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

Quantitation Report (Not Reviewed)

Data File : VV009070.D
Acq On : 20 Dec 2018 01:12
Operator : SY/MD
Sample : J6471-16
Misc : 5.92G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H03

Quant Time: Dec 20 03:50:22 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	219661	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176052	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56130	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	53203	23.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 93.64%			
7) Chloroethane-d5	1.58	69	58296	34.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 138.84%			
10) 1,1-Dichloroethene-d2	2.13	63	101876	17.93	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 71.72%			
20) 2-Butanone-d5	3.94	46	20531	24.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 49.62%			
24) Chloroform-d	4.40	84	145773	27.60	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 110.40%			
26) 1,2-Dichloroethane-d4	5.08	65	80829	28.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.20%			
29) Benzene-d6	5.10	84	284562	28.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.76%			
33) 1,2-Dichloropropane-d6	6.12	67	84451	30.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.72%#			
37) Toluene-d8	7.36	98	246008	27.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 108.16%			
38) trans-1,3-Dichloropropene-	7.67	79	29590	24.47	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 97.88%			
39) 2-Hexanone-d5	8.14	63	13317	26.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 52.82%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50136	21.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.84%			
61) 1,2-Dichlorobenzene-d4	11.68	152	57165	27.14	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 108.56%			

Target Compounds						Qvalue
13) Acetone	2.20	43	2863	2.348	ug/L	66
16) Methylene chloride	2.53	84	10025	2.710	ug/L	96
21) 2-Butanone	3.98	43	2184	1.911	ug/L #	51
25) Chloroform	4.43	83	3981	0.748	ug/L #	45
40) 1,2-Dichloropropane	6.12	63	9450	3.733	ug/L #	85
45) trans-1,3-Dichloropropene	7.67	75	1520	0.470	ug/L	90
49) 2-Hexanone	8.18	43	9416	6.652	ug/L #	40
59) 1,2,3-Trichloropropane	11.30	75	5725	2.902	ug/L	90

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

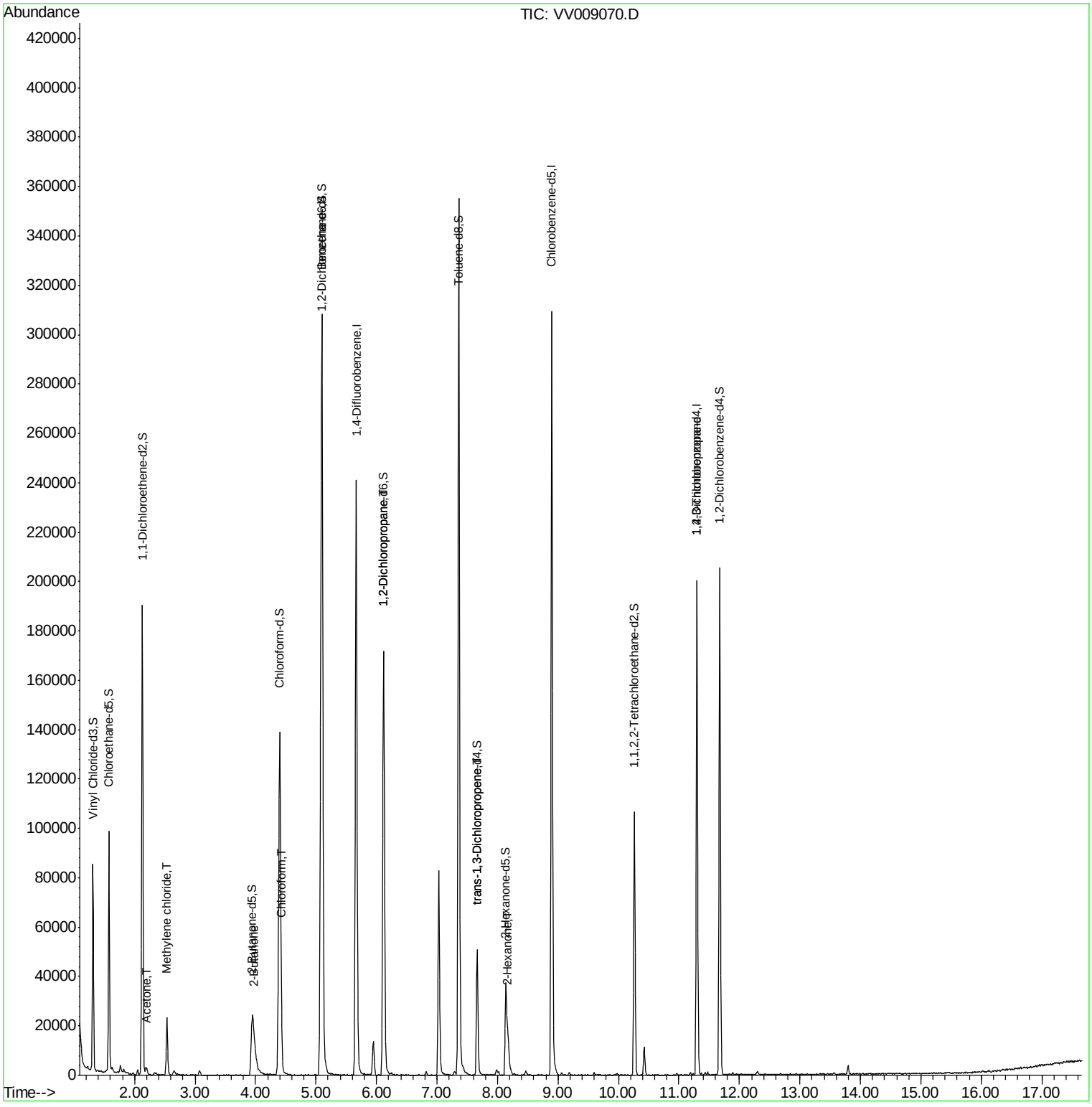
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\

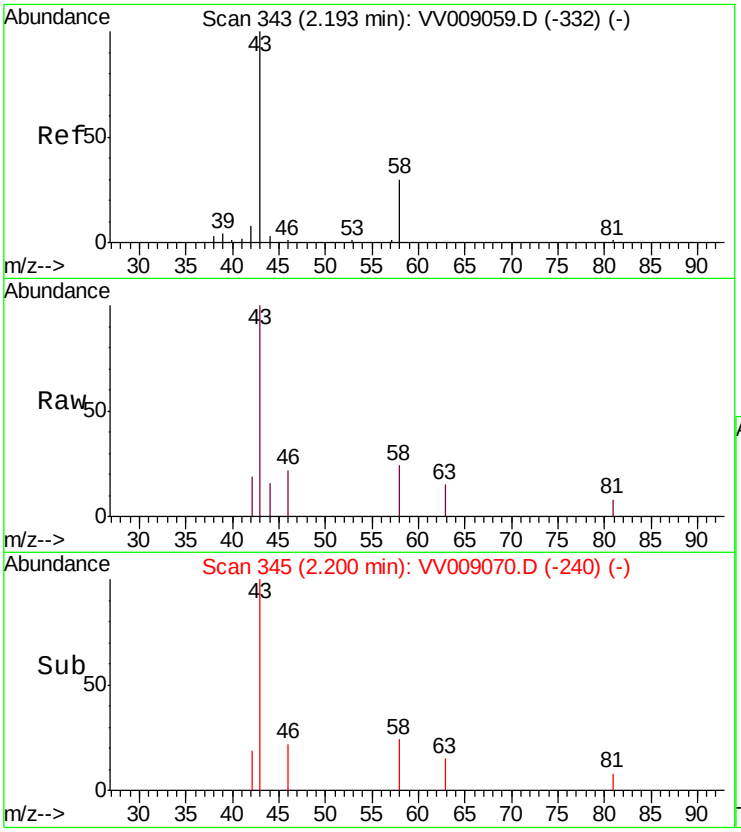
Quantitation Report (Not Reviewed)

Data File : VV009070.D
Acq On : 20 Dec 2018 01:12
Operator : SY/MD
Sample : J6471-16
Misc : 5.92G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9H03

Quant Time: Dec 20 03:50:22 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



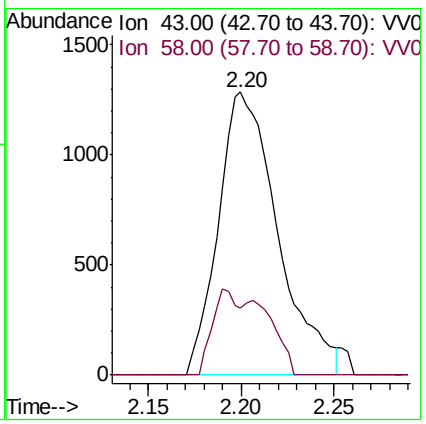


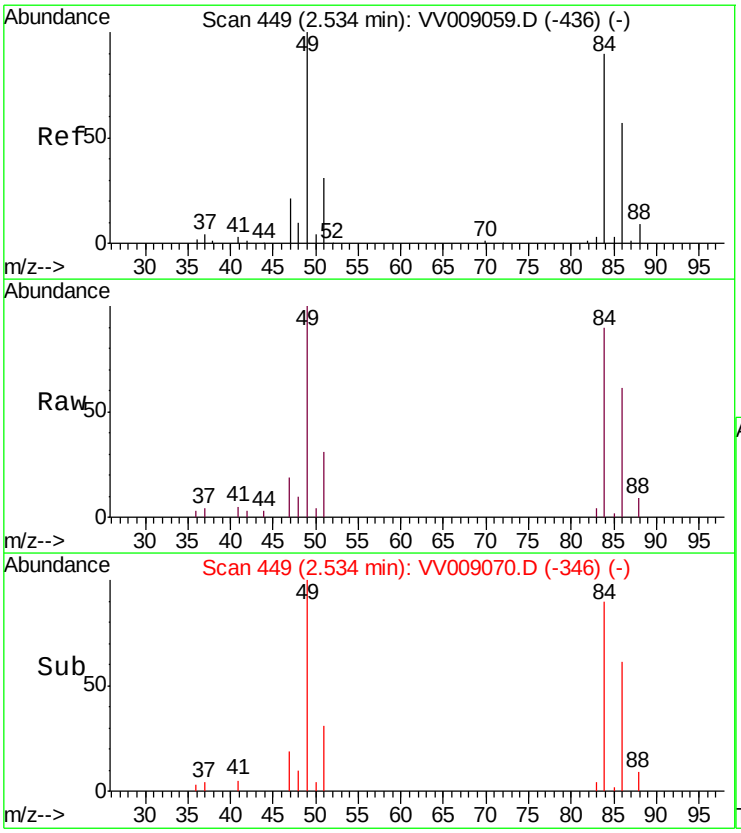
#13
Acetone
Concen: 2.348 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Instrument : MSVOA_V
ClientSampleId : F9H03

Tgt Ion: 43 Resp: 2863

Ion	Ratio	Lower	Upper
43	100		
58	13.6	0.0	65.4

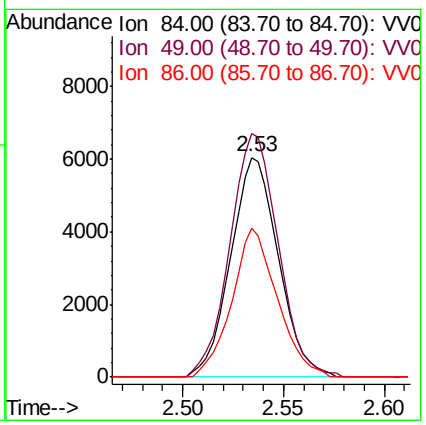


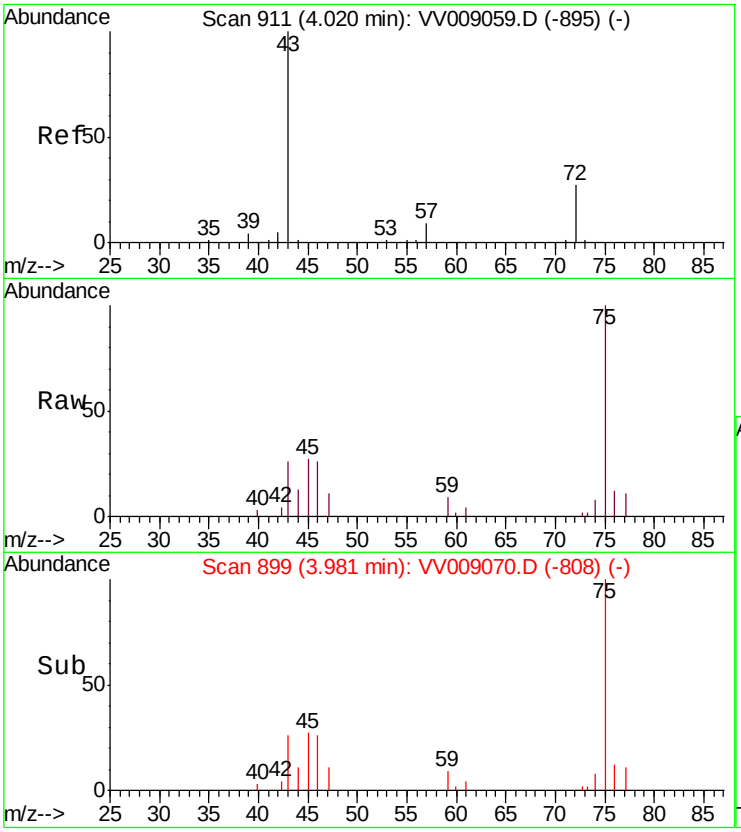


#16
Methylene chloride
Concen: 2.710 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Tgt Ion: 84 Resp: 10025

Ion	Ratio	Lower	Upper
84	100		
49	110.7	80.5	149.5
86	67.8	45.5	84.5



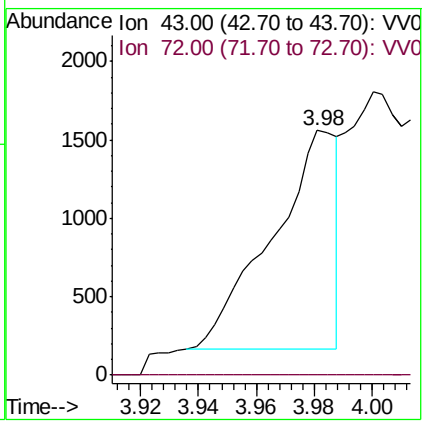


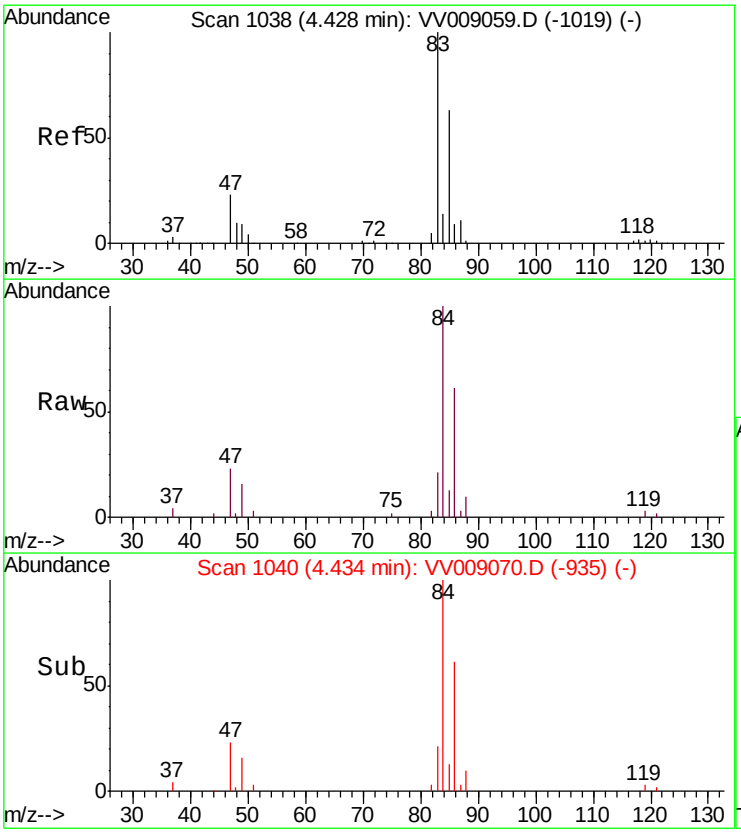
#21
2-Butanone
Concen: 1.911 ug/L
RT: 3.98 min Scan# 899
Delta R.T. -0.04 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Instrument :
MSVOA_V
ClientSampleId :
F9H03

Tgt Ion: 43 Resp: 2184

Ion	Ratio	Lower	Upper
43	100		
72	1.8	13.7	41.1#

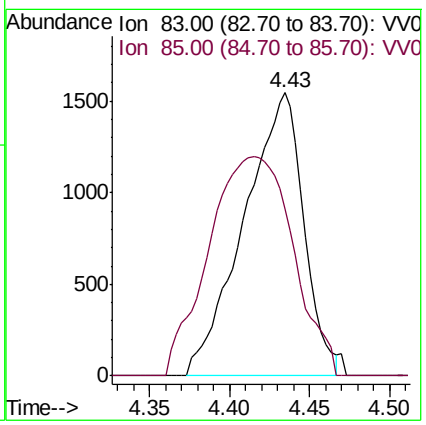


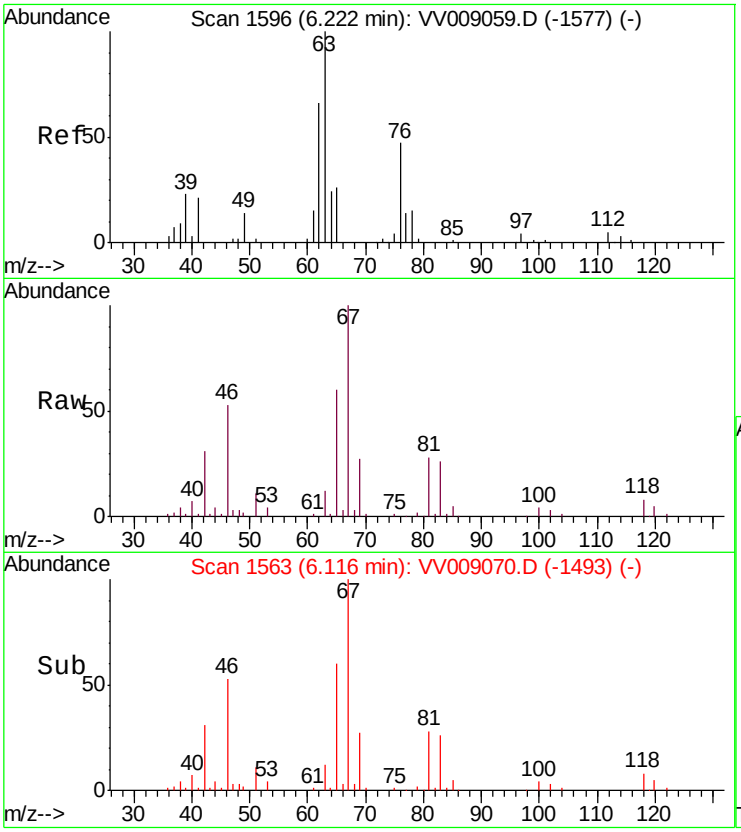


#25
Chloroform
Concen: 0.748 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Tgt Ion: 83 Resp: 3981

Ion	Ratio	Lower	Upper
83	100		
85	109.0	45.6	84.8#



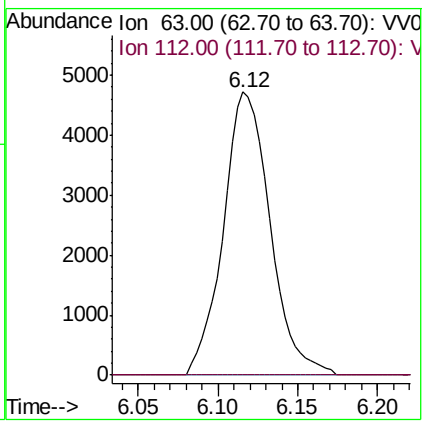


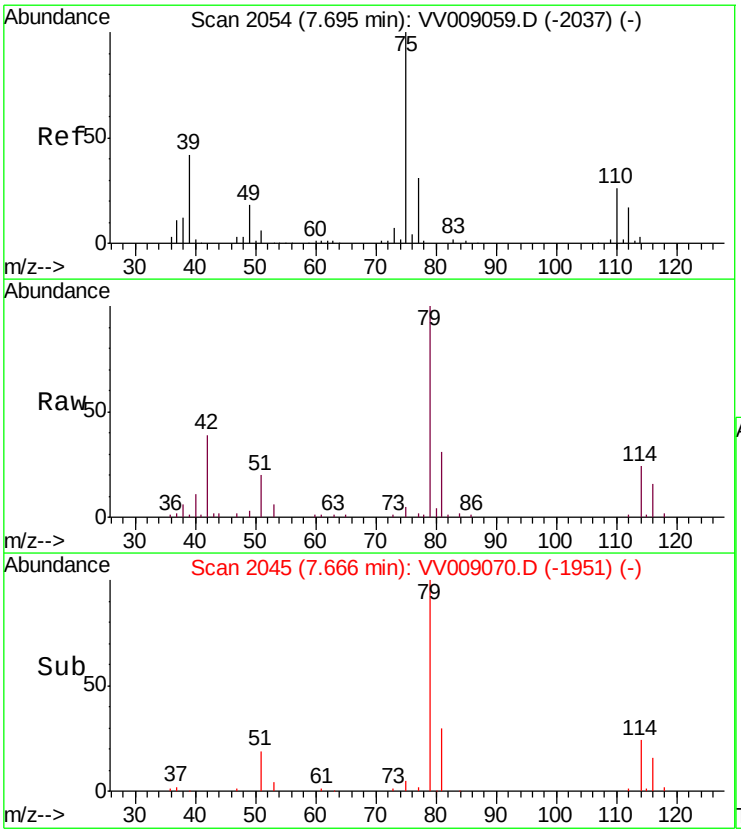
#40
1,2-Dichloropropane
Concen: 3.733 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.11 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Instrument :
MSVOA_V
ClientSampleId :
F9H03

Tgt Ion: 63 Resp: 9450

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#

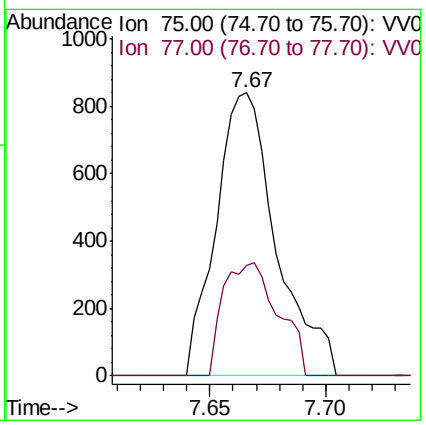


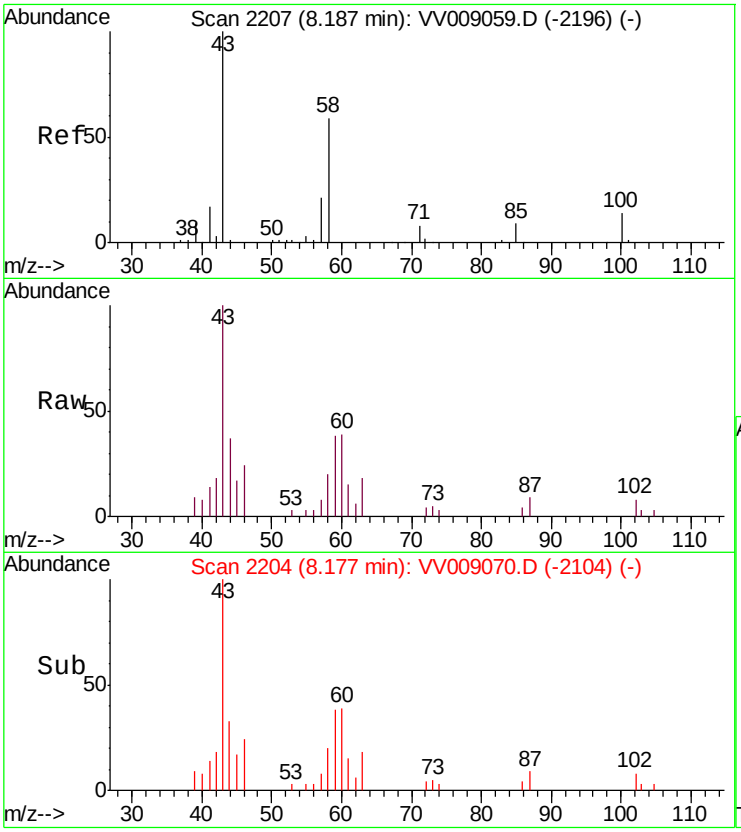


#45
trans-1,3-Dichloropropene
Concen: 0.470 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Tgt Ion: 75 Resp: 1520

Ion	Ratio	Lower	Upper
75	100		
77	39.3	23.6	43.8



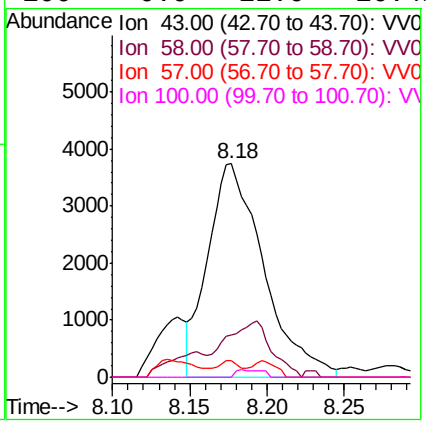


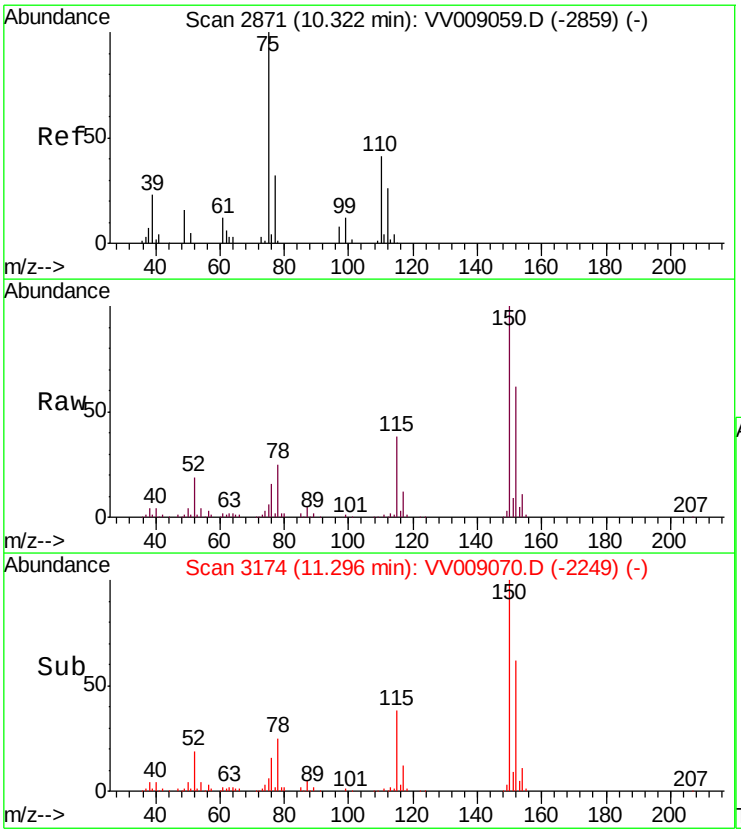
#49
2-Hexanone
Concen: 6.652 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Instrument : MSVOA_V
ClientSampleId : F9H03

Tgt Ion: 43 Resp: 9416

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.9	65.9#
57	3.1	15.7	23.5#
100	0.9	11.0	16.4#





#59
1,2,3-Trichloropropane
Concen: 2.902 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009070.D
Acq: 20 Dec 2018 01:12

Tgt Ion: 75 Resp: 5725

Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.6	38.4