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

Quantitation Report (Not Reviewed)

Data File : VV009090.D
Acq On : 20 Dec 2018 17:51
Operator : SY/MD
Sample : J6471-16
Misc : 5.92 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H03

Quant Time: Dec 21 00:30:24 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	5.67	114	193543	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	166315	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62804	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	46214	23.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.28%			
7) Chloroethane-d5	1.58	69	50019	33.80	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 135.20%			
10) 1,1-Dichloroethene-d2	2.13	63	92641	18.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 74.00%			
20) 2-Butanone-d5	3.95	46	24323	33.36	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 66.72%			
24) Chloroform-d	4.40	84	124389	26.73	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 106.92%			
26) 1,2-Dichloroethane-d4	5.08	65	71615	28.21	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.84%			
29) Benzene-d6	5.10	84	246309	26.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 106.08%			
33) 1,2-Dichloropropane-d6	6.12	67	75234	28.93	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 115.72%			
37) Toluene-d8	7.36	98	215452	25.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.24%			
38) trans-1,3-Dichloropropene-	7.67	79	28667	25.09	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.36%			
39) 2-Hexanone-d5	8.14	63	16178	33.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.92%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49163	22.54	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.16%			
61) 1,2-Dichlorobenzene-d4	11.68	152	59013	25.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.16%			

Target Compounds						Qvalue
13) Acetone	2.21	43	2439	2.270	ug/L	82
16) Methylene chloride	2.53	84	7218	2.215	ug/L	93
21) 2-Butanone	4.00	43	1180	1.172	ug/L #	60
25) Chloroform	4.43	83	3782	0.806	ug/L	91
40) 1,2-Dichloropropane	6.12	63	8458	3.537	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	2058	0.588	ug/L #	66
49) 2-Hexanone	8.19	43	5588	4.179	ug/L #	78
59) 1,2,3-Trichloropropane	11.30	75	6654	3.570	ug/L #	86
69) Naphthalene	13.56	128	1798	0.510	ug/L #	75

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

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

Quantitation Report (Not Reviewed)

Data File : VV009090.D
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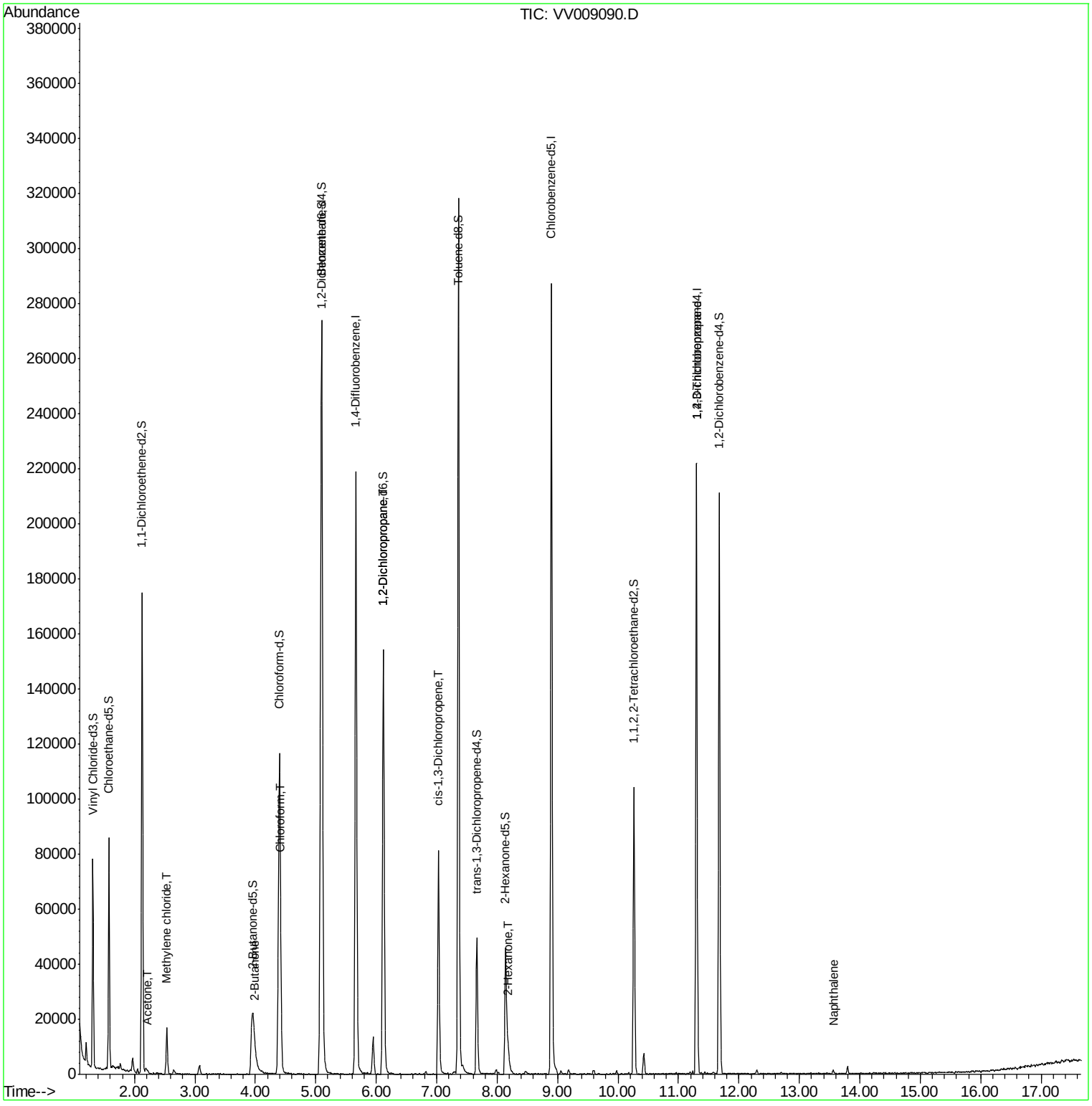
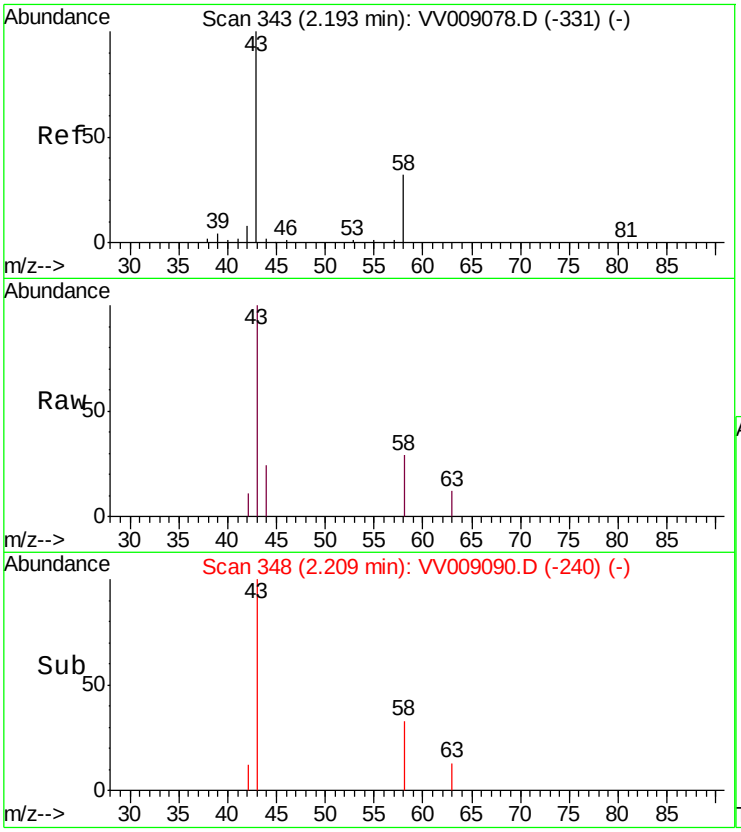
Misc : 5.92 G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H03

Quant Time: Dec 21 00:30:24 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



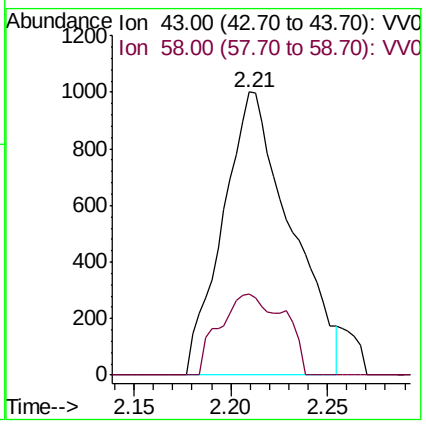


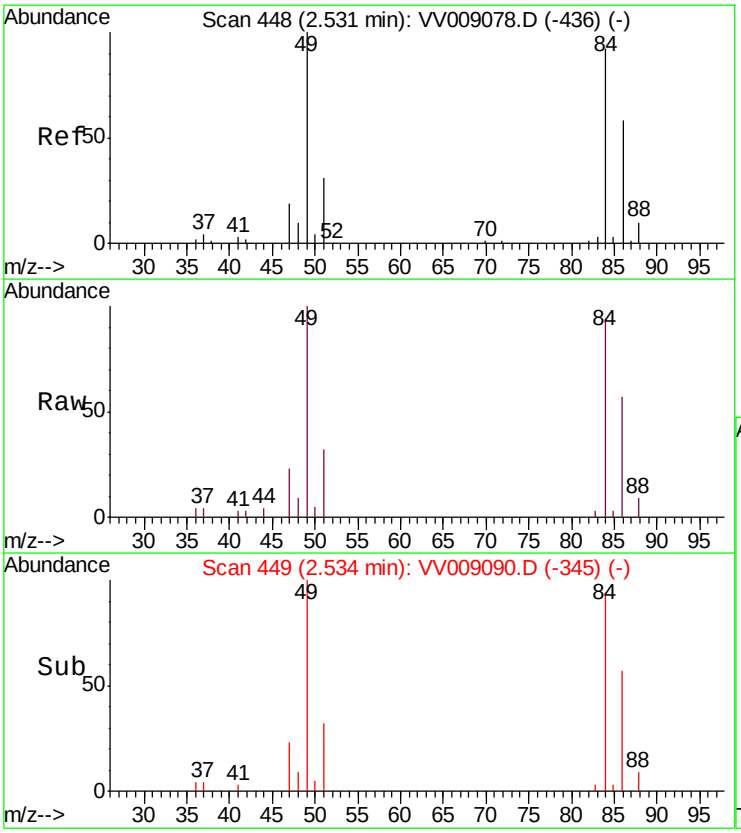
#13
Acetone
Concen: 2.270 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.02 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Instrument : MSVOA_V
ClientSampleId : F9H03

Tgt Ion: 43 Resp: 2439

Ion	Ratio	Lower	Upper
43	100		
58	22.7	0.0	65.4

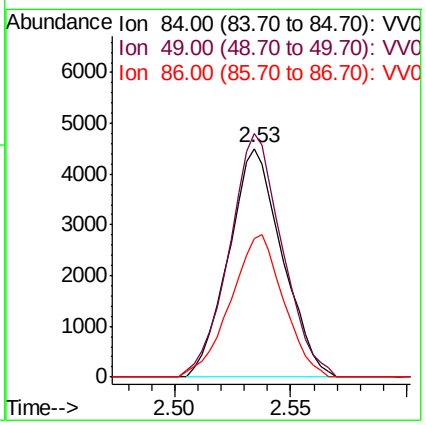


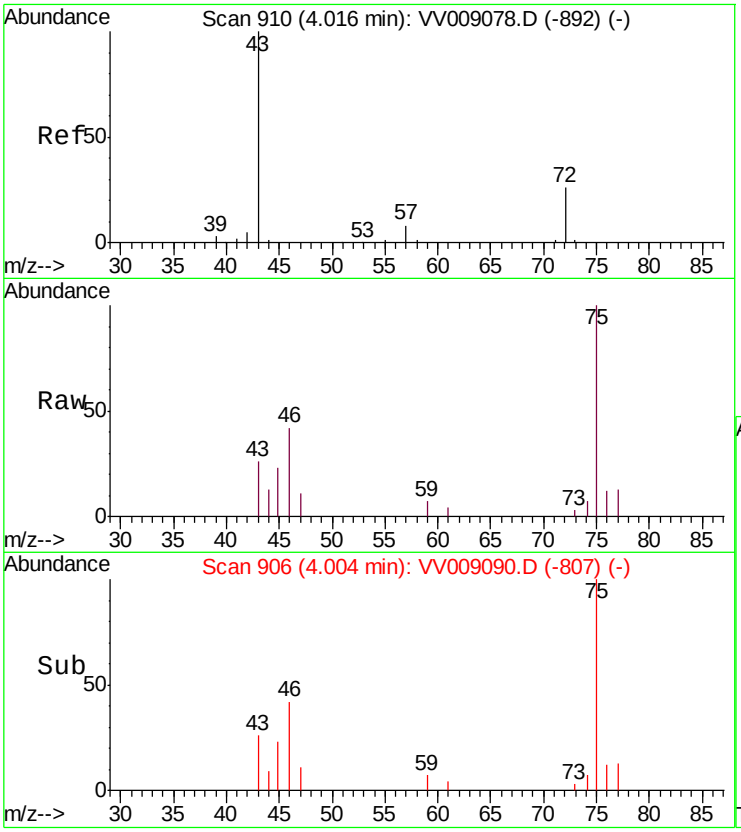


#16
Methylene chloride
Concen: 2.215 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Tgt Ion: 84 Resp: 7218

Ion	Ratio	Lower	Upper
84	100		
49	106.5	80.5	149.5
86	60.8	45.5	84.5



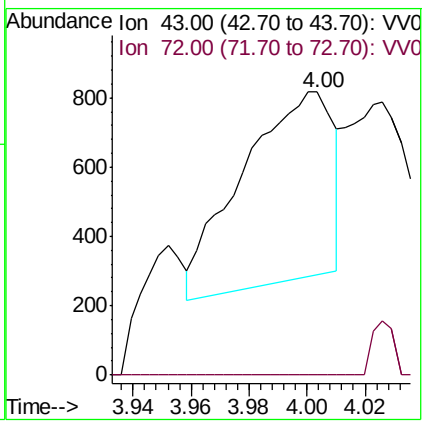


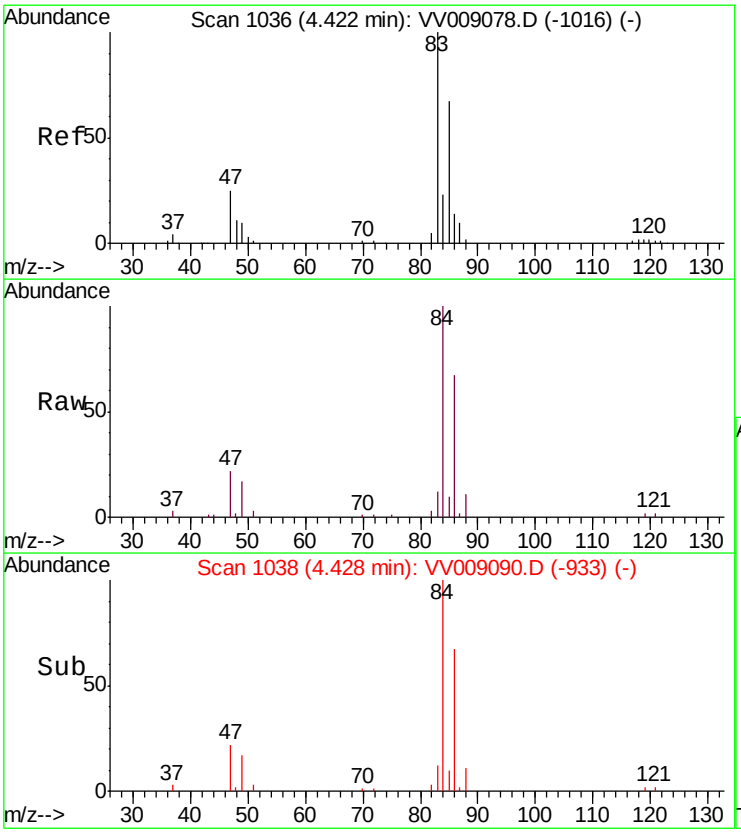
#21
2-Butanone
Concen: 1.172 ug/L
RT: 4.00 min Scan# 906
Delta R.T. -0.01 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Instrument :
MSVOA_V
ClientSampleId :
F9H03

Tgt Ion: 43 Resp: 1180

Ion	Ratio	Lower	Upper
43	100		
72	6.8	13.7	41.1#

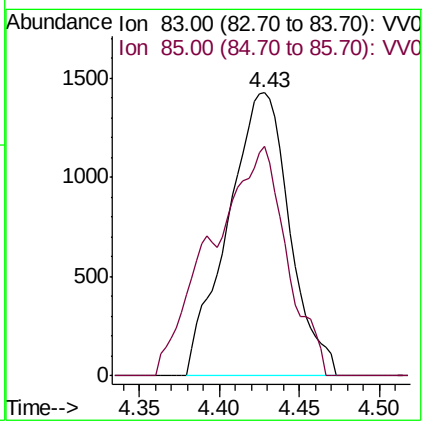


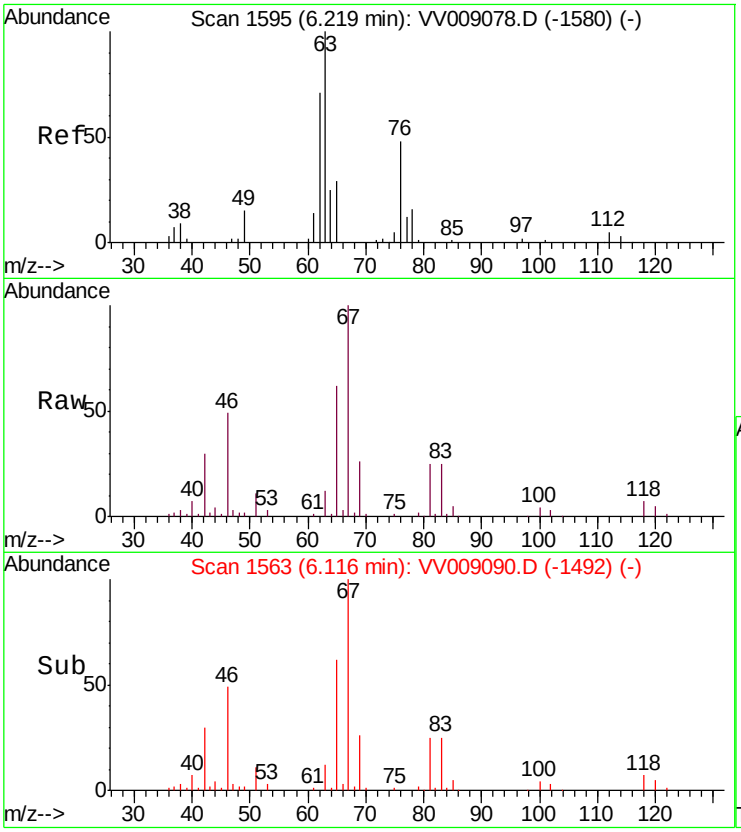


#25
Chloroform
Concen: 0.806 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Tgt Ion: 83 Resp: 3782

Ion	Ratio	Lower	Upper
83	100		
85	72.4	45.6	84.8



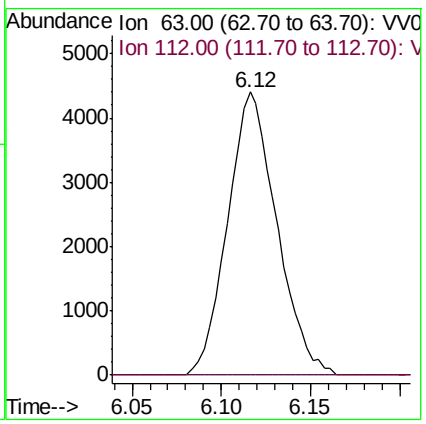


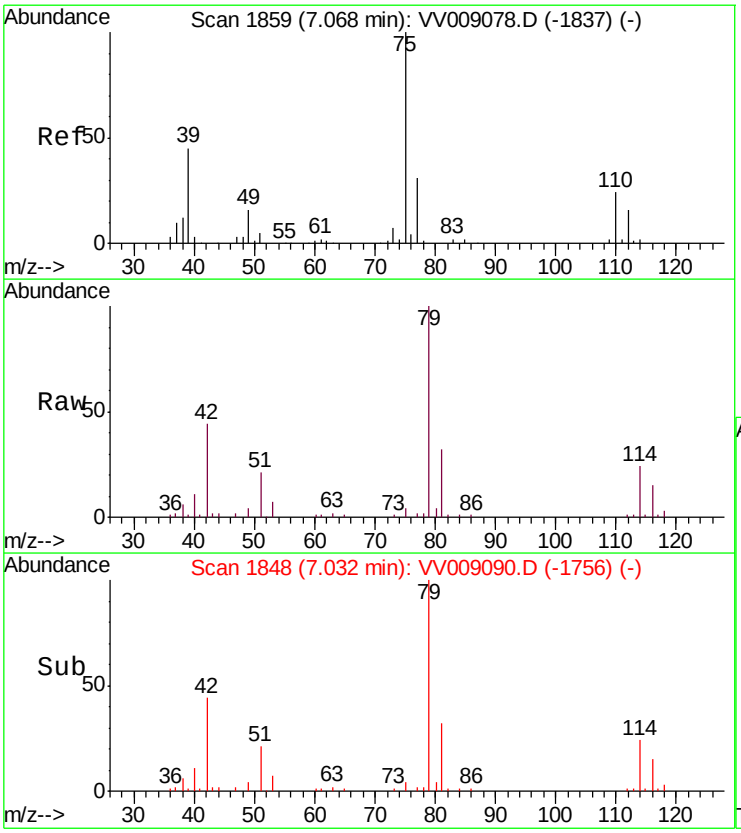
#40
1,2-Dichloropropane
Concen: 3.537 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Instrument : MSVOA_V
ClientSampleId : F9H03

Tgt Ion: 63 Resp: 8458

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

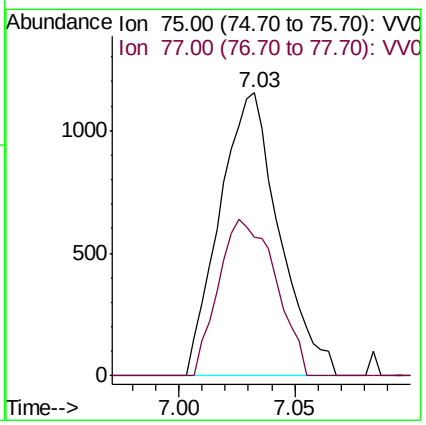


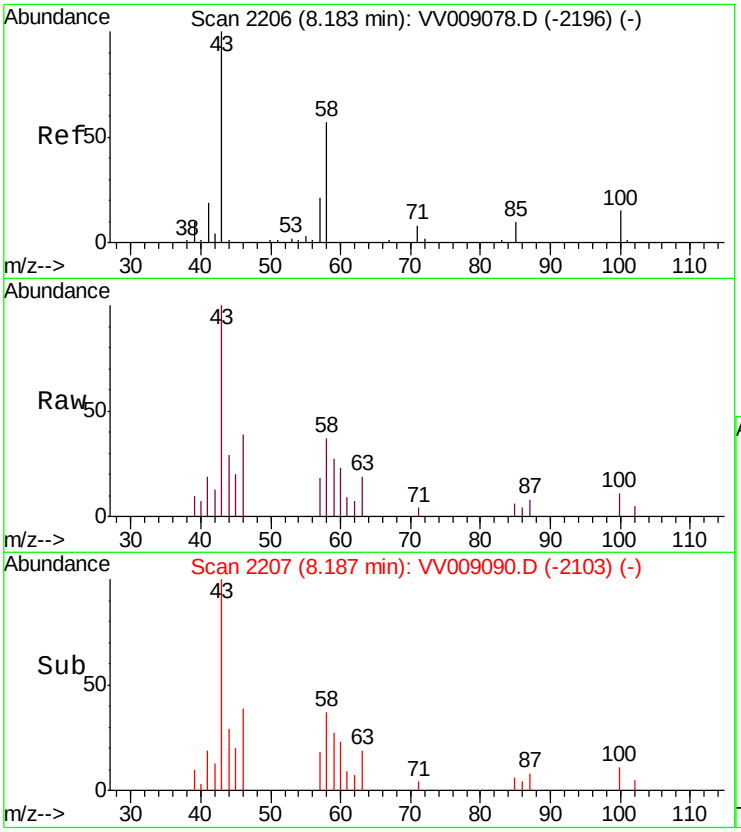


#42
cis-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Tgt Ion: 75 Resp: 2058

Ion	Ratio	Lower	Upper
75	100		
77	49.1	21.3	39.6#



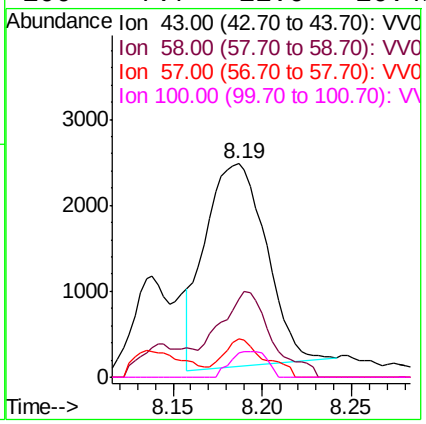


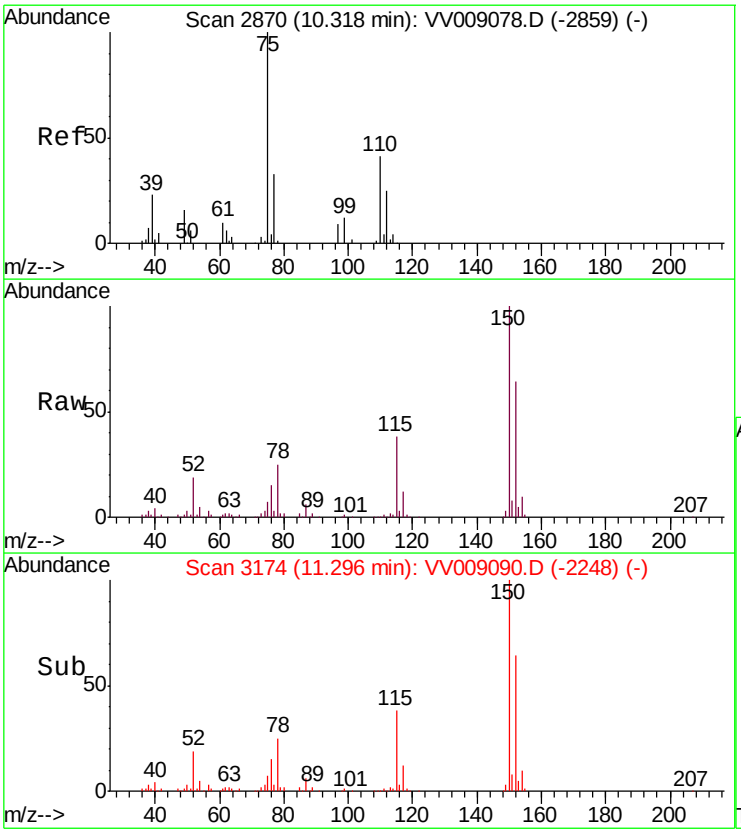
#49
2-Hexanone
Concen: 4.179 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Instrument : MSVOA_V
ClientSampleId : F9H03

Tgt Ion: 43 Resp: 5588

Ion	Ratio	Lower	Upper
43	100		
58	36.2	43.9	65.9#
57	13.2	15.7	23.5#
100	7.7	11.0	16.4#

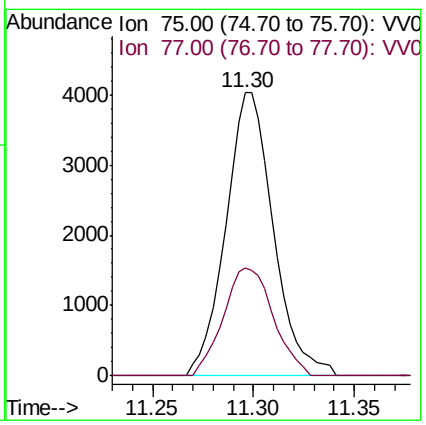


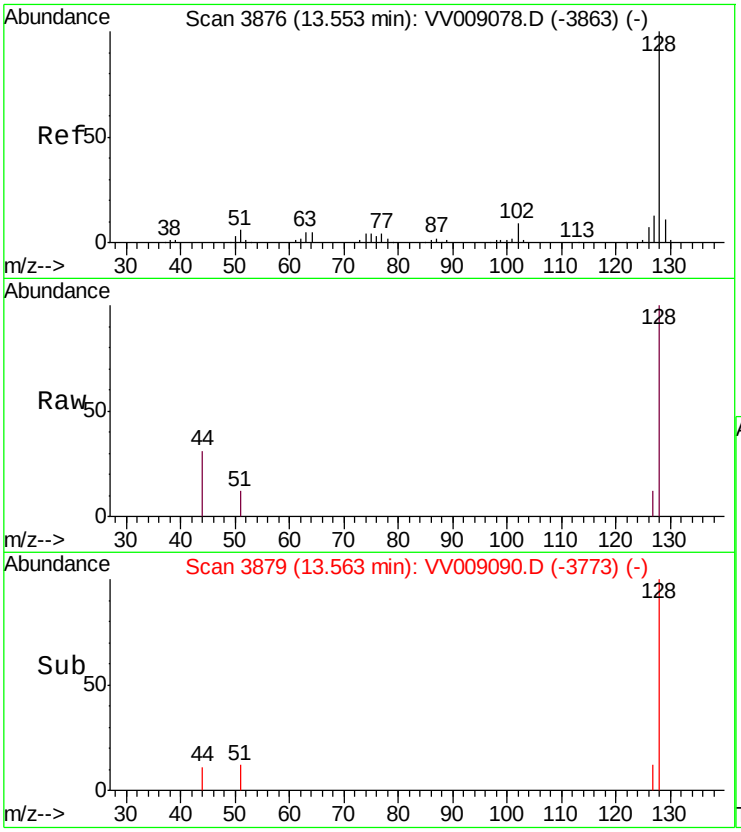


#59
1,2,3-Trichloropropane
Concen: 3.570 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Tgt Ion: 75 Resp: 6654

Ion	Ratio	Lower	Upper
75	100		
77	40.0	25.6	38.4#





#69
Naphthalene
Concen: 0.510 ug/L
RT: 13.56 min Scan# 3879
Delta R.T. 0.01 min
Lab File: VV009090.D
Acq: 20 Dec 2018 17:51

Instrument :
MSVOA_V
ClientSampleId :
F9H03

Tgt Ion:128 Resp: 1798

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	3.9	10.0	15.0#