Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050919\

Quantitation Report (Not Reviewed)

Data File : VV010815.D
Acq On : 10 May 2019 15:51
Operator : SY/MD
Sample : K2693-10RE
Misc : 4.73G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHL1RE

Quant Time: May 10 23:03:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	73539	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	65545	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21418	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24768	21.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.72%			
7) Chloroethane-d5	1.57	69	24689	26.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.04%			
10) 1,1-Dichloroethene-d2	2.12	63	40557	16.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.48%			
20) 2-Butanone-d5	3.93	46	13082	38.16	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 76.32%			
24) Chloroform-d	4.40	84	50024	24.95	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.80%			
26) 1,2-Dichloroethane-d4	5.08	65	33622	26.85	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.40%			
29) Benzene-d6	5.09	84	95975	27.82	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 111.28%			
33) 1,2-Dichloropropane-d6	6.11	67	33580	30.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 122.20%#			
37) Toluene-d8	7.36	98	80537	24.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.52%			
38) trans-1,3-Dichloropropene-	7.66	79	10633	21.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 84.88%			
39) 2-Hexanone-d5	8.13	63	9663	42.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.02%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25293	24.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 97.92%			
61) 1,2-Dichlorobenzene-d4	11.67	152	21617	26.06	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.24%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1175	2.214	ug/L	87
16) Methylene chloride	2.53	84	3217	2.829	ug/L	90
21) 2-Butanone	3.98	43	976	1.940	ug/L #	53
25) Chloroform	4.42	83	5443	2.446	ug/L	92
35) Trichloroethene	5.66	95	2358	2.188	ug/L #	7
49) 2-Hexanone	8.16	43	2699	4.120	ug/L #	50
59) 1,2,3-Trichloropropane	11.30	75	3249	3.779	ug/L	93

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

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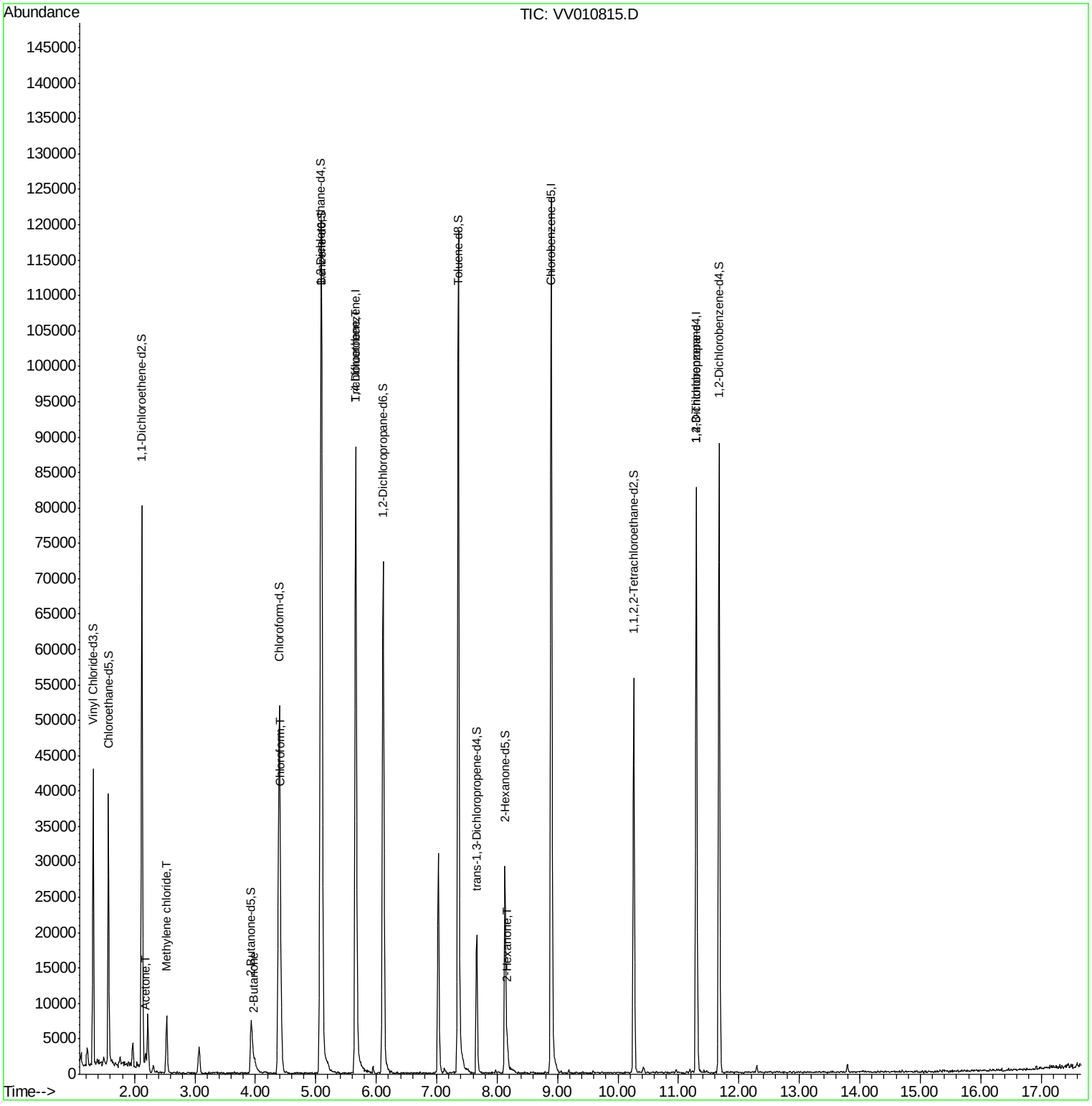
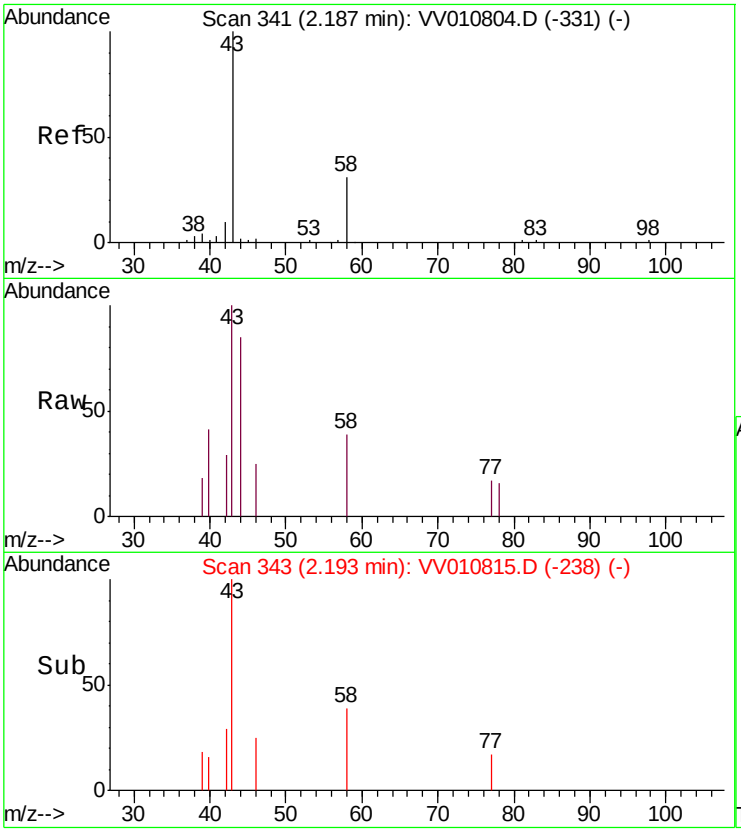
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration



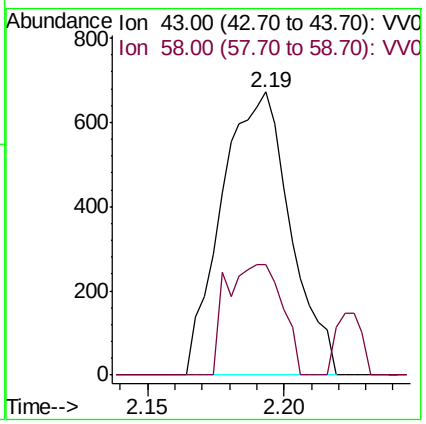


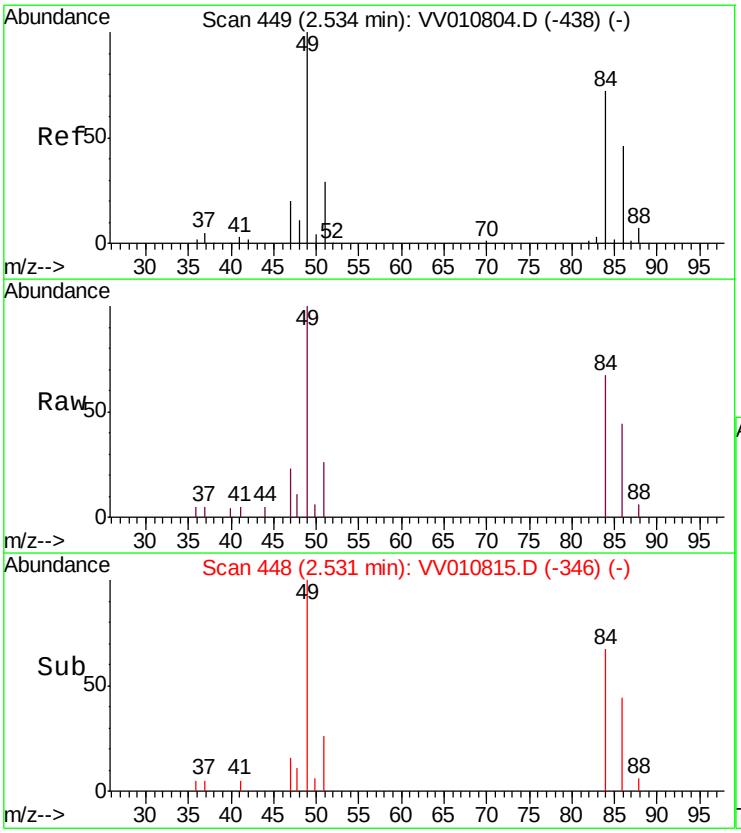
#13
Acetone
Concen: 2.214 ug/L
RT: 2.19 min Scan# 343
Delta R.T. 0.01 min
Lab File: VV010815.D
Acq: 10 May 2019 15:51

Instrument : MSVOA_V
ClientSampleId : BFHL1RE

Tgt Ion: 43 Resp: 1175

Ion	Ratio	Lower	Upper
43	100		
58	24.6	0.0	63.4

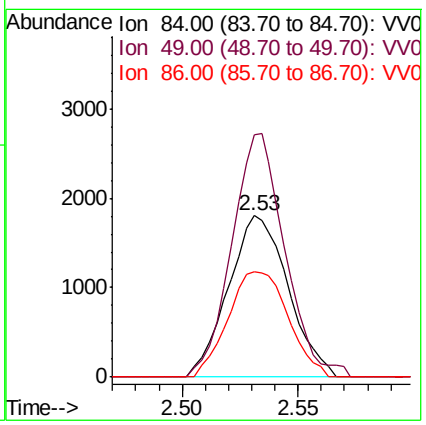


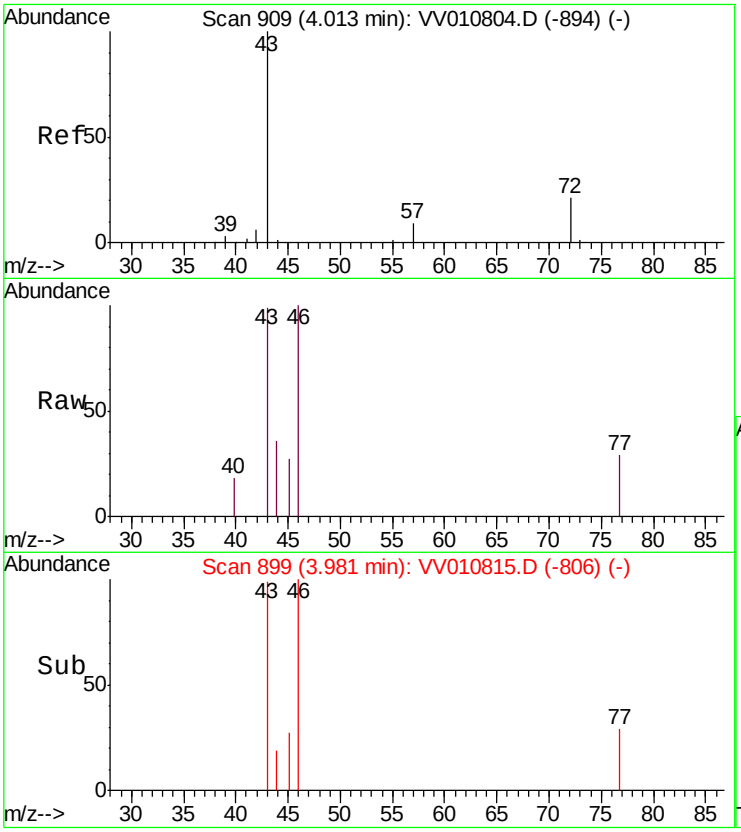


#16
Methylene chloride
Concen: 2.829 ug/L
RT: 2.53 min Scan# 448
Delta R.T. -0.00 min
Lab File: VV010815.D
Acq: 10 May 2019 15:51

Tgt Ion: 84 Resp: 3217

Ion	Ratio	Lower	Upper
84	100		
49	149.8	92.9	172.5
86	65.3	46.5	86.5



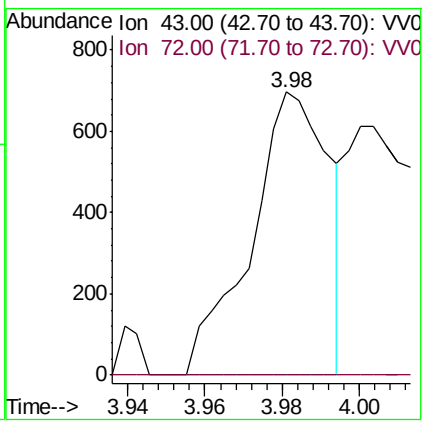


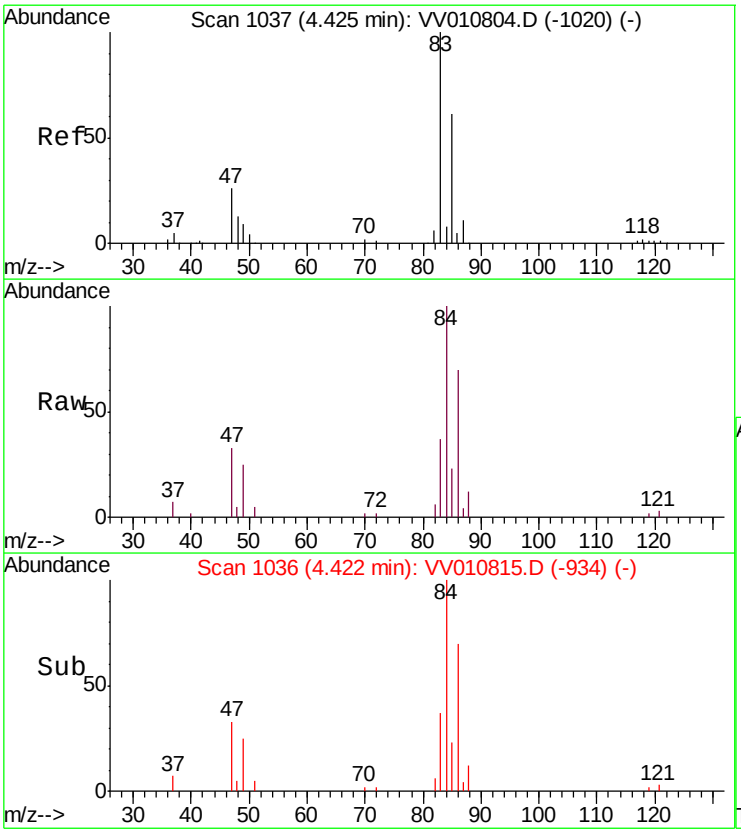
#21
2-Butanone
Concen: 1.940 ug/L
RT: 3.98 min Scan# 899
Delta R.T. -0.03 min
Lab File: VV010815.D
Acq: 10 May 2019 15:51

Instrument : MSVOA_V
ClientSampleId : BFHL1RE

Tgt Ion: 43 Resp: 976

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.2	33.6#

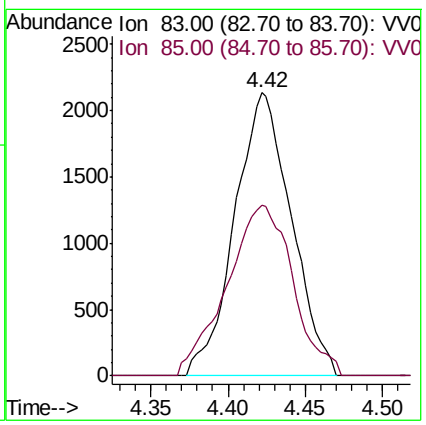


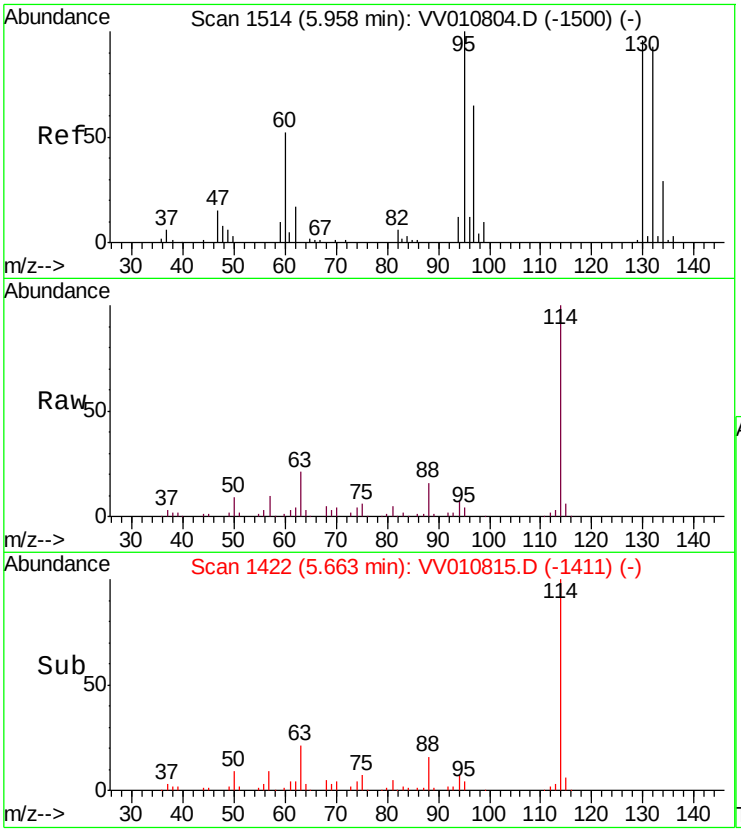


#25
Chloroform
Concen: 2.446 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV010815.D
Acq: 10 May 2019 15:51

Tgt Ion: 83 Resp: 5443

Ion	Ratio	Lower	Upper
83	100		
85	70.2	44.6	82.8



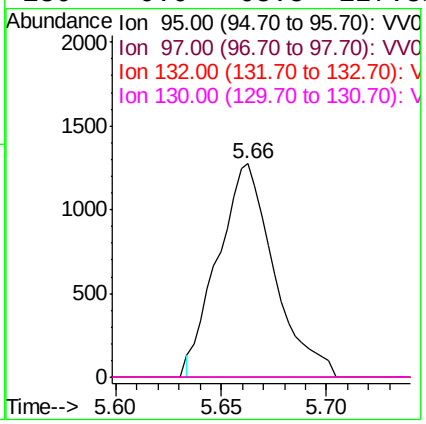


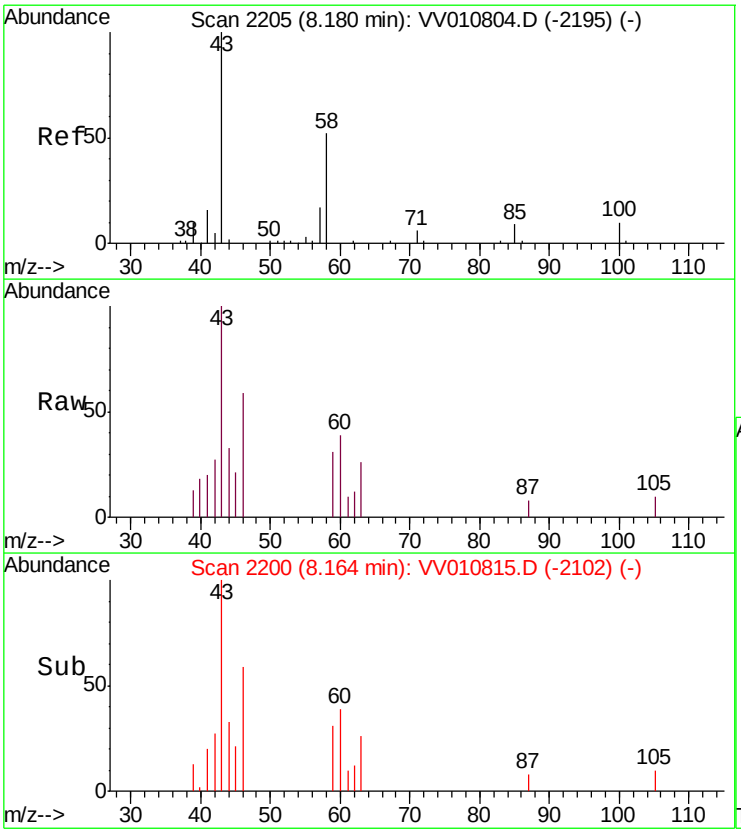
#35
Trichloroethene
Concen: 2.188 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010815.D
Acq: 10 May 2019 15:51

Instrument : MSVOA_V
ClientSampleId : BFHL1RE

Tgt Ion: 95 Resp: 2358

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	62.4	115.8#
130	0.0	68.5	127.3#

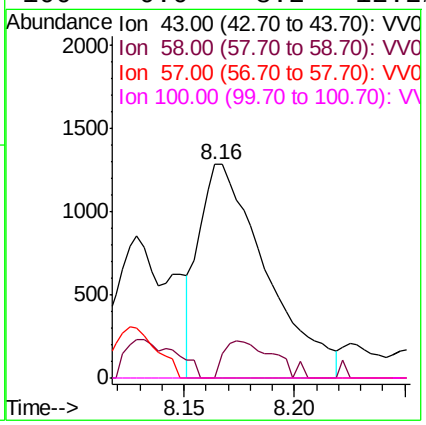


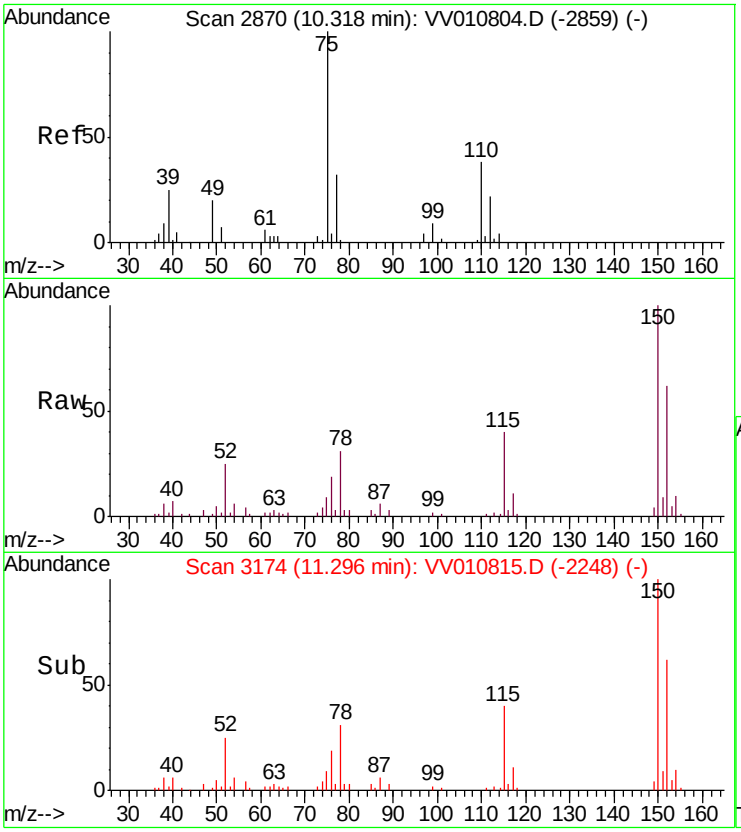


#49
2-Hexanone
Concen: 4.120 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.02 min
Lab File: VV010815.D
Acq: 10 May 2019 15:51

Tgt Ion: 43 Resp: 2699

Ion	Ratio	Lower	Upper
43	100		
58	9.3	39.4	59.0#
57	0.0	14.2	21.4#
100	0.0	8.2	12.2#





#59
1,2,3-Trichloropropane
Concen: 3.779 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010815.D
Acq: 10 May 2019 15:51

Instrument :
MSVOA_V
ClientSampleId :
BFHL1RE

Tgt Ion: 75 Resp: 3249

Ion	Ratio	Lower	Upper
75	100		
77	35.1	25.0	37.6