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

Quantitation Report (Not Reviewed)

Data File : VV010073.D
Acq On : 02 Apr 2019 22:23
Operator : SY/MD
Sample : K2148-09
Misc : 3.44G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5G8

Quant Time: Apr 03 06:50:36 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	173970	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	110678	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	19479	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	35357	15.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.72%			
7) Chloroethane-d5	1.58	69	70598	24.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.60%			
10) 1,1-Dichloroethene-d2	2.13	63	54152	9.22	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 36.88%#			
20) 2-Butanone-d5	3.98	46	107	0.16	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.32%#			
24) Chloroform-d	4.40	84	108056	24.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.60%			
26) 1,2-Dichloroethane-d4	5.08	65	69270	28.25	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.00%			
29) Benzene-d6	5.10	84	221467	38.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 154.36%#			
33) 1,2-Dichloropropane-d6	6.12	67	72391	42.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 170.96%#			
37) Toluene-d8	7.36	98	163197	29.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 118.04%			
38) trans-1,3-Dichloropropene-	7.67	79	424	0.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 2.36%#			
39) 2-Hexanone-d5	8.15	63	137	0.40	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.80%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34357	20.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.28%			
61) 1,2-Dichlorobenzene-d4	11.67	152	17974	23.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.76%			
Target Compounds						Qvalue
13) Acetone	2.20	43	16971	25.900	ug/L	88
15) Methyl Acetate	2.46	43	2056	1.961	ug/L #	61
16) Methylene chloride	2.54	84	11633	3.806	ug/L	92
21) 2-Butanone	4.03	43	3527	4.915	ug/L #	73
25) Chloroform	4.42	83	1947	0.492	ug/L	94
40) 1,2-Dichloropropane	6.12	63	8572	6.268	ug/L #	86
44) Toluene	7.43	91	3220	0.530	ug/L	88
49) 2-Hexanone	8.19	43	3057	4.230	ug/L #	49

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

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BF5G8

Quant Time: Apr 03 06:50:36 2019
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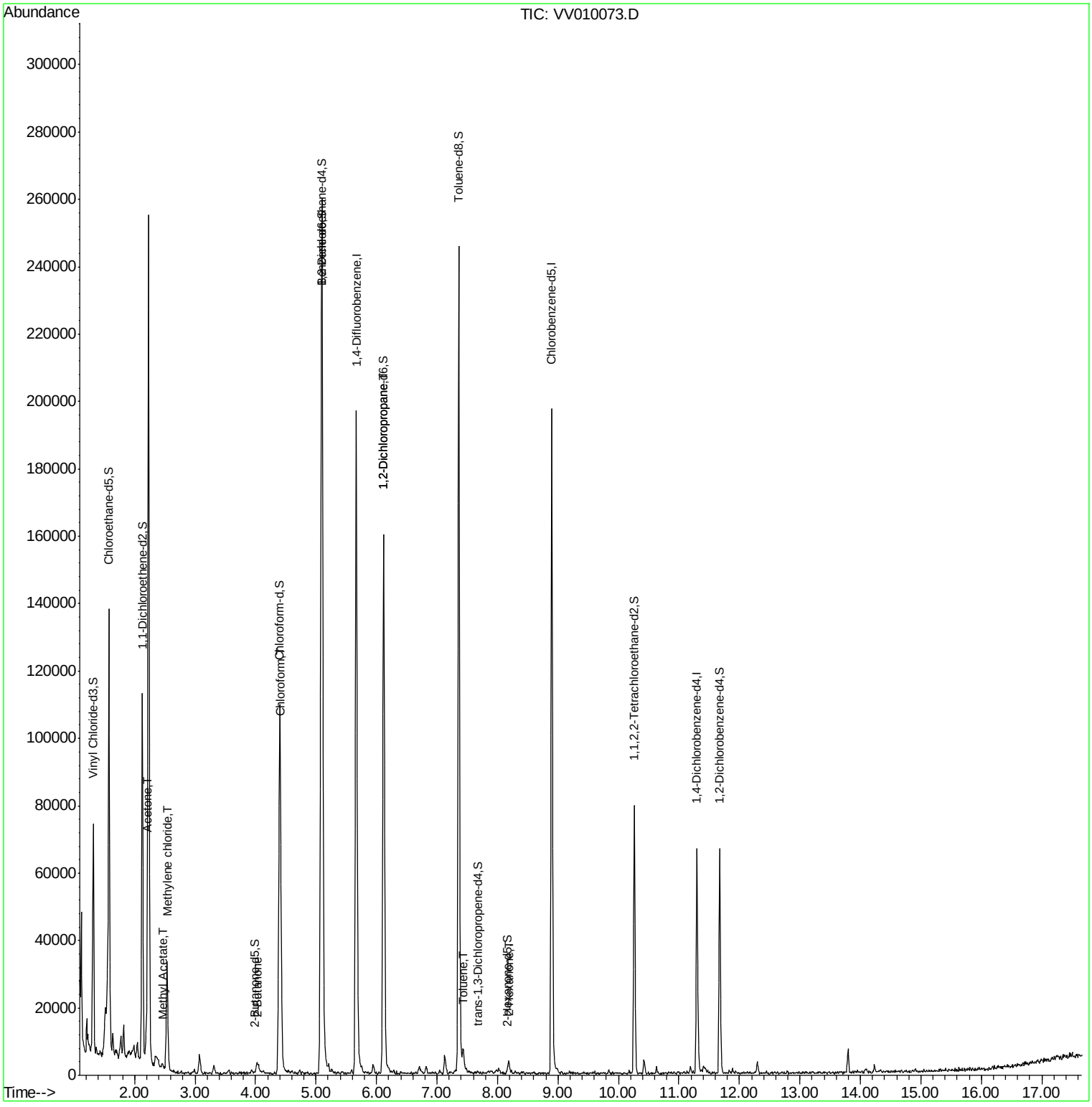
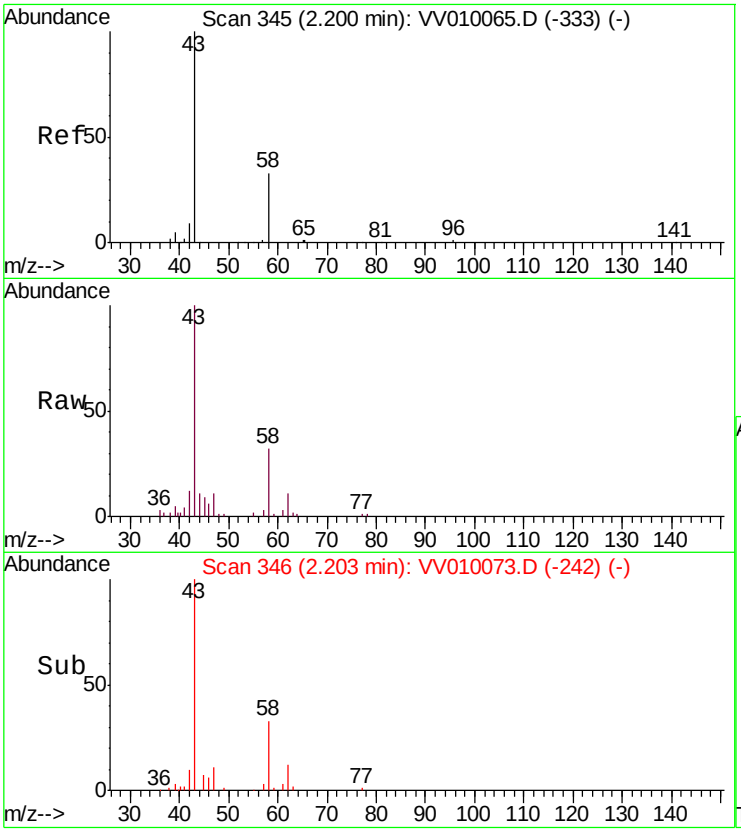
Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration



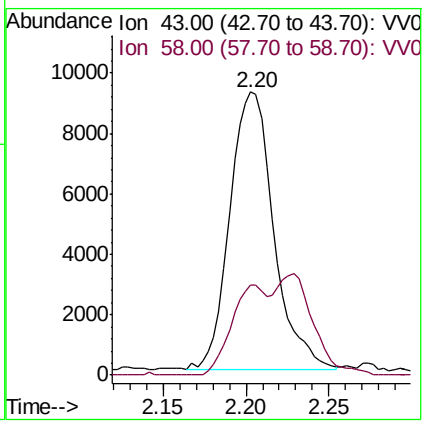


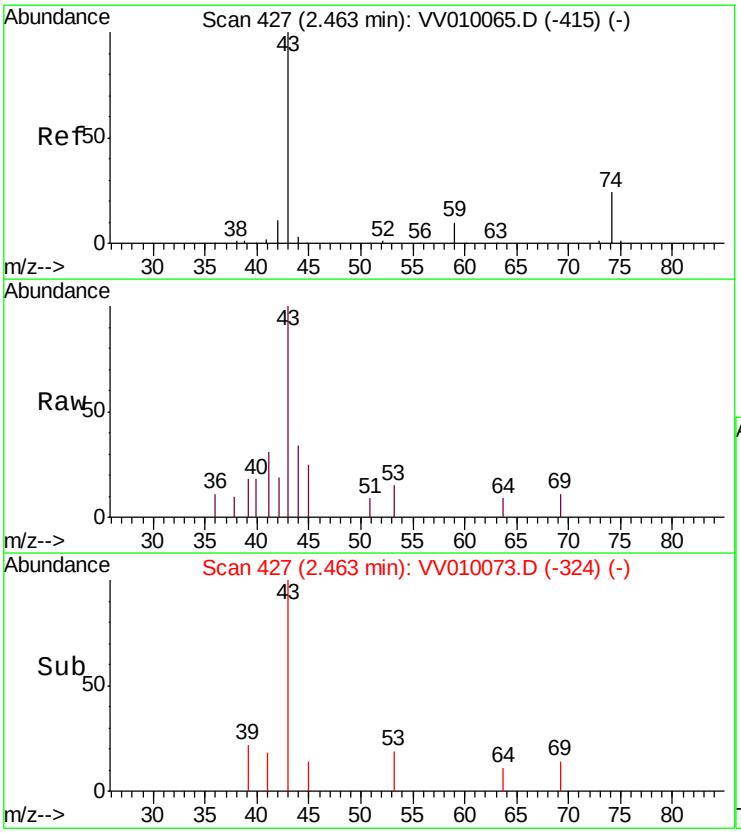
#13
Acetone
Concen: 25.900 ug/L
RT: 2.20 min Scan# 346
Delta R.T. 0.00 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Instrument :
MSVOA_V
ClientSampleId :
BF5G8

Tgt Ion: 43 Resp: 16971

Ion	Ratio	Lower	Upper
43	100		
58	25.4	0.0	64.6

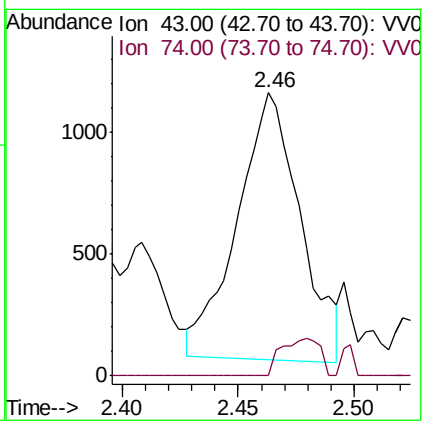


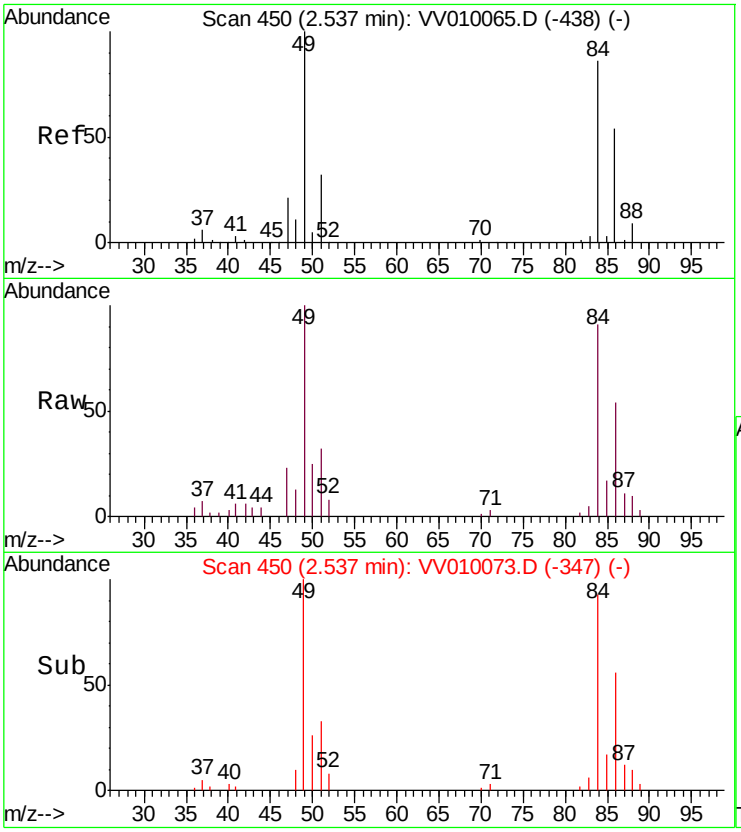


#15
Methyl Acetate
Concen: 1.961 ug/L
RT: 2.46 min Scan# 427
Delta R.T. -0.00 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Tgt Ion: 43 Resp: 2056

Ion	Ratio	Lower	Upper
43	100		
74	5.3	20.0	30.0#



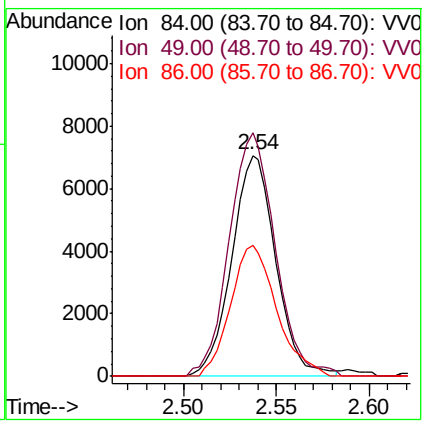


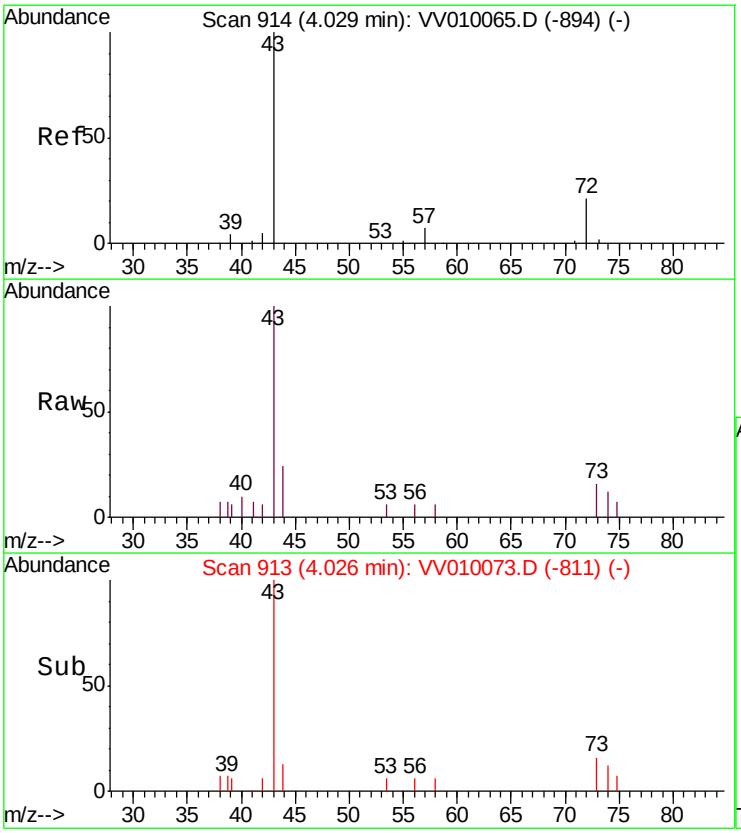
#16
Methylene chloride
Concen: 3.806 ug/L
RT: 2.54 min Scan# 450
Delta R.T. -0.00 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Instrument :
MSVOA_V
ClientSampleId :
BF5G8

Tgt Ion: 84 Resp: 11633

Ion	Ratio	Lower	Upper
84	100		
49	110.2	84.3	156.5
86	59.5	45.4	84.2

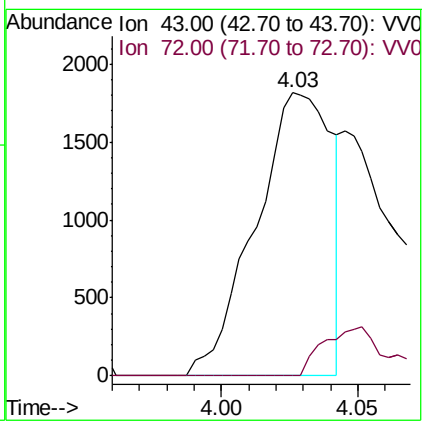


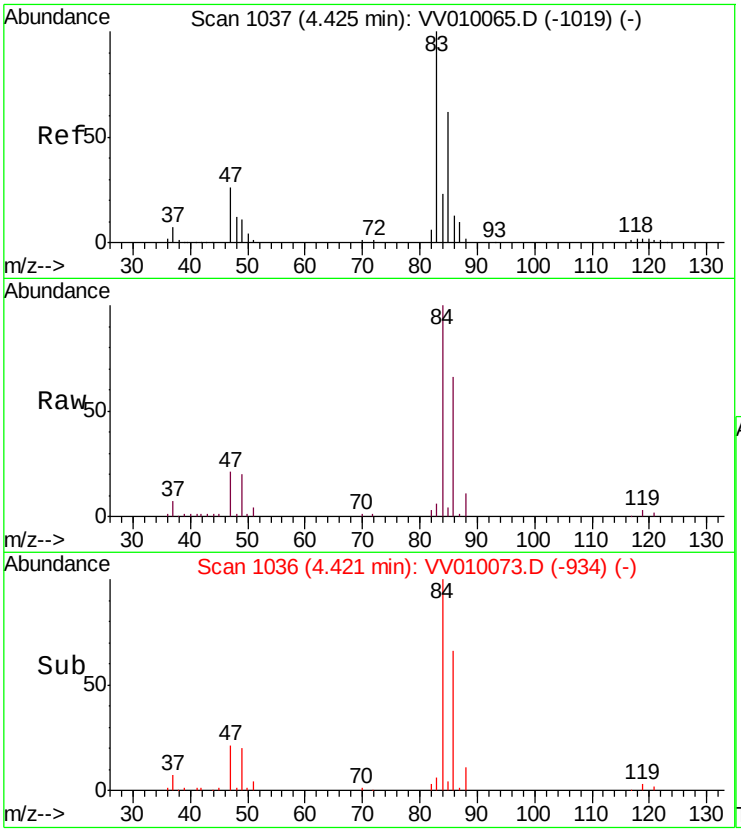


#21
2-Butanone
Concen: 4.915 ug/L
RT: 4.03 min Scan# 913
Delta R.T. -0.00 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Tgt Ion: 43 Resp: 3527

Ion	Ratio	Lower	Upper
43	100		
72	11.9	12.8	38.4#



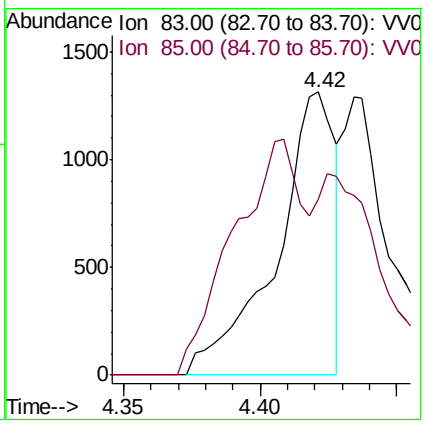


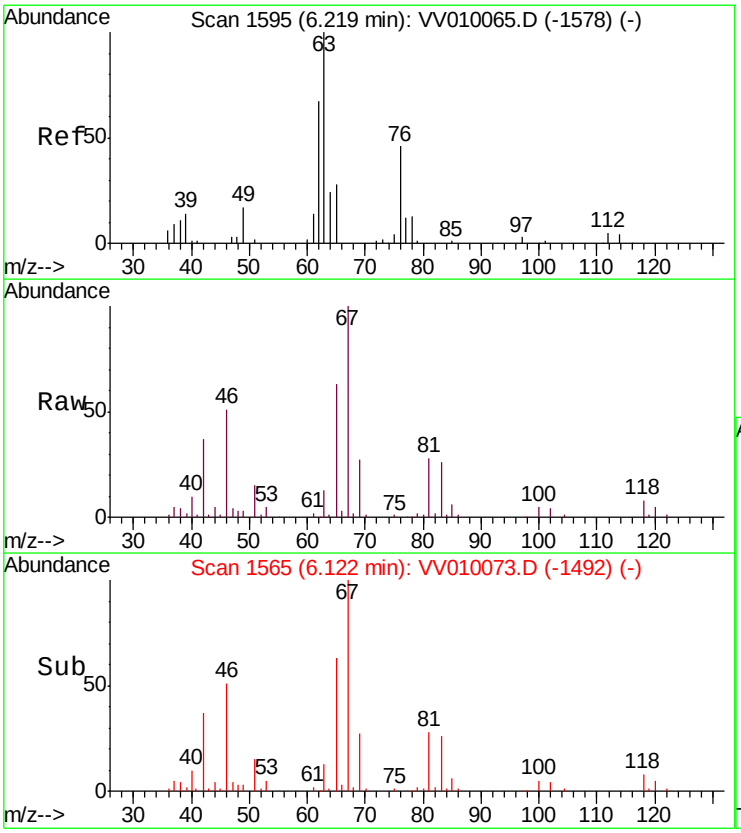
#25
Chloroform
Concen: 0.492 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Instrument :
MSVOA_V
ClientSampleId :
BF5G8

Tgt Ion: 83 Resp: 1947

Ion	Ratio	Lower	Upper
83	100		
85	61.2	46.4	86.2

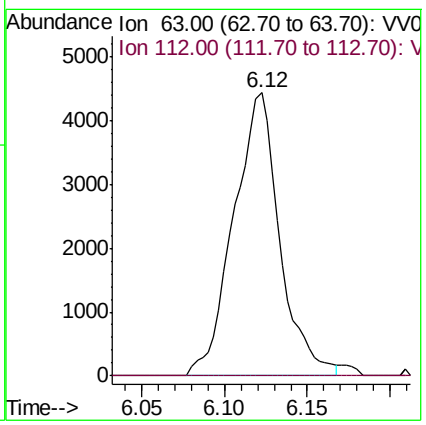


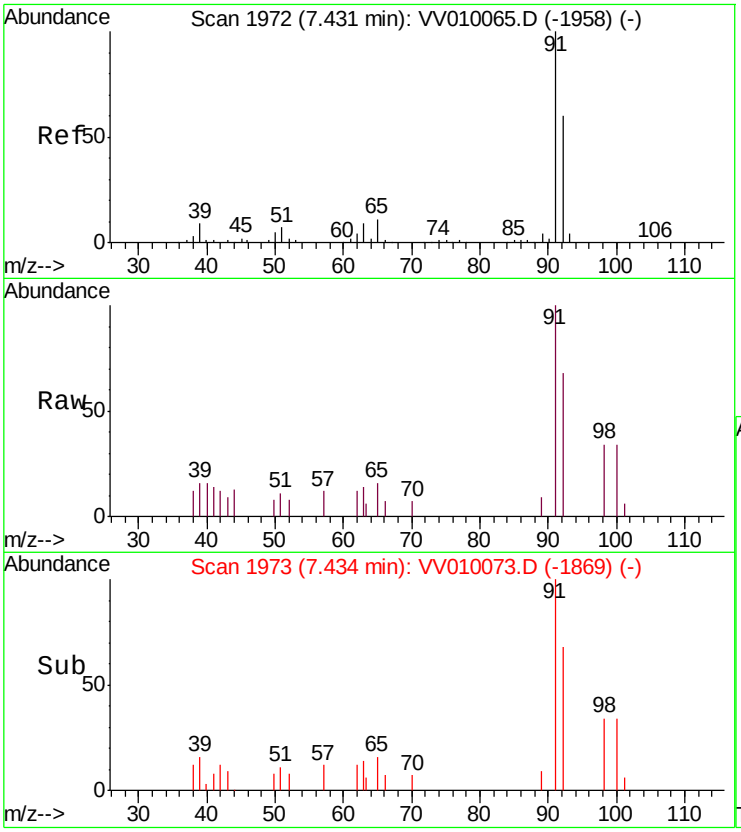


#40
1,2-Dichloropropane
Concen: 6.268 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Tgt Ion: 63 Resp: 8572

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.6	5.4#



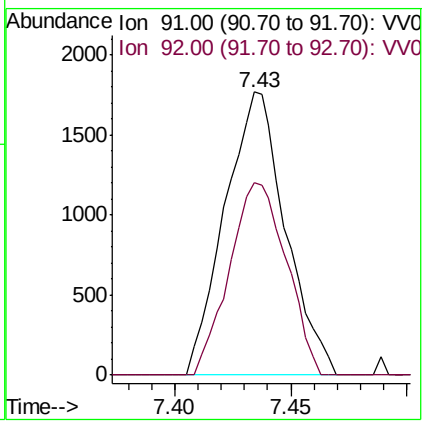


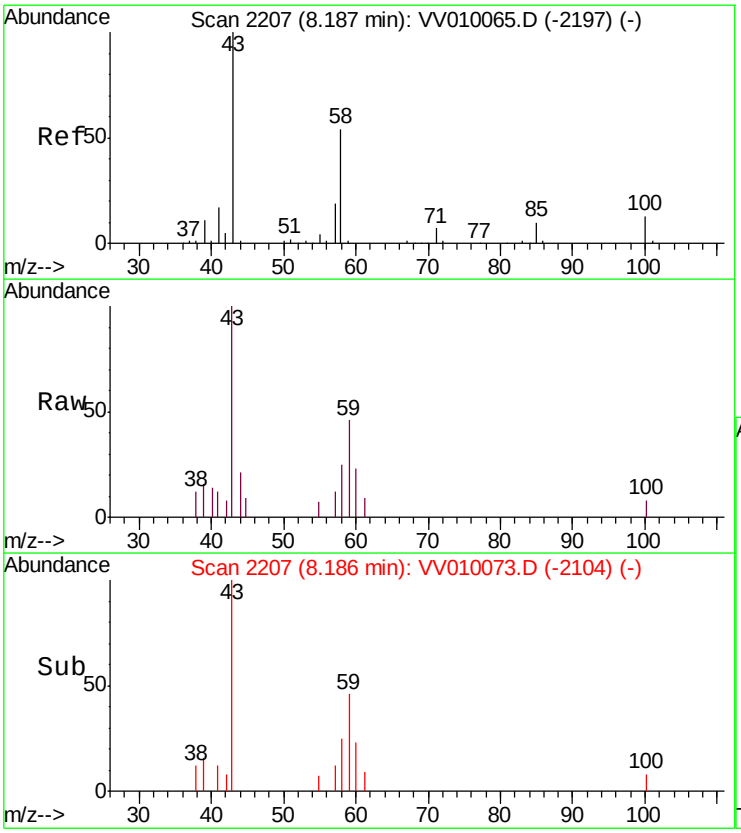
#44
Toluene
Concen: 0.530 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Instrument : MSVOA_V
ClientSampleId : BF5G8

Tgt Ion: 91 Resp: 3220

Ion	Ratio	Lower	Upper
91	100		
92	67.9	41.0	76.2





#49
2-Hexanone
Concen: 4.230 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV010073.D
Acq: 02 Apr 2019 22:23

Tgt Ion: 43 Resp: 3057

Ion	Ratio	Lower	Upper
43	100		
58	10.9	44.3	66.5#
57	4.1	13.8	20.8#
100	0.0	10.6	15.8#