Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040819\
Data File : VV010176.D
Acq On : 08 Apr 2019 15:22
Operator : SY/MD
Sample : K2218-07
Misc : 4.52G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5Z7

Quant Time: Apr 09 05:35:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	121742	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114281	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	38052	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	12454	7.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 30.56%			
7) Chloroethane-d5	1.57	69	25623	12.66	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 50.64%			
10) 1,1-Dichloroethene-d2	2.12	63	33401	8.12	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 32.48%#			
20) 2-Butanone-d5	3.95	46	23802	51.32	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 102.64%			
24) Chloroform-d	4.40	84	76163	24.83	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.32%			
26) 1,2-Dichloroethane-d4	5.08	65	60864	35.47	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 141.88%#			
29) Benzene-d6	5.10	84	131318	22.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 88.64%			
33) 1,2-Dichloropropane-d6	6.12	67	52701	30.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.52%#			
37) Toluene-d8	7.36	98	105519	18.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.92%			
38) trans-1,3-Dichloropropene-	7.67	79	13873	18.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.24%			
39) 2-Hexanone-d5	8.14	63	16140	46.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 92.02%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58945	34.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 136.68%#			
61) 1,2-Dichlorobenzene-d4	11.68	152	32117	21.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.68%			
Target Compounds						Qvalue
13) Acetone	2.20	43	3060	6.674	ug/L	70
15) Methyl Acetate	2.48	43	695	0.947	ug/L #	64
16) Methylene chloride	2.53	84	10757	5.029	ug/L	96
21) 2-Butanone	4.01	43	2498	4.974	ug/L #	49
25) Chloroform	4.43	83	2077	0.750	ug/L	79
36) Methylcyclohexane	6.12	83	12527	5.198	ug/L #	21
49) 2-Hexanone	8.17	43	6026	8.075	ug/L #	41
59) 1,2,3-Trichloropropane	11.30	75	4385	3.803	ug/L #	87

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

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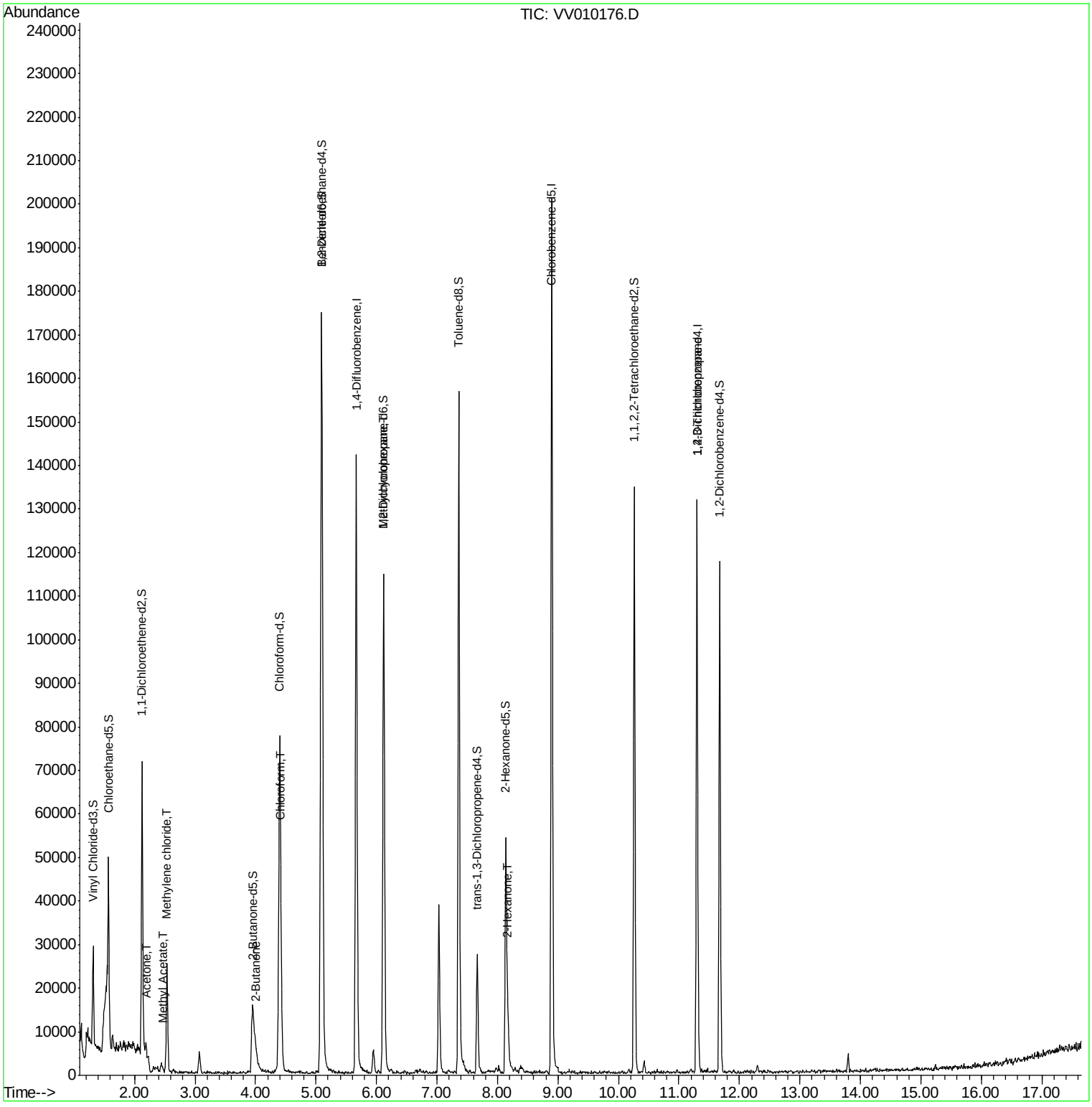
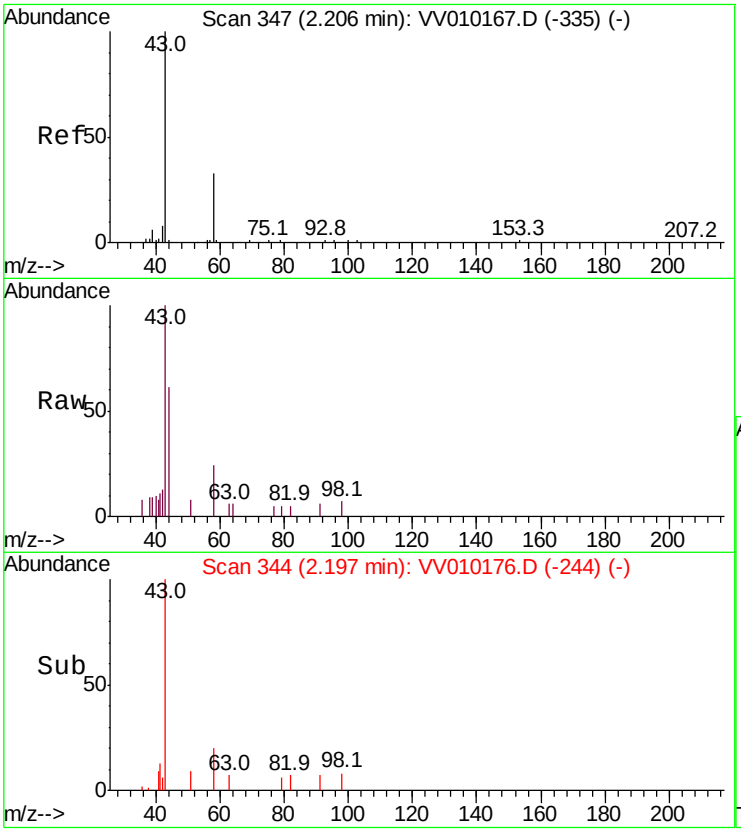


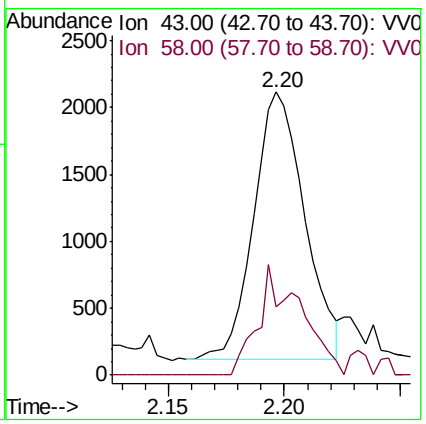


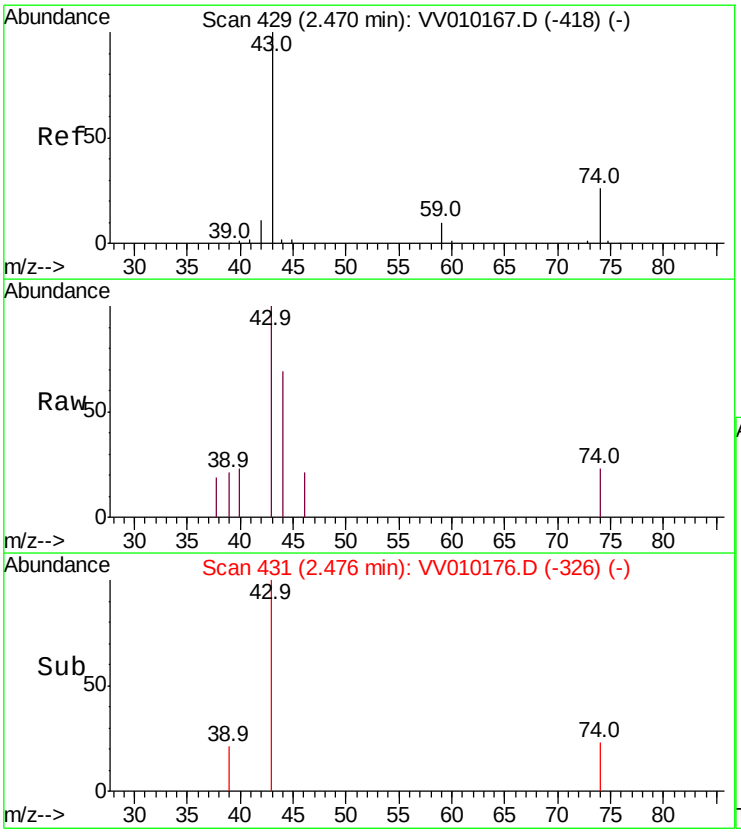
#13
Acetone
Concen: 6.674 ug/L
RT: 2.20 min Scan# 344
Delta R.T. -0.01 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Instrument : MSVOA_V
ClientSampleId : BF5Z7

Tgt Ion: 43 Resp: 3060

Ion	Ratio	Lower	Upper
43	100		
58	15.4	0.0	64.6

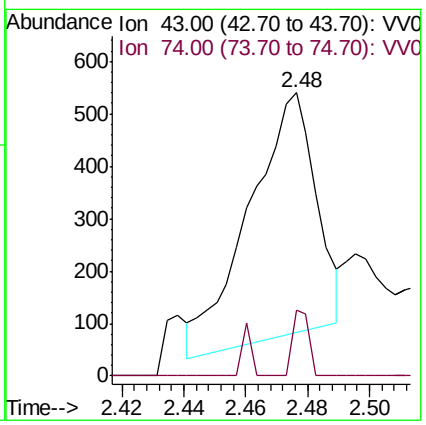


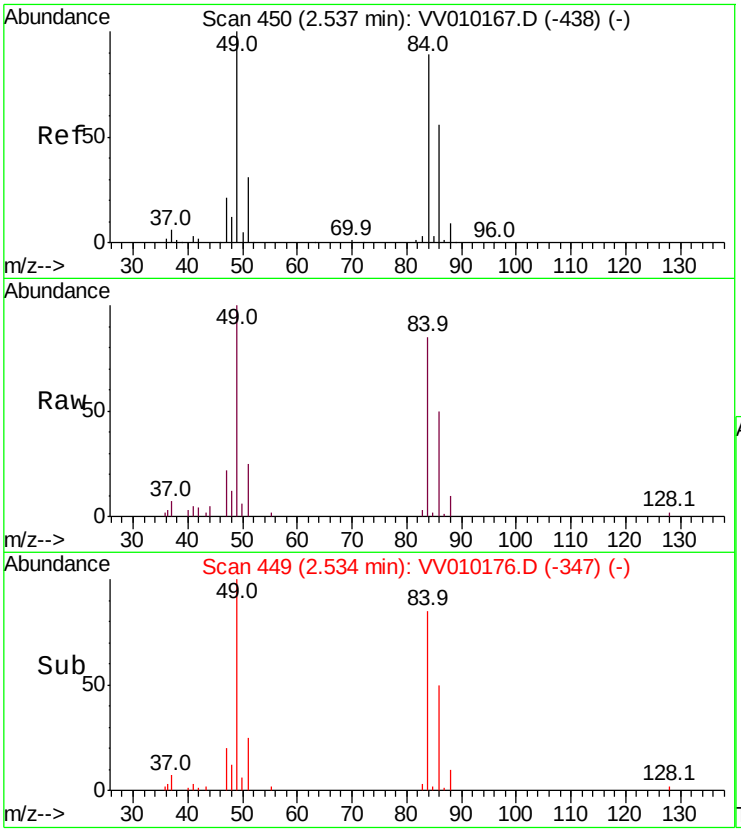


#15
Methyl Acetate
Concen: 0.947 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.01 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Tgt Ion: 43 Resp: 695

Ion	Ratio	Lower	Upper
43	100		
74	6.8	20.0	30.0#



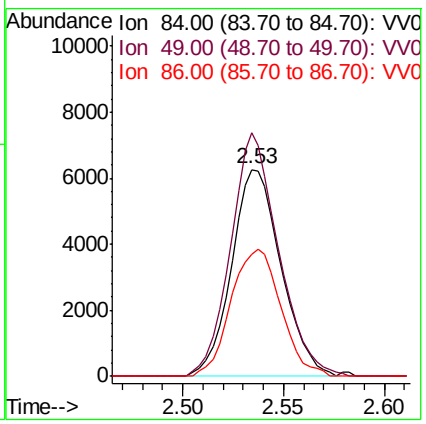


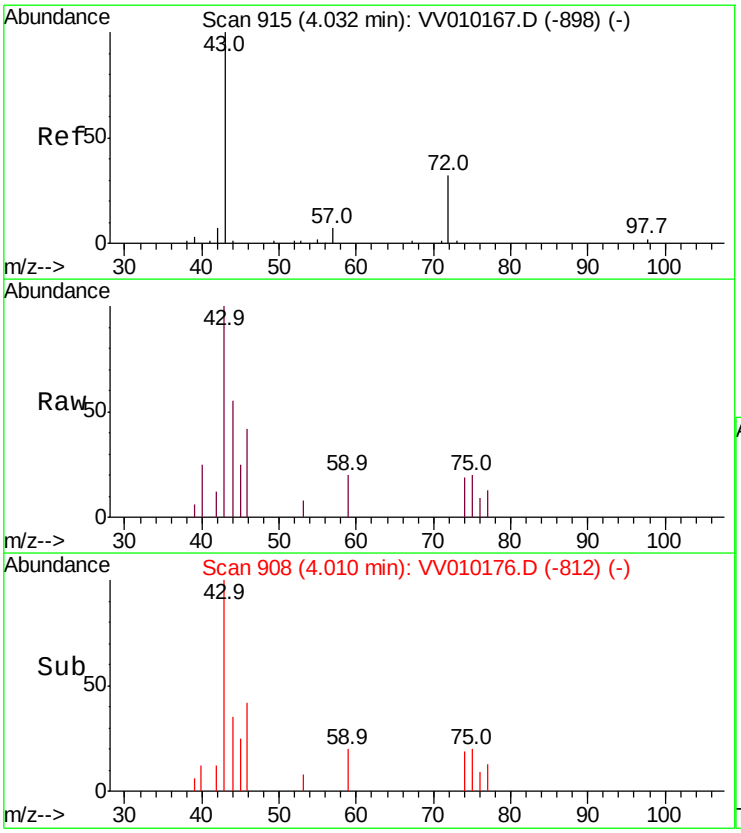
#16
Methylene chloride
Concen: 5.029 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Instrument : MSVOA_V
ClientSampleId : BF5Z7

Tgt Ion: 84 Resp: 10757

Ion	Ratio	Lower	Upper
84	100		
49	117.6	84.3	156.5
86	58.7	45.4	84.2

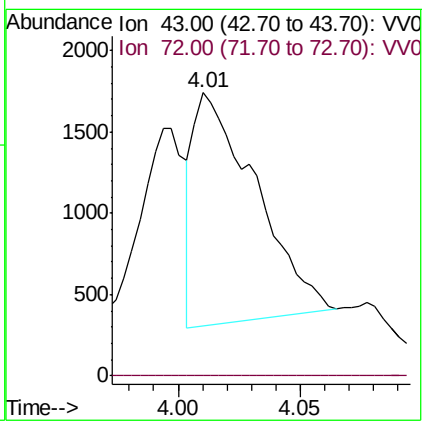


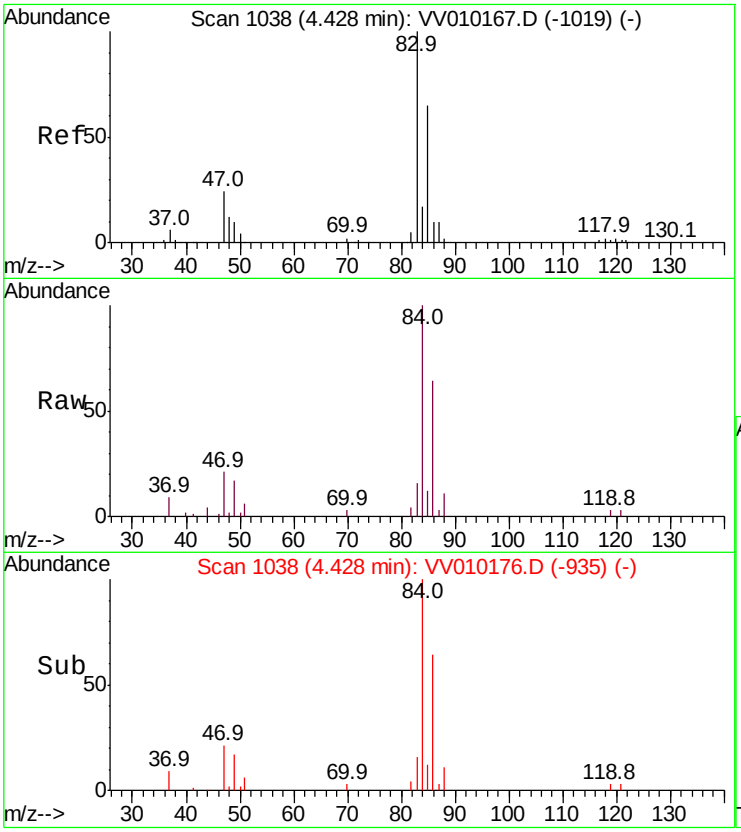


#21
2-Butanone
Concen: 4.974 ug/L
RT: 4.01 min Scan# 908
Delta R.T. -0.02 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Tgt Ion: 43 Resp: 2498

Ion	Ratio	Lower	Upper
43	100		
72	0.0	12.8	38.4#



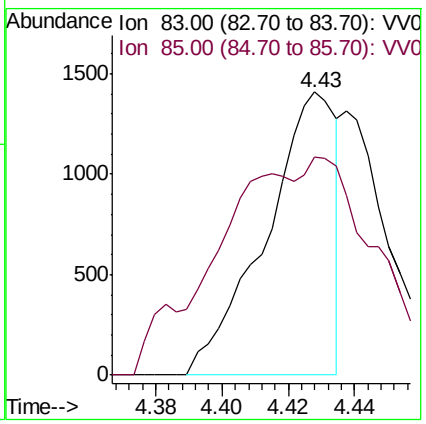


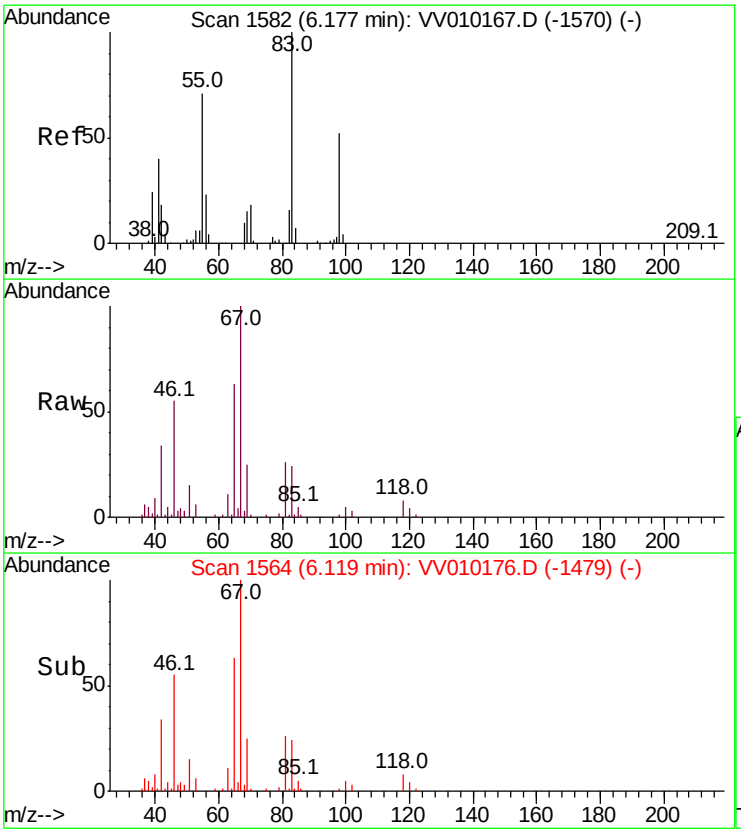
#25
Chloroform
Concen: 0.750 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Instrument : MSVOA_V
ClientSampleId : BF5Z7

Tgt Ion: 83 Resp: 2077

Ion	Ratio	Lower	Upper
83	100		
85	49.3	46.4	86.2

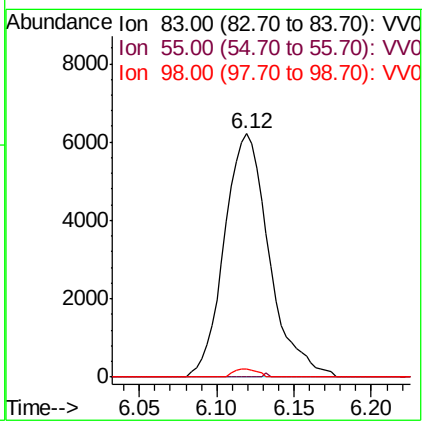


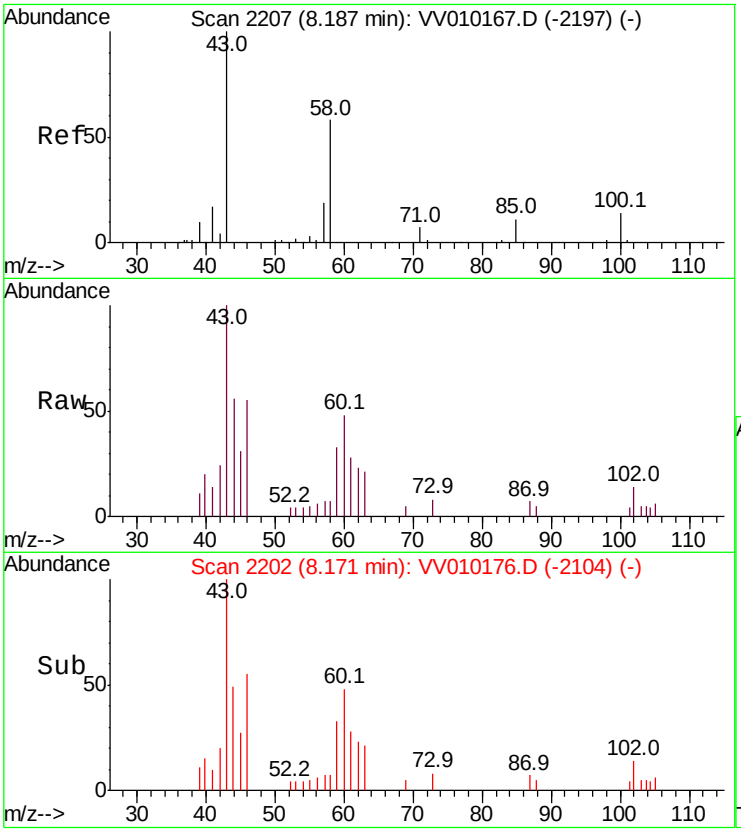


#36
Methylcyclohexane
Concen: 5.198 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Tgt Ion: 83 Resp: 12527

Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.3	84.5#
98	1.8	39.0	58.6#



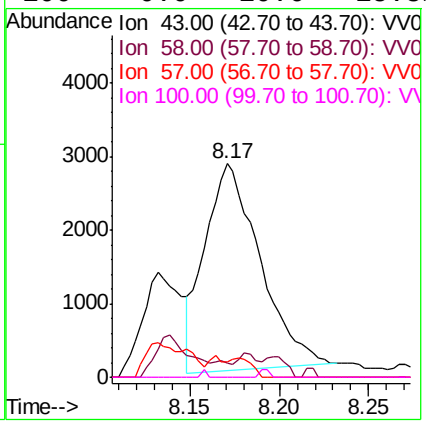


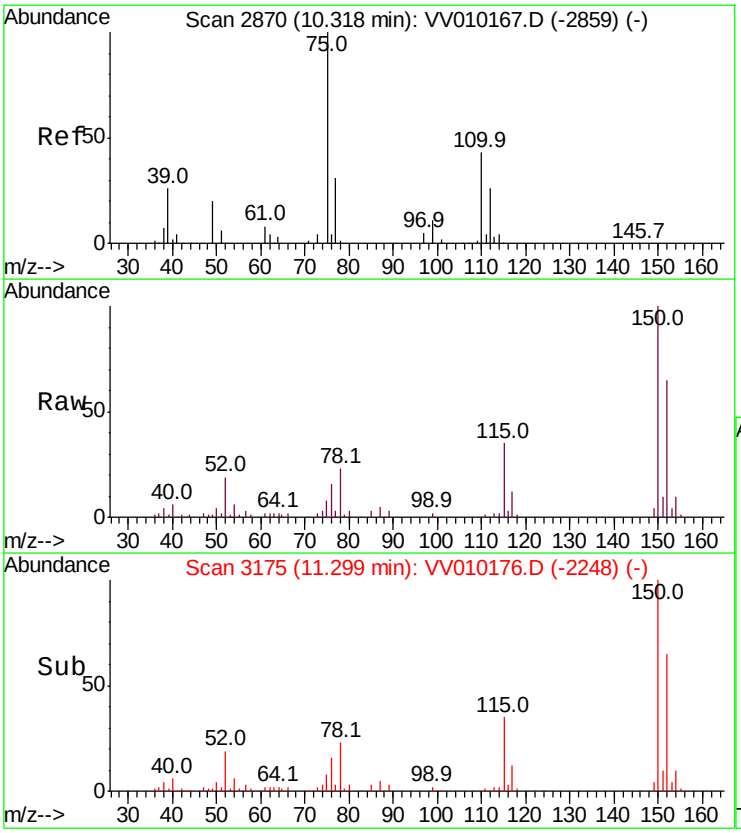
#49
2-Hexanone
Concen: 8.075 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.02 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Instrument : MSVOA_V
ClientSampleId : BF5Z7

Tgt Ion: 43 Resp: 6026

Ion	Ratio	Lower	Upper
43	100		
58	2.5	44.3	66.5#
57	2.4	13.8	20.8#
100	0.0	10.6	15.8#





#59
1,2,3-Trichloropropane
Concen: 3.803 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010176.D
Acq: 08 Apr 2019 15:22

Tgt Ion: 75 Resp: 4385

Ion	Ratio	Lower	Upper
75	100		
77	39.4	25.8	38.8#