Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040219\

Quantitation Report (Not Reviewed)

Data File : VV010071.D
Acq On : 02 Apr 2019 21:31
Operator : SY/MD
Sample : K2148-07
Misc : 5.54G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G4

Quant Time: Apr 03 06:50:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	210051	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207575	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86310	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	56125	19.96	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.84%			
7) Chloroethane-d5	1.58	69	102321	29.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 117.20%			
10) 1,1-Dichloroethene-d2	2.13	63	117860	16.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.44%			
20) 2-Butanone-d5	3.95	46	21728	27.15	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 54.30%			
24) Chloroform-d	4.40	84	132824	25.10	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.40%			
26) 1,2-Dichloroethane-d4	5.08	65	77382	26.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.56%			
29) Benzene-d6	5.10	84	271955	25.26	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.04%			
33) 1,2-Dichloropropane-d6	6.12	67	83687	26.34	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.36%			
37) Toluene-d8	7.36	98	247927	23.90	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.60%			
38) trans-1,3-Dichloropropene-	7.67	79	23450	17.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 69.08%			
39) 2-Hexanone-d5	8.14	63	17436	27.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 54.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	68739	21.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	84391	25.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.40%			

Target Compounds						Qvalue
13) Acetone	2.21	43	2216	2.801	ug/L	69
15) Methyl Acetate	2.47	43	833	0.658	ug/L #	69
16) Methylene chloride	2.54	84	8543	2.315	ug/L	90
25) Chloroform	4.43	83	3590	0.752	ug/L #	35
40) 1,2-Dichloropropane	6.12	63	9661	3.767	ug/L #	86
42) cis-1,3-Dichloropropene	7.03	75	2096	0.565	ug/L	96
49) 2-Hexanone	8.17	43	2281	1.683	ug/L #	54
52) Chlorobenzene	8.93	112	16643	2.142	ug/L #	89

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

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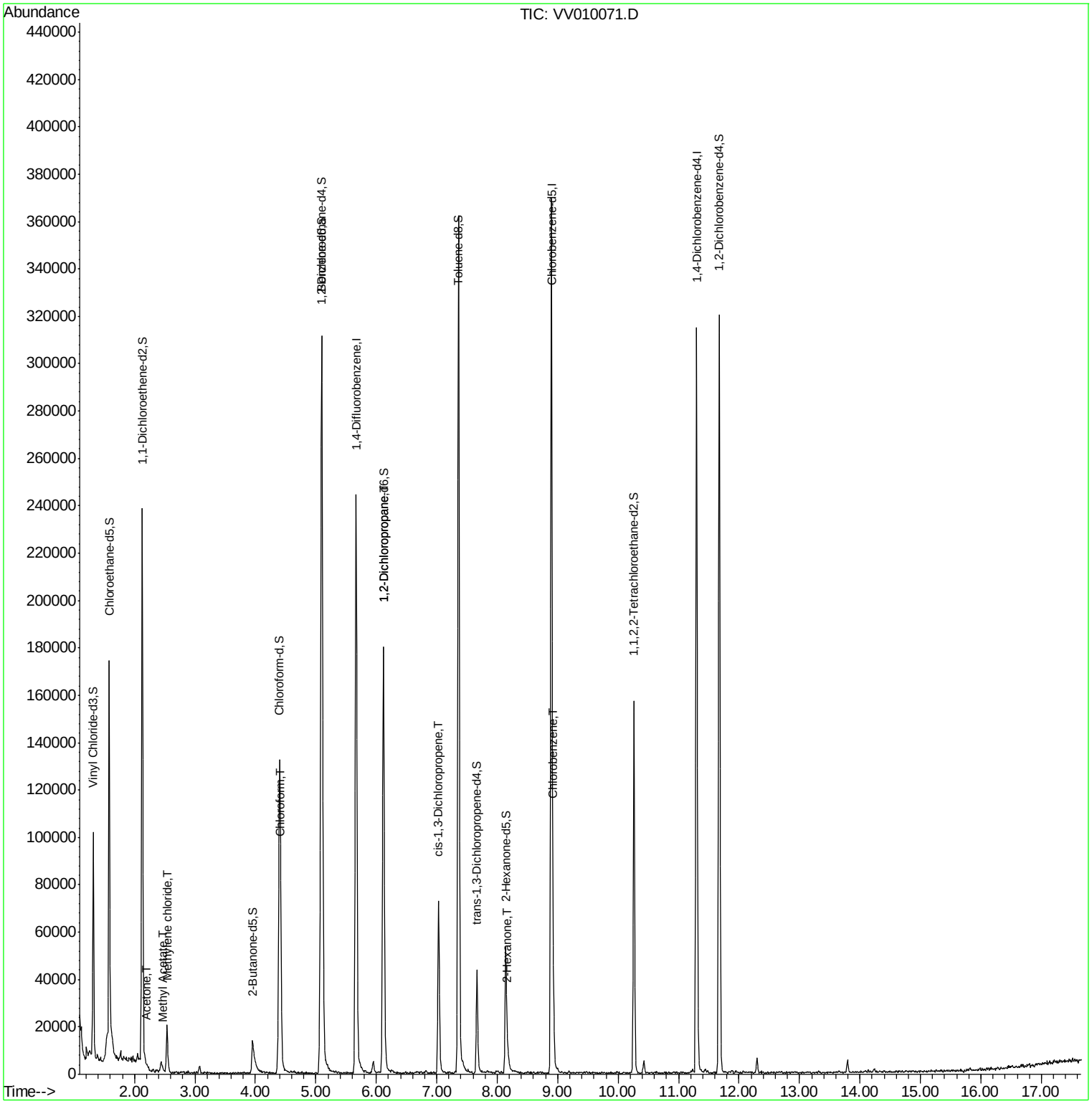
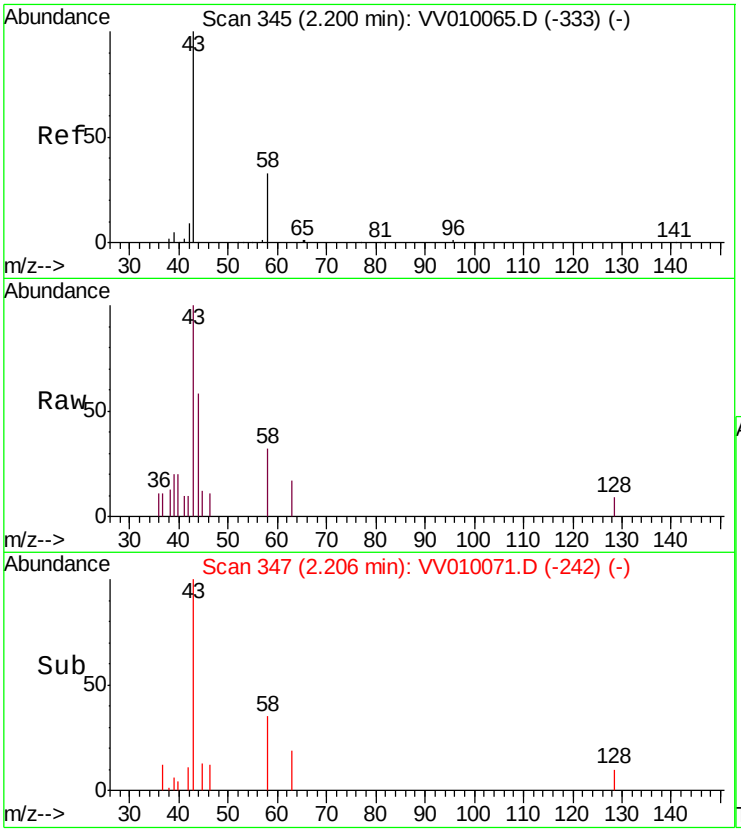
Instrument :
MSVOA_V
ClientSampleId :
BF5G4

Quant Time: Apr 03 06:50:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration



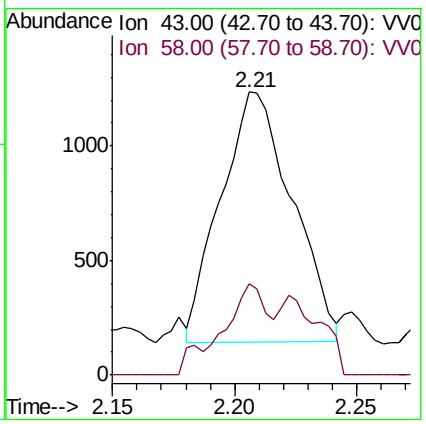


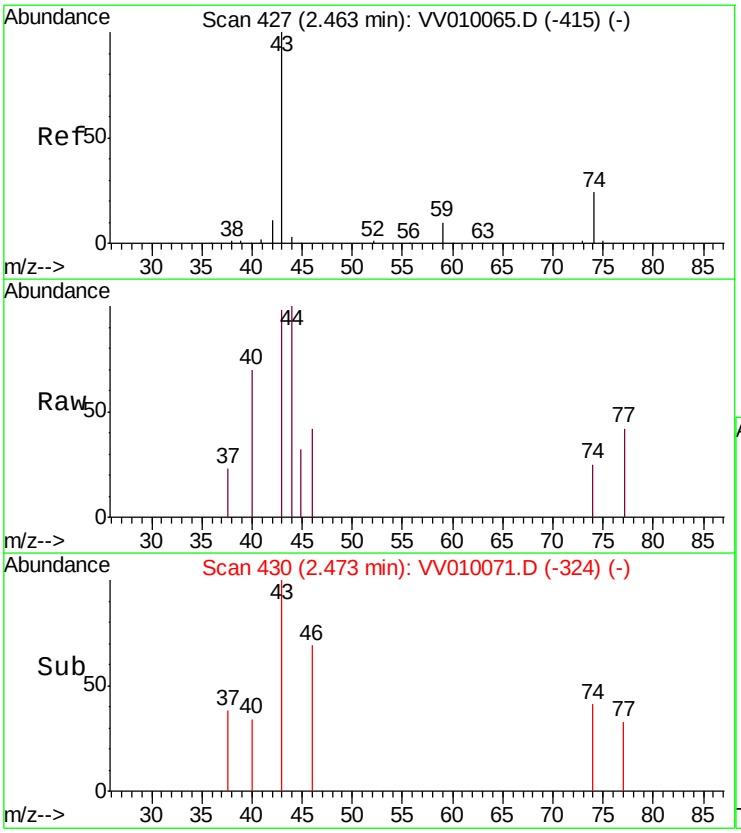
#13
Acetone
Concen: 2.801 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Instrument : MSVOA_V
ClientSampleId : BF5G4

Tgt Ion: 43 Resp: 2216

Ion	Ratio	Lower	Upper
43	100		
58	15.1	0.0	64.6

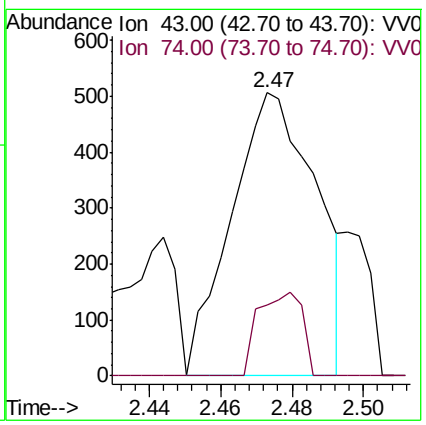


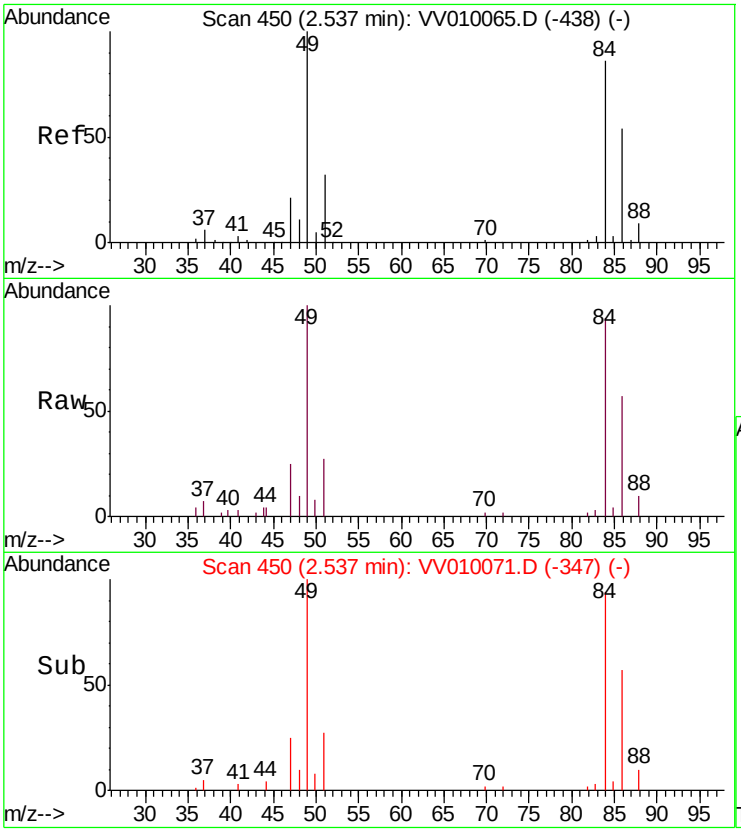


#15
Methyl Acetate
Concen: 0.658 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.01 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Tgt Ion: 43 Resp: 833

Ion	Ratio	Lower	Upper
43	100		
74	9.5	20.0	30.0#



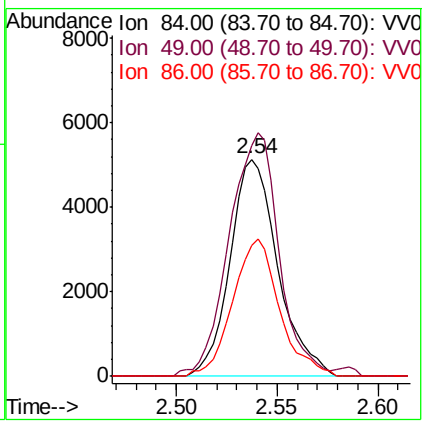


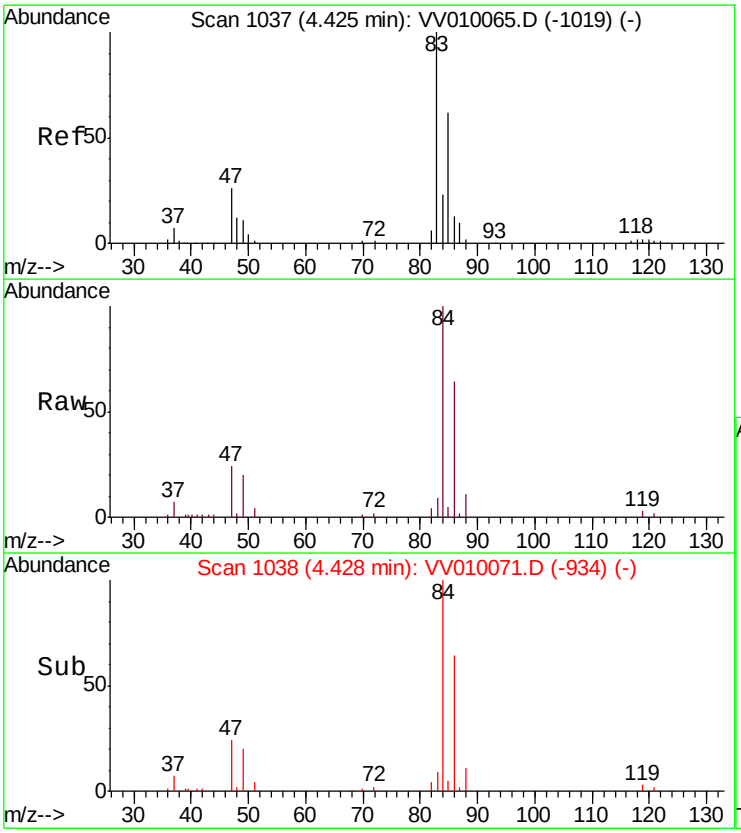
#16
Methylene chloride
Concen: 2.315 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Instrument :
MSVOA_V
ClientSampleId :
BF5G4

Tgt Ion: 84 Resp: 8543

Ion	Ratio	Lower	Upper
84	100		
49	106.7	84.3	156.5
86	60.3	45.4	84.2

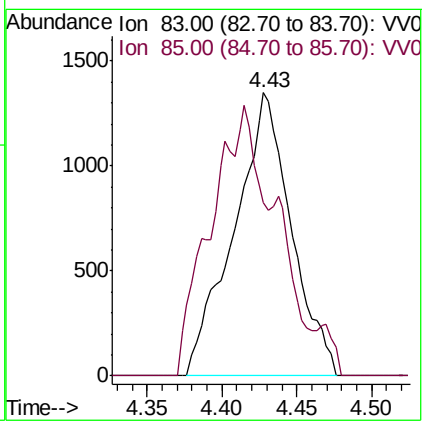


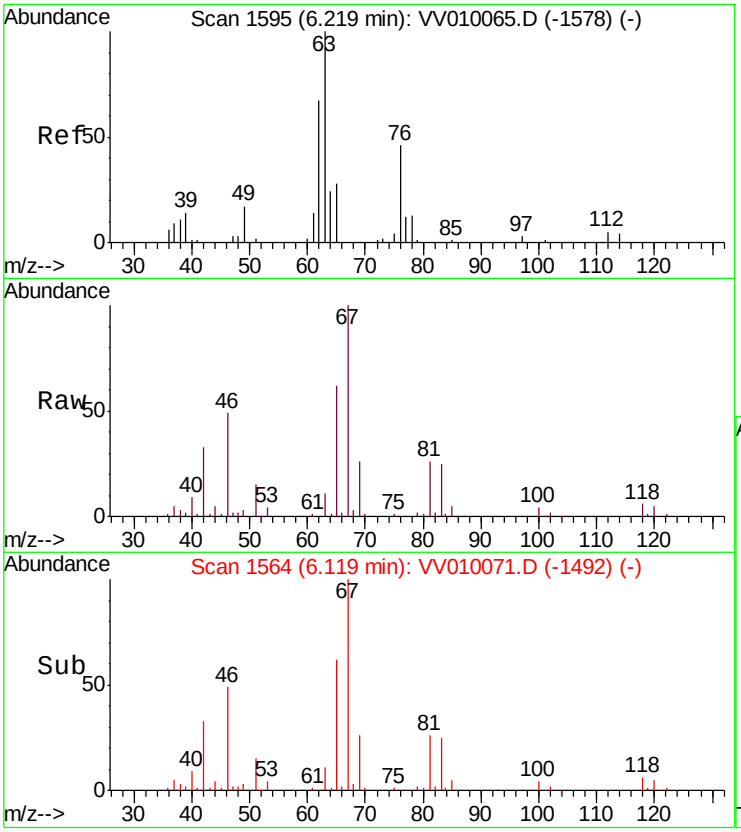


#25
Chloroform
Concen: 0.752 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Tgt Ion: 83 Resp: 3590

Ion	Ratio	Lower	Upper
83	100		
85	14.4	46.4	86.2#



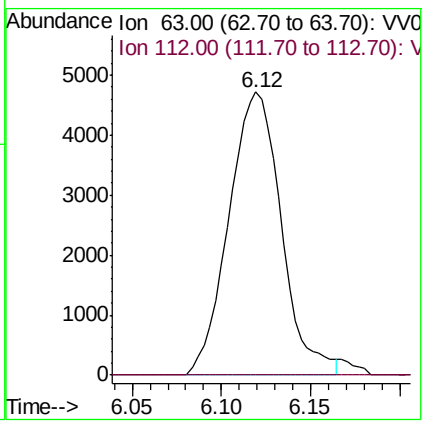


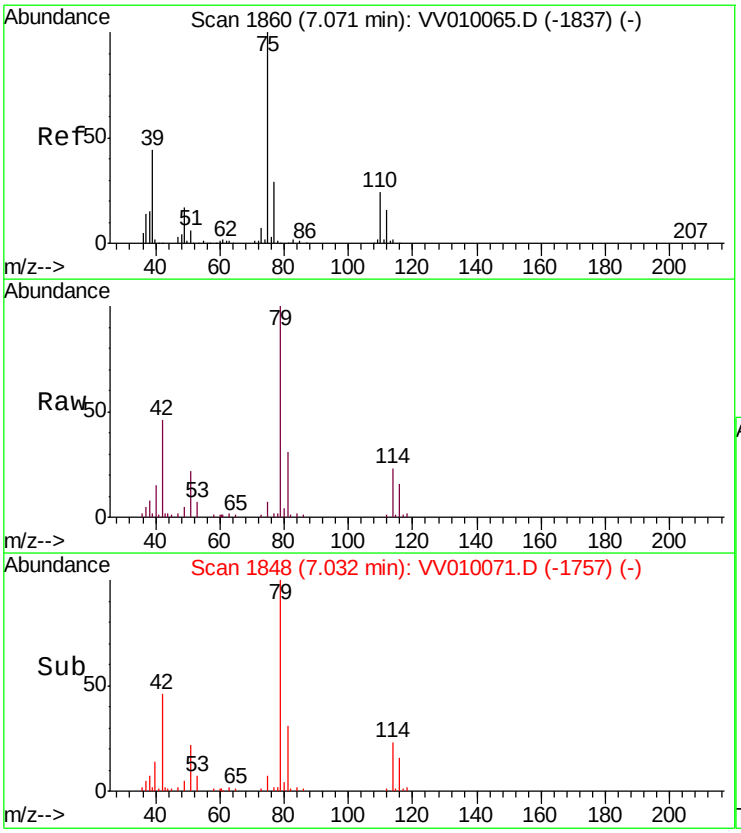
#40
1,2-Dichloropropane
Concen: 3.767 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Instrument : MSVOA_V
ClientSampleId : BF5G4

Tgt Ion: 63 Resp: 9661

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#

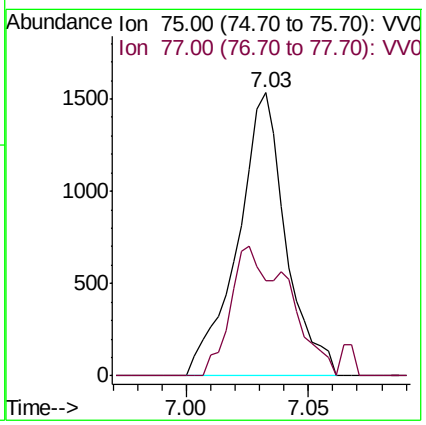


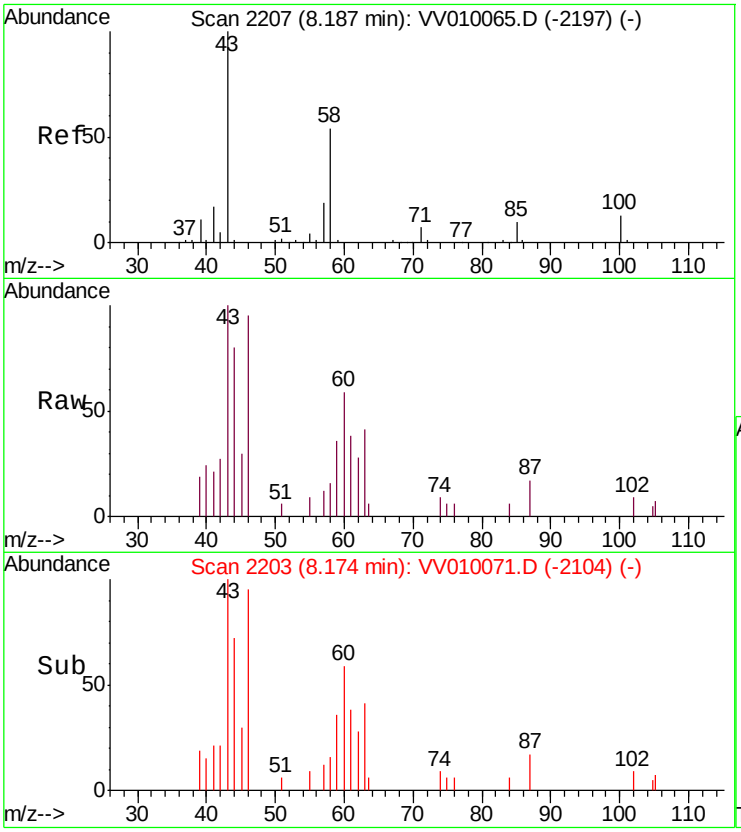


#42
cis-1,3-Dichloropropene
Concen: 0.565 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Tgt Ion: 75 Resp: 2096

Ion	Ratio	Lower	Upper
75	100		
77	33.7	22.1	41.1



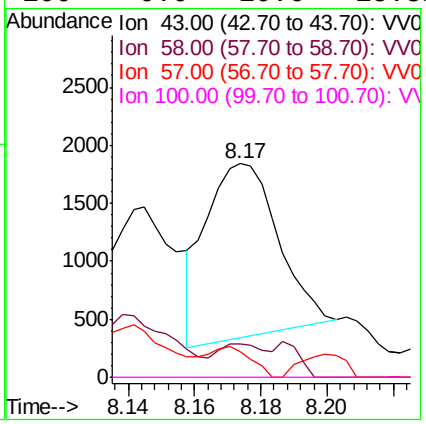


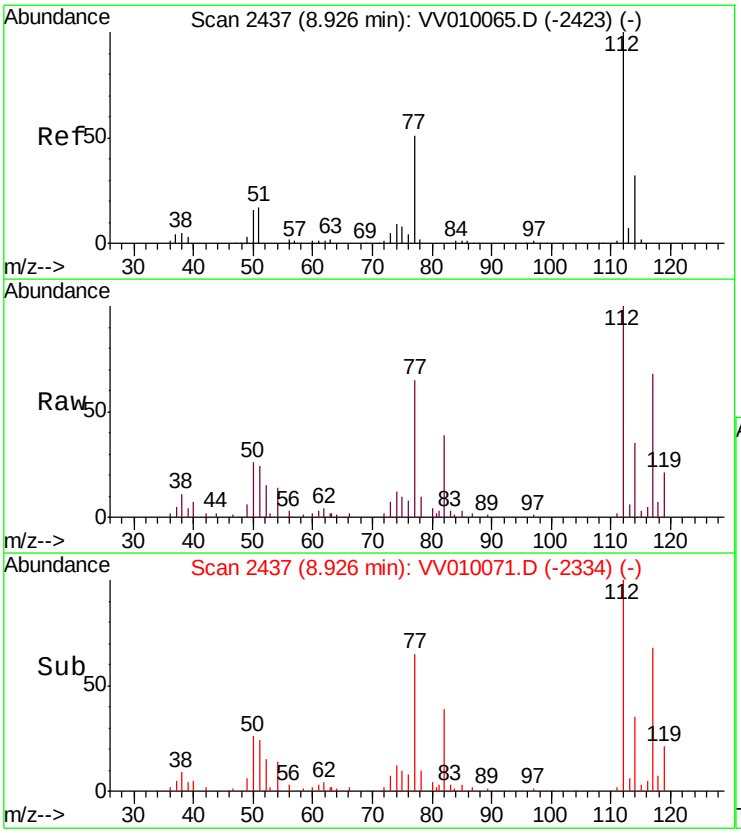
#49
2-Hexanone
Concen: 1.683 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Instrument : MSVOA_V
ClientSampleId : BF5G4

Tgt Ion: 43 Resp: 2281

Ion	Ratio	Lower	Upper
43	100		
58	13.0	44.3	66.5#
57	10.1	13.8	20.8#
100	0.0	10.6	15.8#





#52
Chlorobenzene
Concen: 2.142 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV010071.D
Acq: 02 Apr 2019 21:31

Tgt Ion:112 Resp: 16643

Ion	Ratio	Lower	Upper
112	100		
77	64.8	42.9	64.3#
114	35.0	23.4	43.4