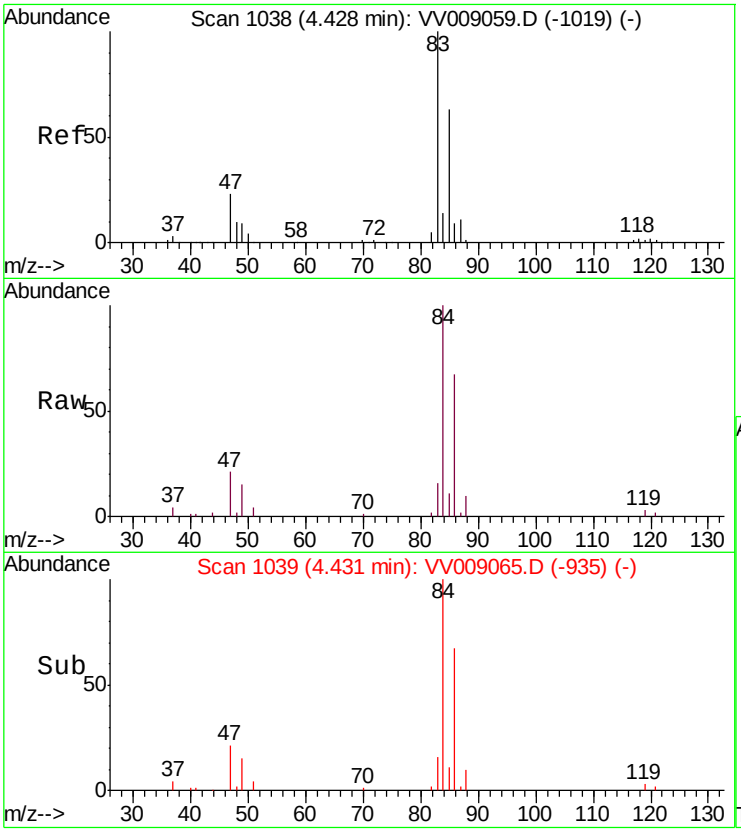


#16
Methylene chloride
Concen: 2.258 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Tgt Ion: 84 Resp: 8089

Ion	Ratio	Lower	Upper
84	100		
49	114.7	80.5	149.5
86	60.9	45.5	84.5



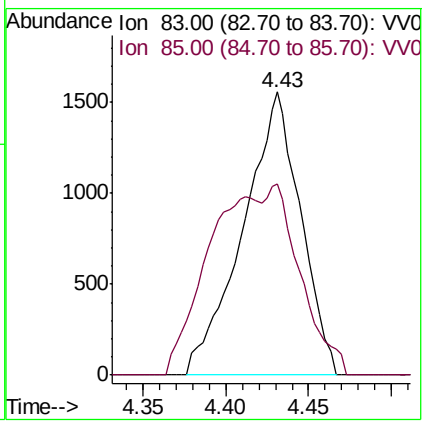


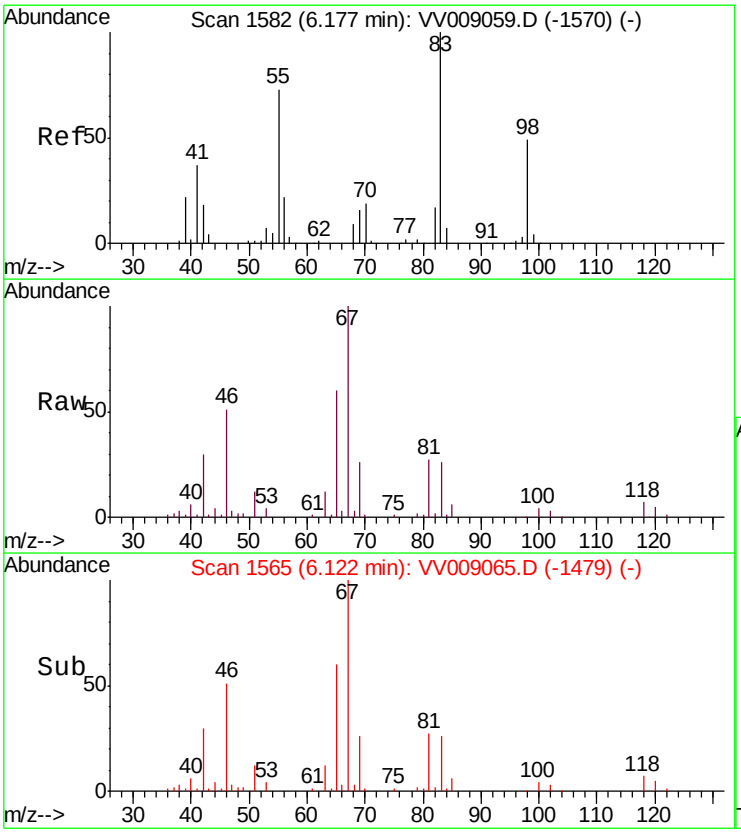
#25
Chloroform
Concen: 0.729 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Instrument :
MSVOA_V
ClientSampleId :
F9H15

Tgt Ion: 83 Resp: 3758

Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.6	84.8

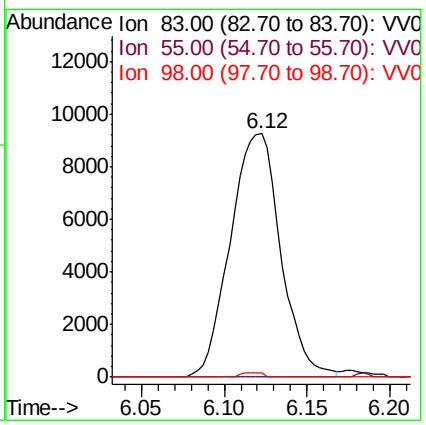


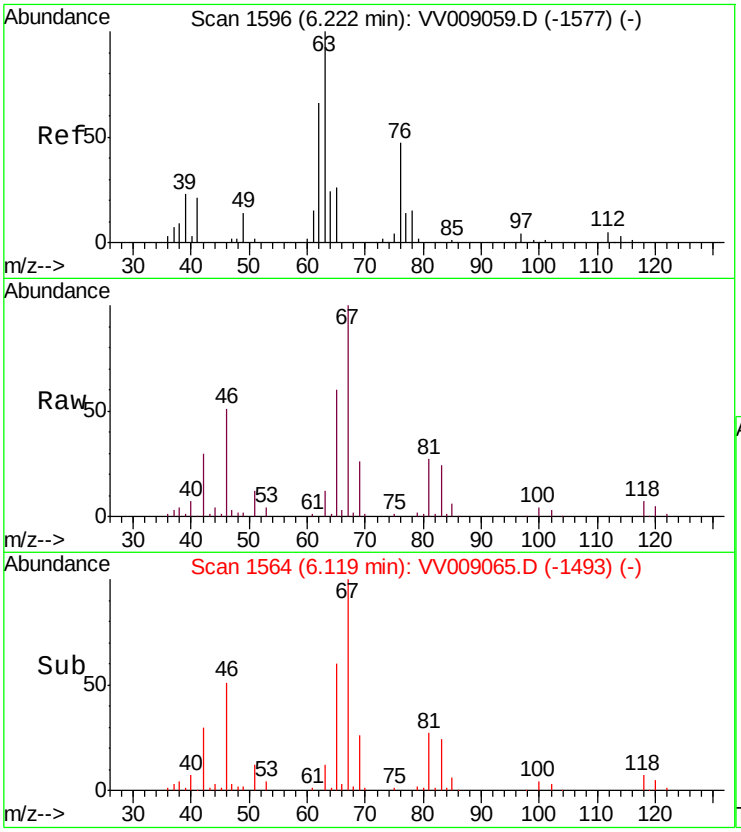


#36
Methylcyclohexane
Concen: 3.586 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Tgt Ion: 83 Resp: 19575

Ion	Ratio	Lower	Upper
83	100		
55	0.4	58.2	87.2#
98	0.7	37.8	56.8#



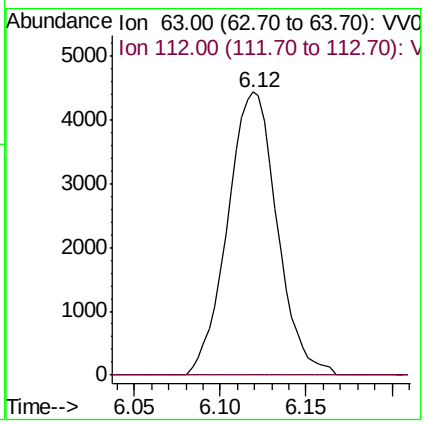


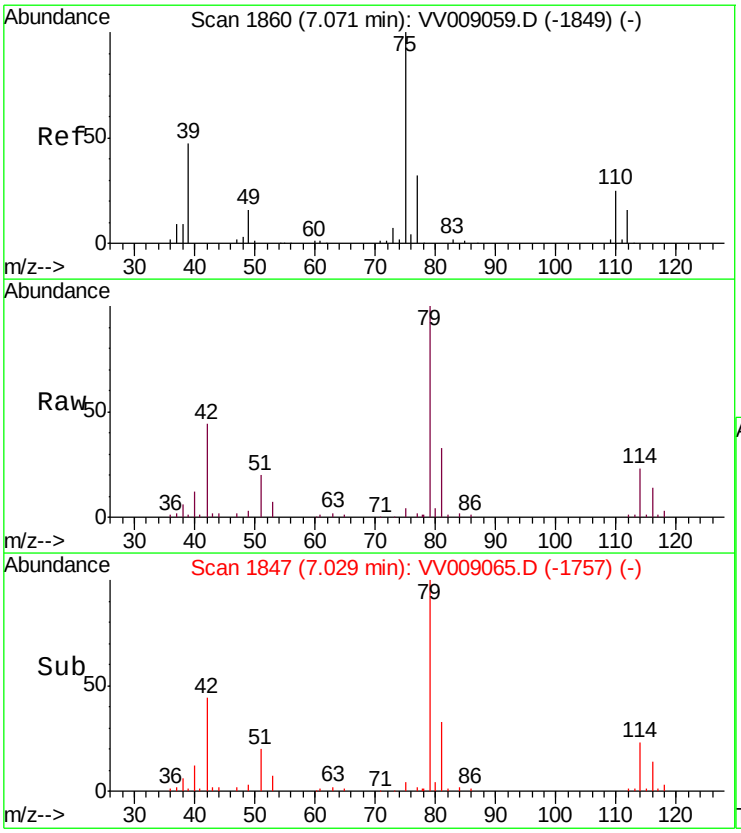
#40
1,2-Dichloropropane
Concen: 3.270 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Instrument : MSVOA_V
ClientSampleId : F9H15

Tgt Ion: 63 Resp: 8910

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

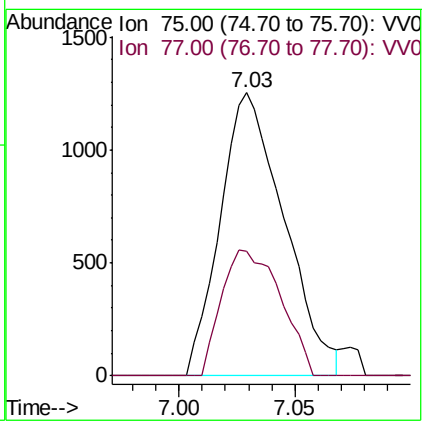


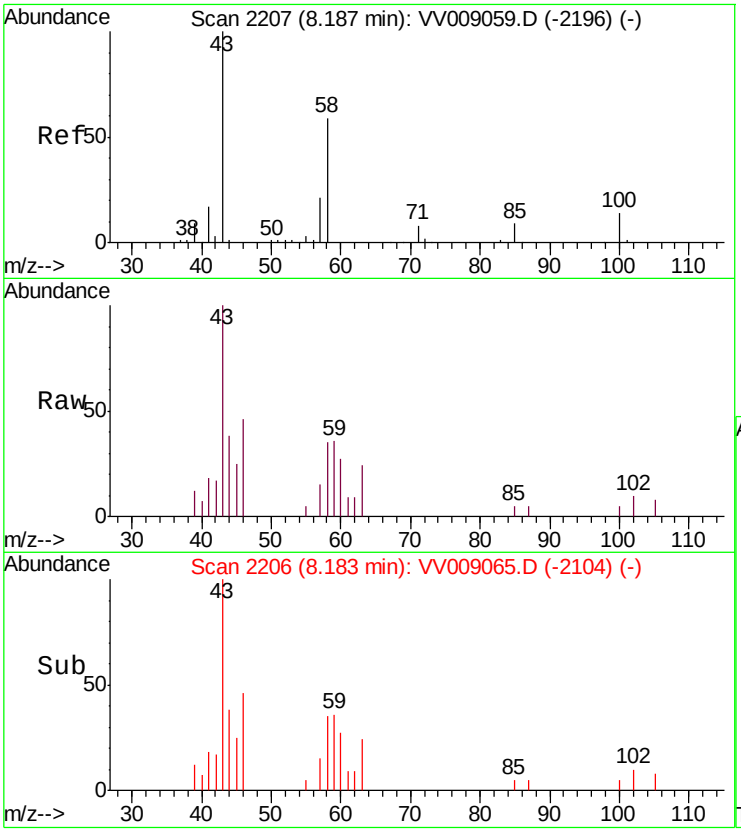


#42
cis-1,3-Dichloropropene
Concen: 0.601 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Tgt Ion: 75 Resp: 2396

Ion	Ratio	Lower	Upper
75	100		
77	43.8	21.3	39.6#





#49
2-Hexanone
Concen: 3.530 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV009065.D
Acq: 19 Dec 2018 23:08

Instrument :
MSVOA_V
ClientSampleId :
F9H15

Tgt Ion: 43 Resp: 5379

Ion	Ratio	Lower	Upper
43	100		
58	27.0	43.9	65.9#
57	0.0	15.7	23.5#
100	3.7	11.0	16.4#