Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\

Quantitation Report (Not Reviewed)

Data File : VV009084.D
Acq On : 20 Dec 2018 14:57
Operator : SY/MD
Sample : J6468-11
Misc : 3.45 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG9

Quant Time: Dec 21 00:29:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	245197	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	216094	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78347	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	50868	20.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.20%			
7) Chloroethane-d5	1.58	69	54731	29.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 116.80%			
10) 1,1-Dichloroethene-d2	2.13	63	97051	15.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.20%			
20) 2-Butanone-d5	3.94	46	33579	36.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.70%			
24) Chloroform-d	4.40	84	147590	25.04	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.16%			
26) 1,2-Dichloroethane-d4	5.08	65	86210	26.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.20%			
29) Benzene-d6	5.10	84	290553	24.07	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.28%			
33) 1,2-Dichloropropane-d6	6.12	67	88144	26.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 104.36%			
37) Toluene-d8	7.36	98	260018	23.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.12%			
38) trans-1,3-Dichloropropene-	7.66	79	33925	22.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.40%			
39) 2-Hexanone-d5	8.14	63	19343	31.25	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.50%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60027	21.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 84.72%			
61) 1,2-Dichlorobenzene-d4	11.68	152	76804	26.12	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.48%			

Target Compounds						Qvalue
13) Acetone	2.20	43	3142	2.308	ug/L	85
16) Methylene chloride	2.53	84	8822	2.137	ug/L	100
25) Chloroform	4.43	83	4375	0.736	ug/L	93
35) Trichloroethene	5.96	95	4191	1.074	ug/L	97
40) 1,2-Dichloropropane	6.12	63	9737	3.134	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2631	0.578	ug/L #	43
49) 2-Hexanone	8.19	43	4905	2.823	ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	8382	3.461	ug/L	90

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

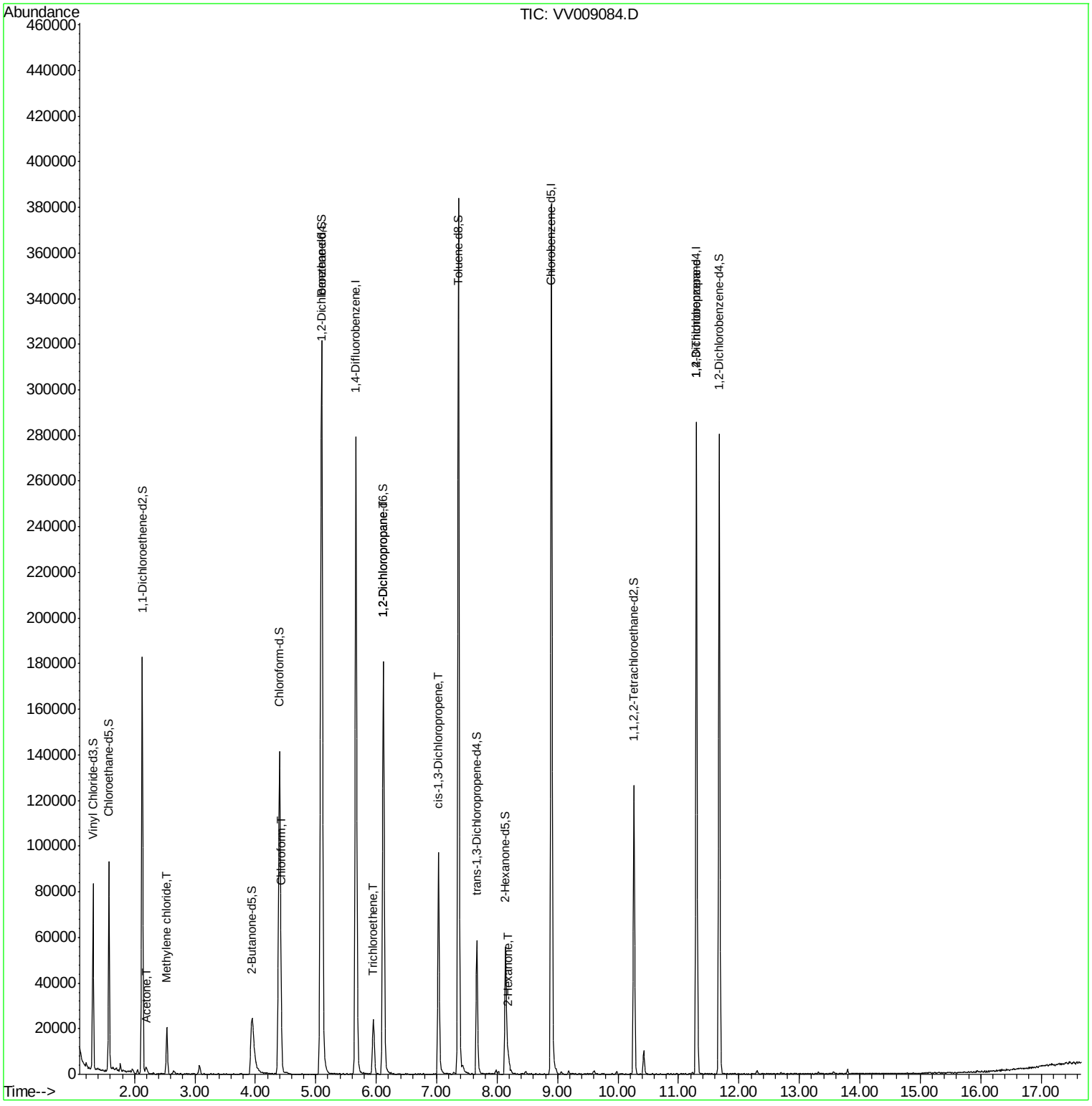
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV122018\

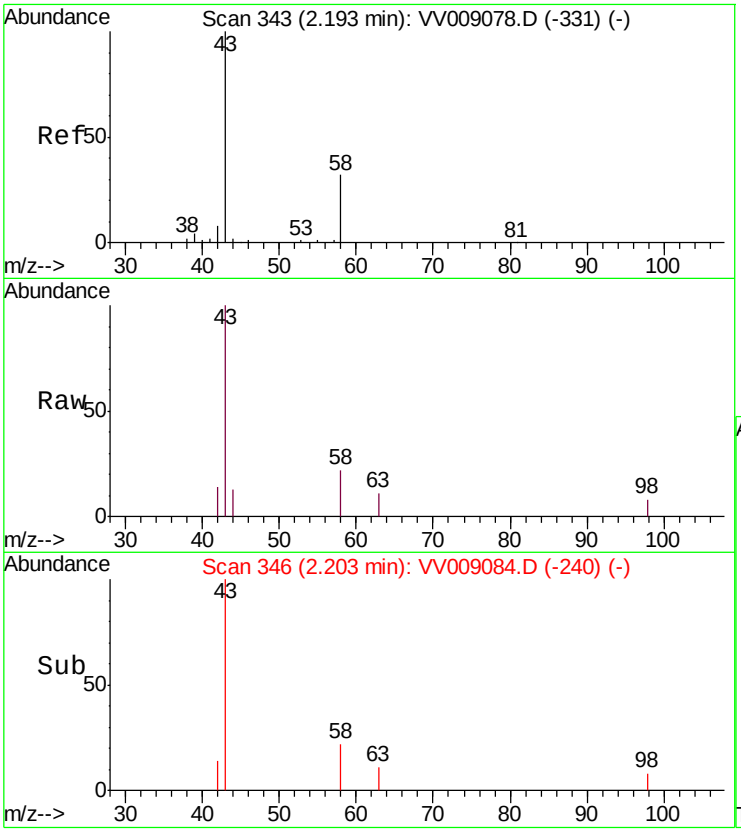
Quantitation Report (Not Reviewed)

Data File : VV009084.D
Acq On : 20 Dec 2018 14:57
Operator : SY/MD
Sample : J6468-11
Misc : 3.45 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JG9

Quant Time: Dec 21 00:29:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 21 00:25:26 2018
Response via : Initial Calibration



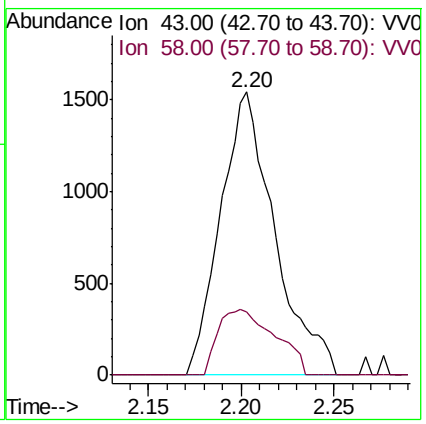


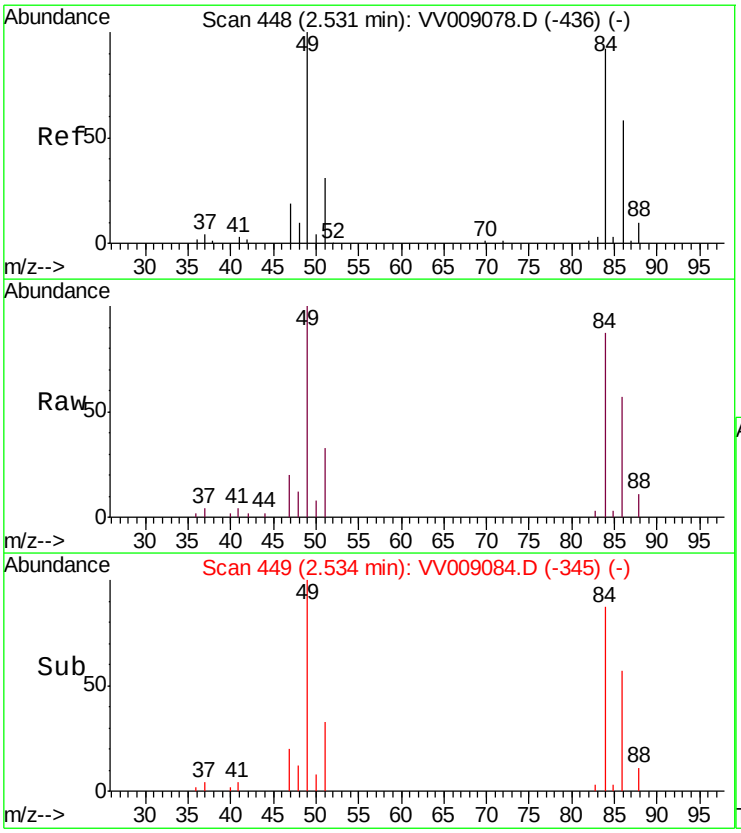
#13
Acetone
Concen: 2.308 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.01 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Instrument :
MSVOA_V
ClientSampleId :
C0JG9

Tgt Ion: 43 Resp: 3142

Ion	Ratio	Lower	Upper
43	100		
58	24.2	0.0	65.4

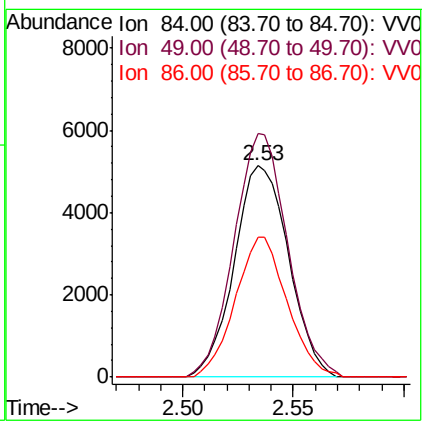


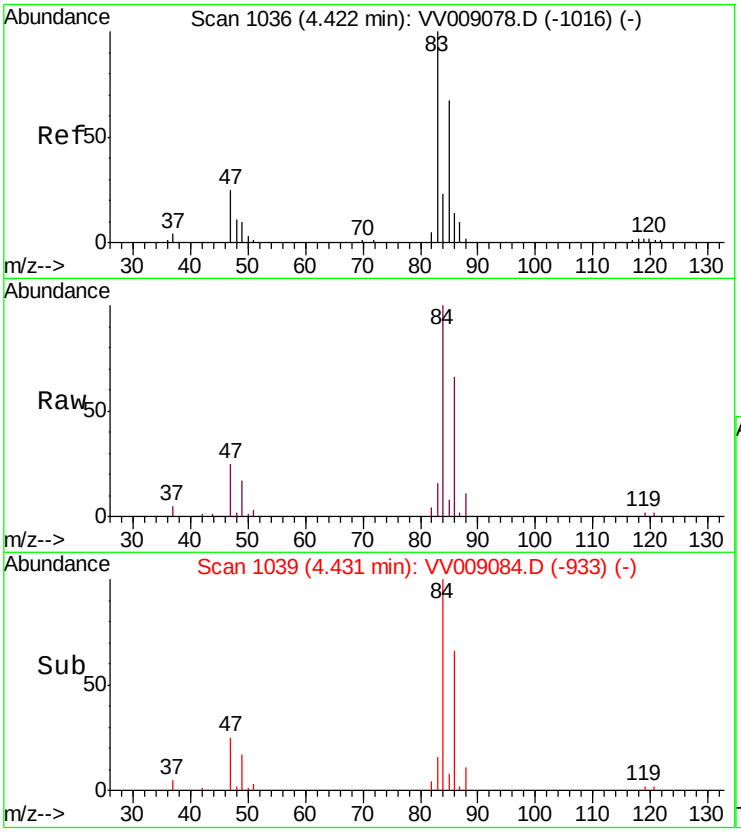


#16
Methylene chloride
Concen: 2.137 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Tgt Ion: 84 Resp: 8822

Ion	Ratio	Lower	Upper
84	100		
49	115.1	80.5	149.5
86	65.9	45.5	84.5



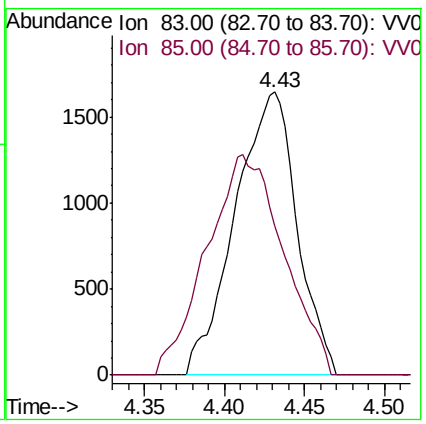


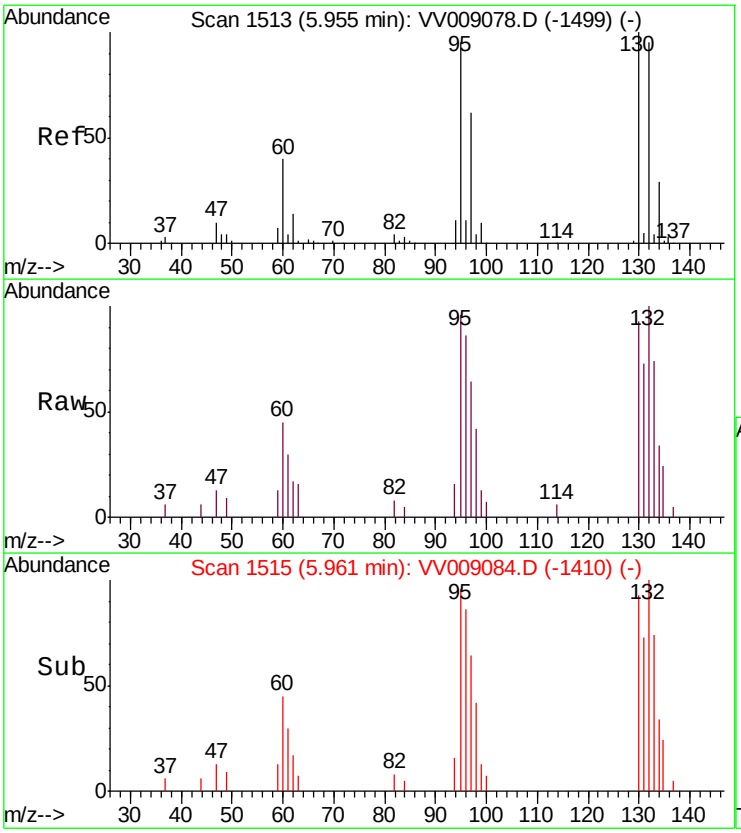
#25
Chloroform
Concen: 0.736 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Instrument : MSVOA_V
ClientSampleId : C0JG9

Tgt Ion: 83 Resp: 4375

Ion	Ratio	Lower	Upper
83	100		
85	59.4	45.6	84.8

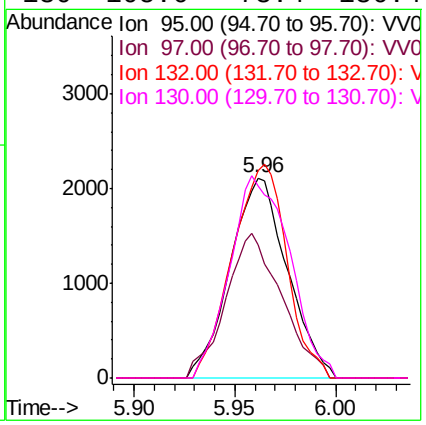


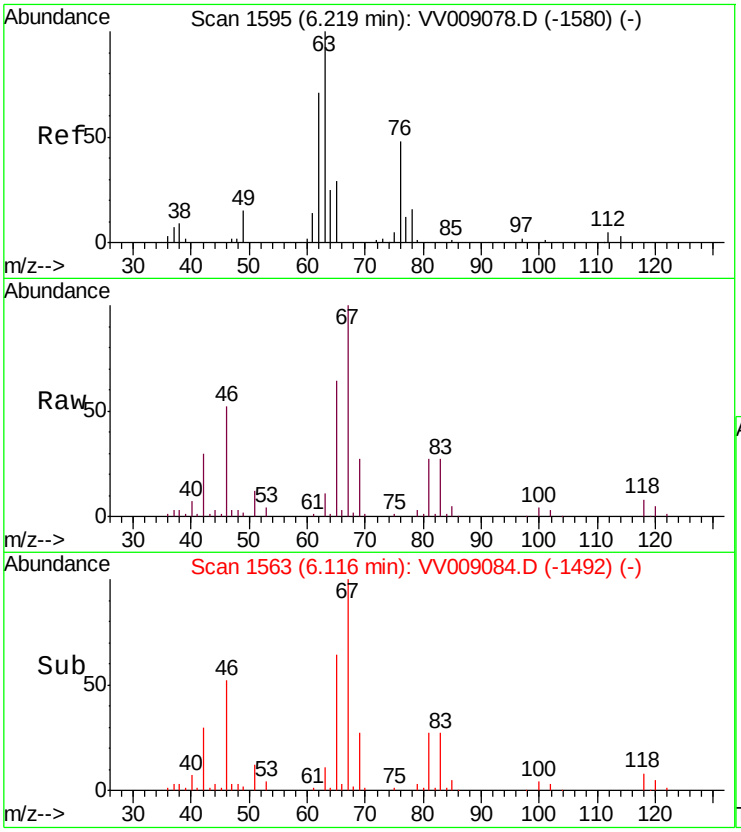


#35
Trichloroethene
Concen: 1.074 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Tgt Ion: 95 Resp: 4191

Ion	Ratio	Lower	Upper
95	100		
97	70.8	45.3	84.1
132	101.5	70.0	130.0
130	105.6	73.4	136.4



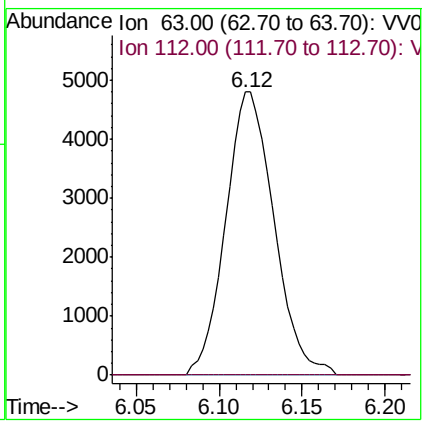


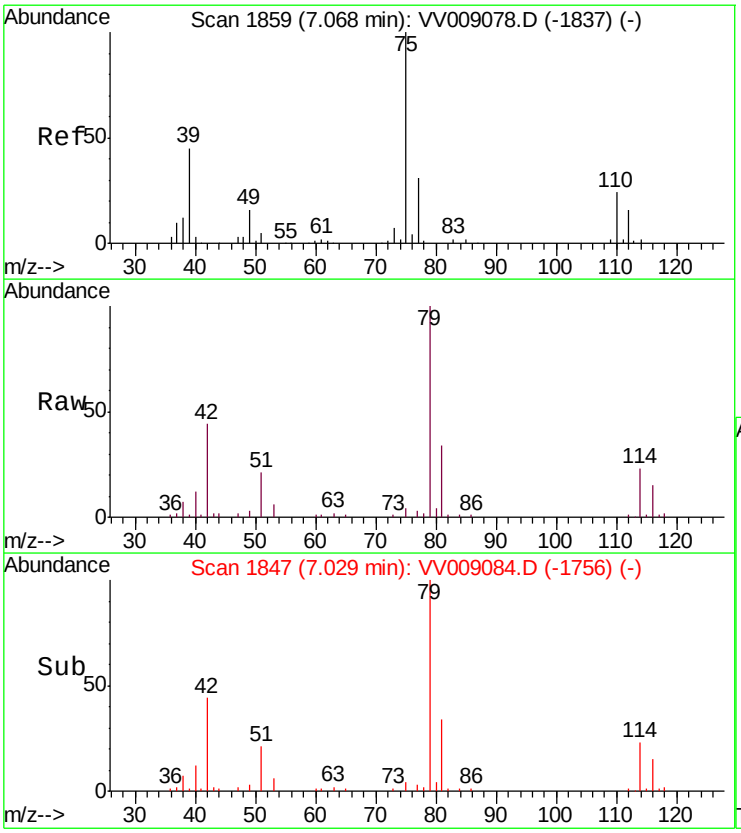
#40
1,2-Dichloropropane
Concen: 3.134 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Instrument : MSVOA_V
ClientSampleId : C0JG9

Tgt Ion: 63 Resp: 9737

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

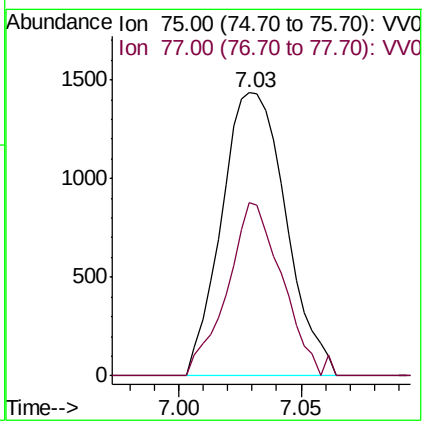


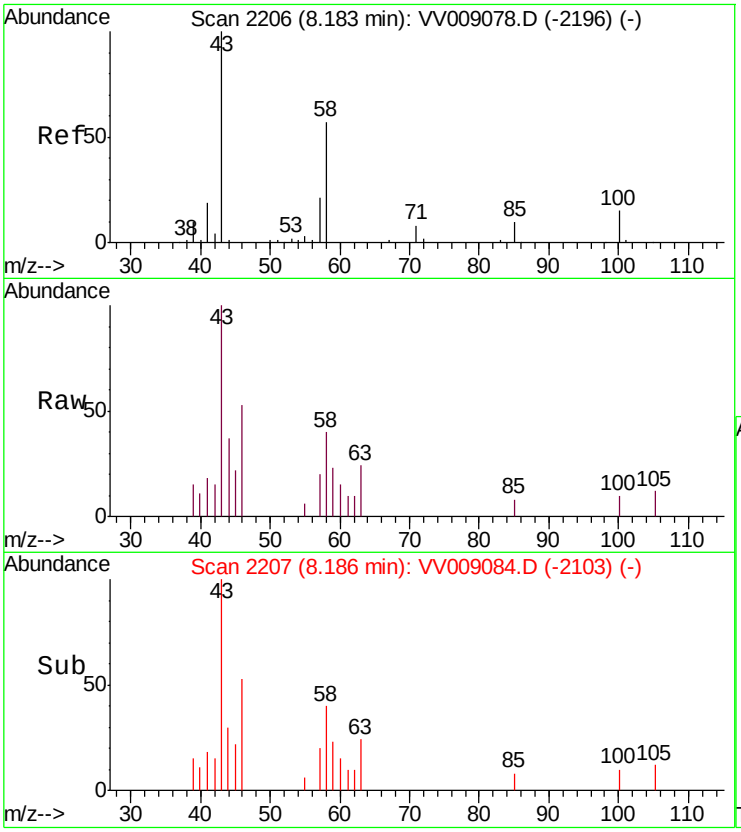


#42
cis-1,3-Dichloropropene
Concen: 0.578 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Tgt Ion: 75 Resp: 2631

Ion	Ratio	Lower	Upper
75	100		
77	61.4	21.3	39.6#



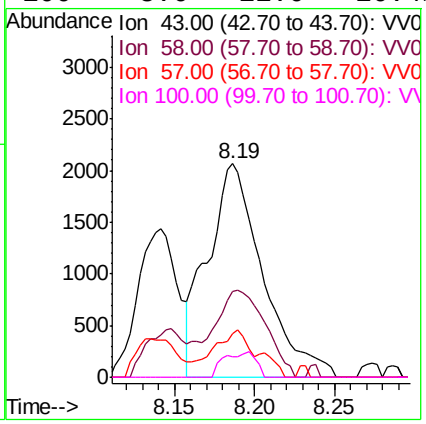


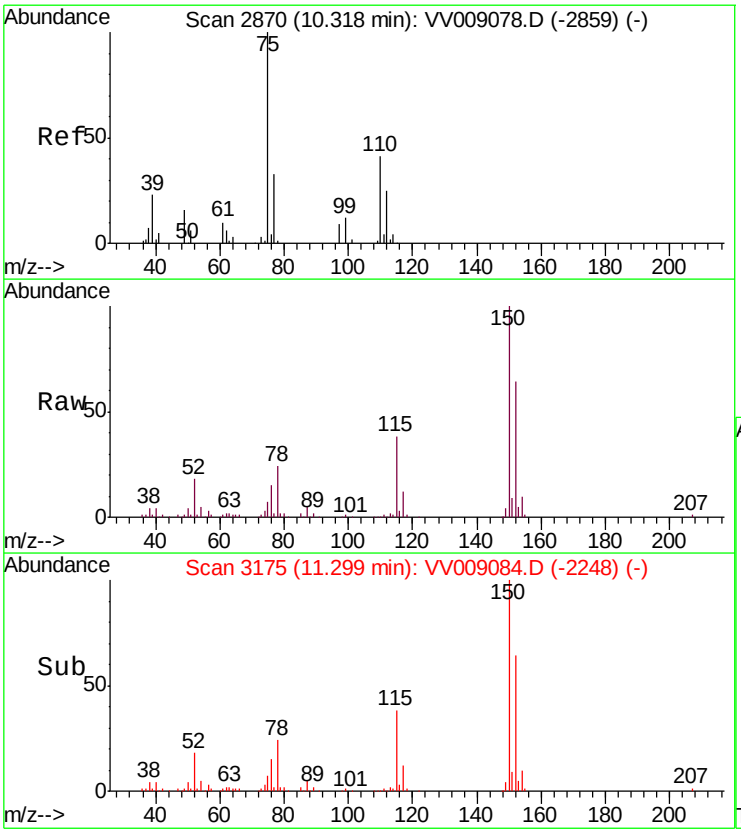
#49
2-Hexanone
Concen: 2.823 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Instrument : MSVOA_V
ClientSampleId : C0JG9

Tgt Ion: 43 Resp: 4905

Ion	Ratio	Lower	Upper
43	100		
58	35.7	43.9	65.9#
57	8.3	15.7	23.5#
100	3.6	11.0	16.4#





#59
1,2,3-Trichloropropane
Concen: 3.461 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009084.D
Acq: 20 Dec 2018 14:57

Tgt Ion: 75 Resp: 8382

Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.6	38.4