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

Quantitation Report (Not Reviewed)

Data File : VV010080.D
Acq On : 03 Apr 2019 01:26
Operator : SY/MD
Sample : K2148-18
Misc : 5.33G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G2

Quant Time: Apr 03 06:52:07 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	5.66	114	195184	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	167723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49145	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	41232	15.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 63.12%			
7) Chloroethane-d5	1.57	69	69208	21.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.28%			
10) 1,1-Dichloroethene-d2	2.13	63	84559	12.83	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 51.32%			
20) 2-Butanone-d5	3.95	46	34108	45.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.74%			
24) Chloroform-d	4.40	84	112443	22.87	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.48%			
26) 1,2-Dichloroethane-d4	5.08	65	72056	26.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.76%			
29) Benzene-d6	5.10	84	227298	26.13	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.52%			
33) 1,2-Dichloropropane-d6	6.12	67	75606	29.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.80%			
37) Toluene-d8	7.36	98	188680	22.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.04%			
38) trans-1,3-Dichloropropene-	7.67	79	10464	9.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 38.16%			
39) 2-Hexanone-d5	8.14	63	19046	37.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.00%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	60873	24.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.20%			
61) 1,2-Dichlorobenzene-d4	11.68	152	47923	25.03	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.12%			
Target Compounds						Qvalue
13) Acetone	2.20	43	15946	21.691	ug/L	100
14) Carbon disulfide	2.32	76	1567	0.283	ug/L #	92
15) Methyl Acetate	2.47	43	1855	1.577	ug/L #	77
16) Methylene chloride	2.53	84	10144	2.958	ug/L	91
25) Chloroform	4.43	83	5635	1.270	ug/L #	70
40) 1,2-Dichloropropane	6.11	63	9145	4.413	ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	5864	3.465	ug/L	89

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

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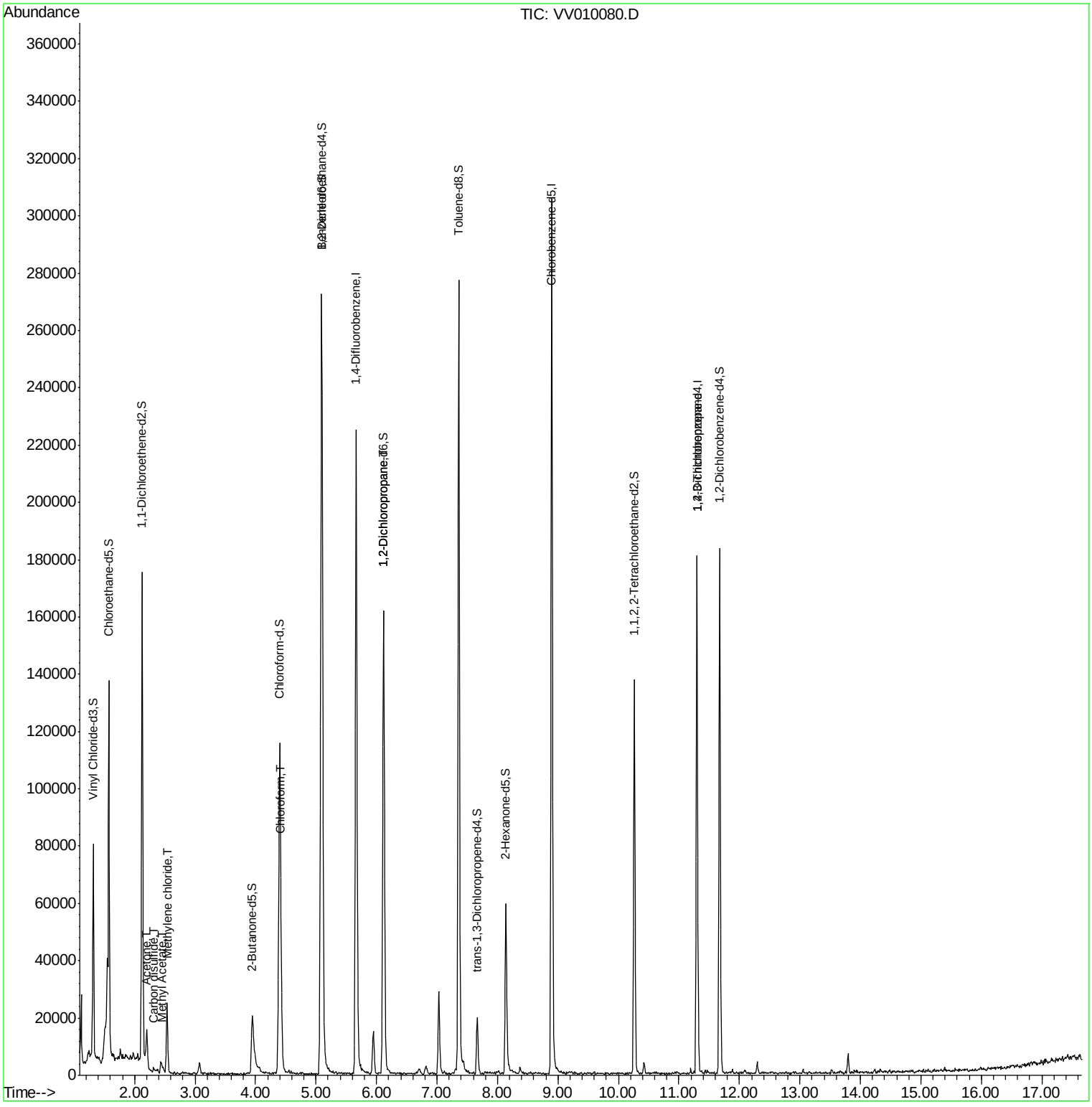
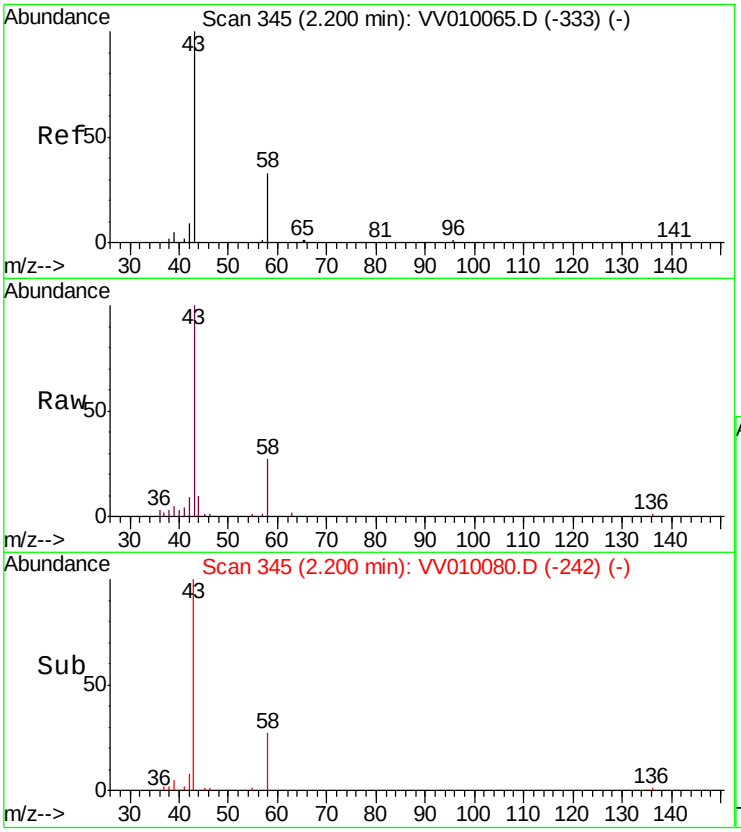
Response via : Initial Calibration



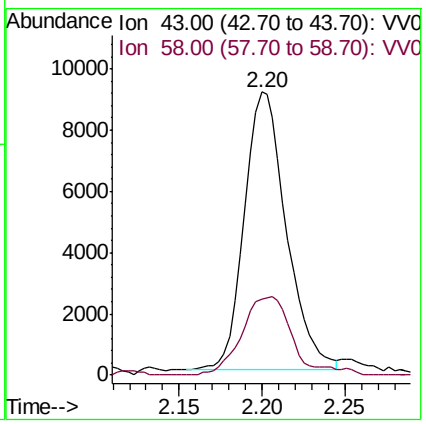


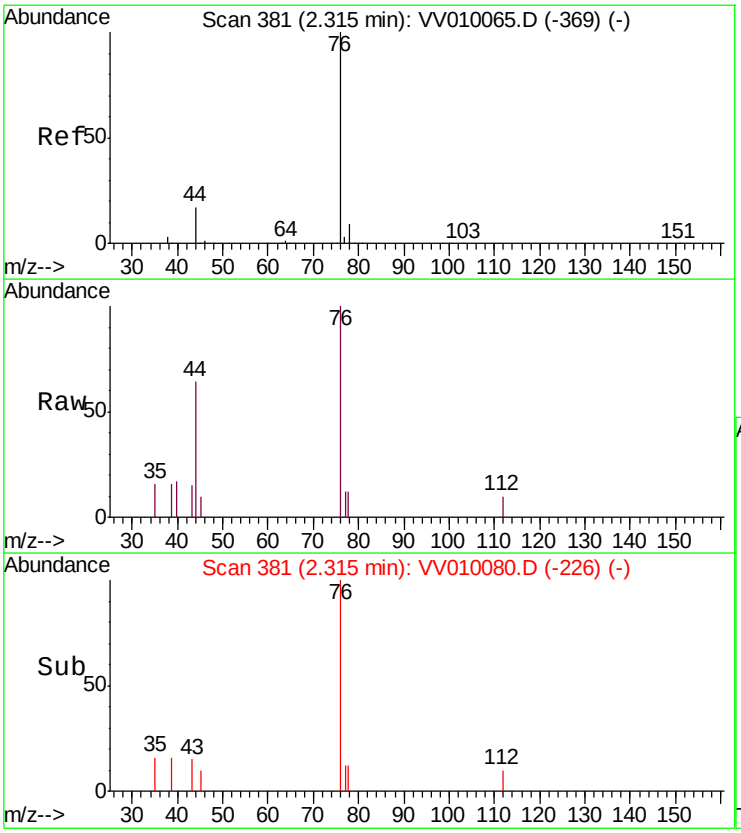
#13
Acetone
Concen: 21.691 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.00 min
Lab File: VV010080.D
Acq: 03 Apr 2019 01:26

Instrument :
MSVOA_V
ClientSampleId :
BF5G2

Tgt Ion: 43 Resp: 15946

Ion	Ratio	Lower	Upper
43	100		
58	32.2	0.0	64.6

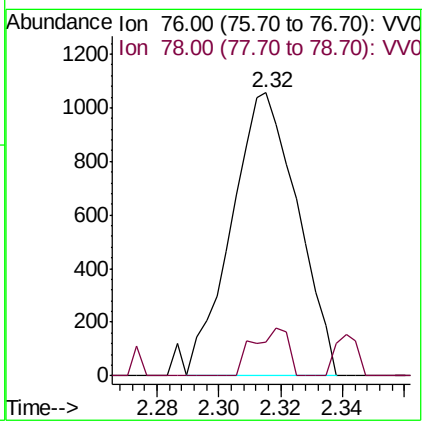


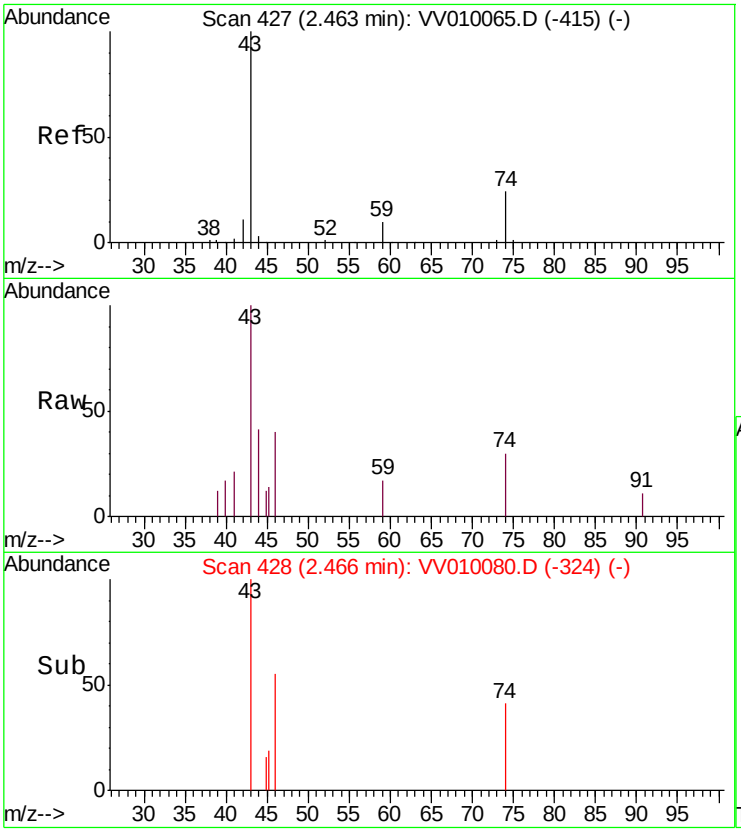


#14
Carbon disulfide
Concen: 0.283 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.00 min
Lab File: VV010080.D
Acq: 03 Apr 2019 01:26

Tgt Ion: 76 Resp: 1567

Ion	Ratio	Lower	Upper
76	100		
78	11.9	7.1	10.7#



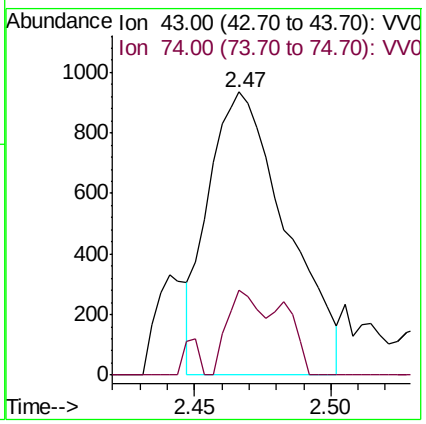


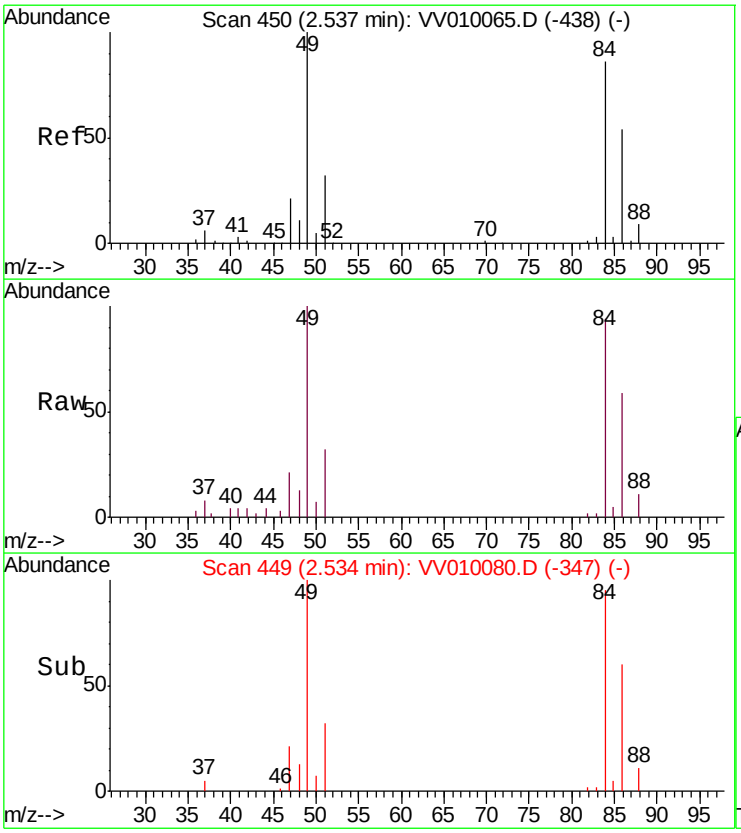
#15
Methyl Acetate
Concen: 1.577 ug/L
RT: 2.47 min Scan# 428
Delta R.T. 0.00 min
Lab File: VV010080.D
Acq: 03 Apr 2019 01:26

Instrument :
MSVOA_V
ClientSampleId :
BF5G2

Tgt Ion: 43 Resp: 1855

Ion	Ratio	Lower	Upper
43	100		
74	13.5	20.0	30.0#

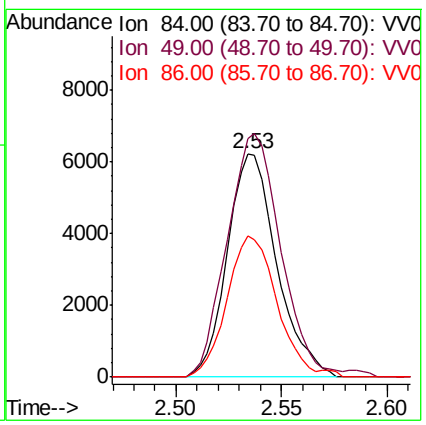


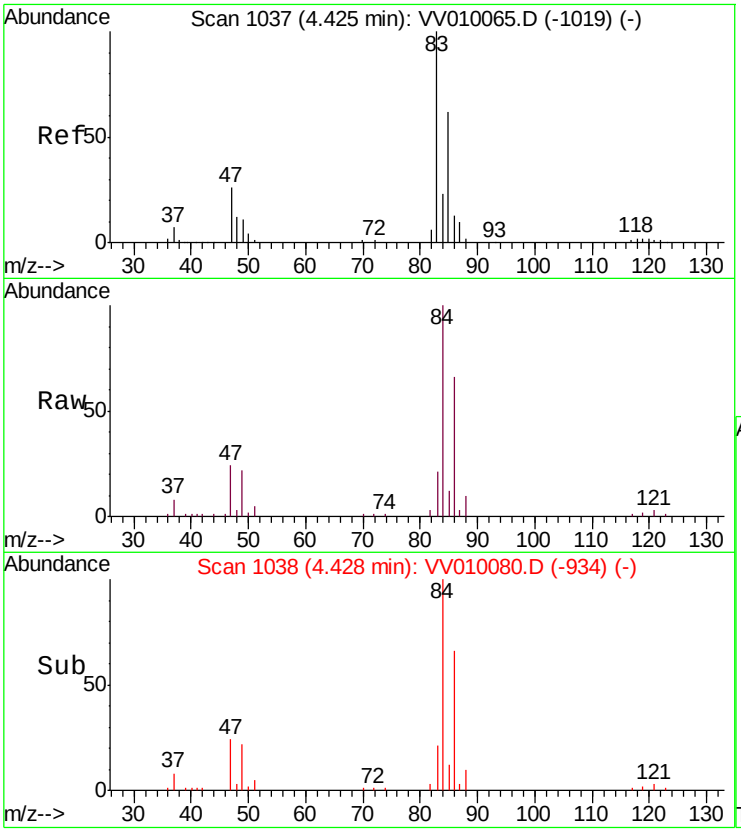


#16
Methylene chloride
Concen: 2.958 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010080.D
Acq: 03 Apr 2019 01:26

Tgt Ion: 84 Resp: 10144

Ion	Ratio	Lower	Upper
84	100		
49	106.6	84.3	156.5
86	63.0	45.4	84.2



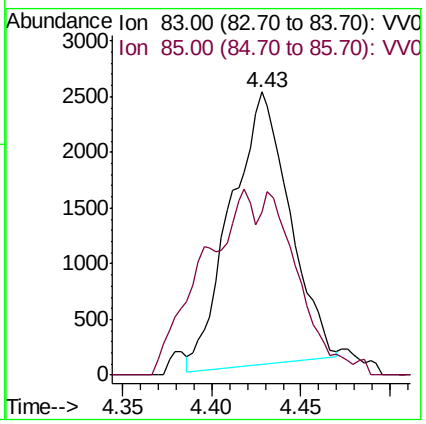


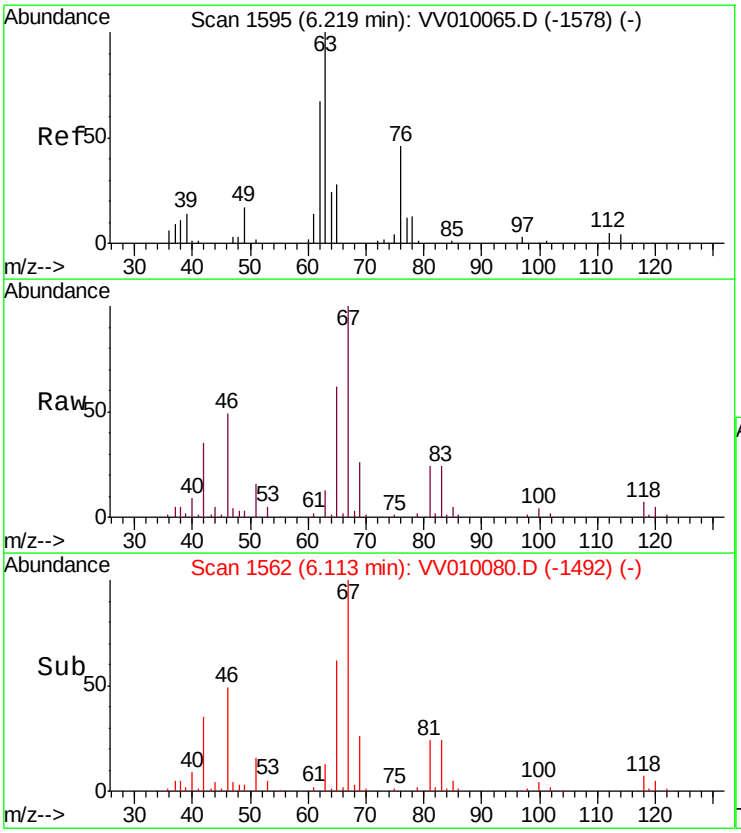
#25
Chloroform
Concen: 1.270 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010080.D
Acq: 03 Apr 2019 01:26

Instrument : MSVOA_V
ClientSampleId : BF5G2

Tgt Ion: 83 Resp: 5635

Ion	Ratio	Lower	Upper
83	100		
85	42.2	46.4	86.2#

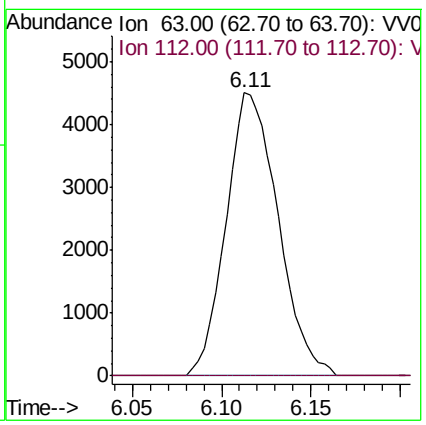


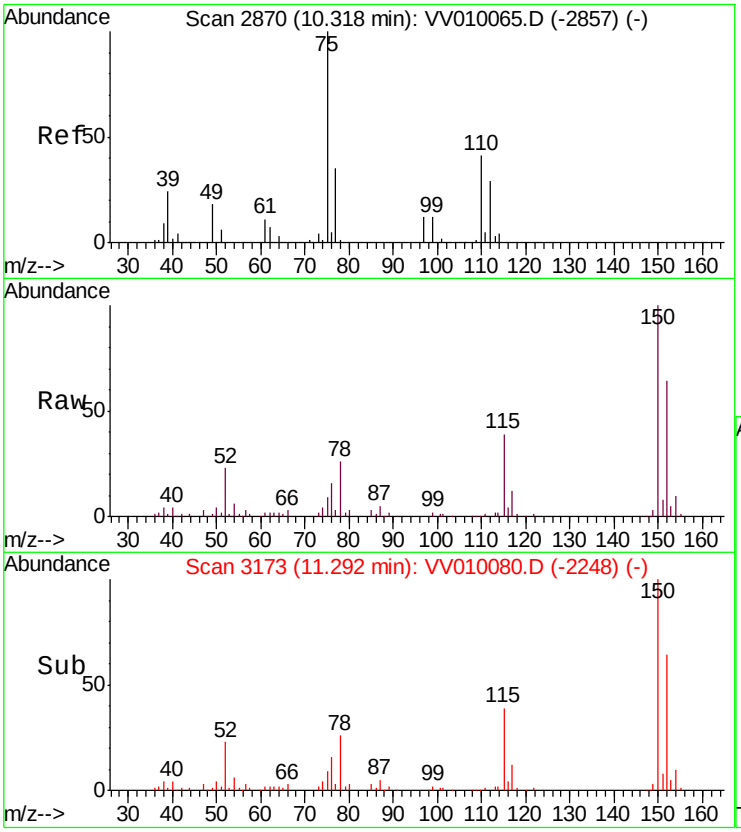


#40
1,2-Dichloropropane
Concen: 4.413 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010080.D
Acq: 03 Apr 2019 01:26

Tgt Ion: 63 Resp: 9145

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#





#59
1,2,3-Trichloropropane
Concen: 3.465 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.97 min
Lab File: VV010080.D
Acq: 03 Apr 2019 01:26

Instrument :
MSVOA_V
ClientSampleId :
BF5G2

Tgt Ion: 75 Resp: 5864

Ion	Ratio	Lower	Upper
75	100		
77	38.3	25.8	38.8