Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\

Quantitation Report (Not Reviewed)

Data File : VV010883.D
Acq On : 15 May 2019 02:56
Operator : SY/MD
Sample : K2798-11
Misc : 4.35G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB881

Quant Time: May 15 08:12:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	152499	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143914	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	52265	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	35540	18.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.16%			
7) Chloroethane-d5	1.55	69	26770	21.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.56%			
10) 1,1-Dichloroethene-d2	2.11	63	51110	13.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 55.60%			
20) 2-Butanone-d5	3.93	46	17064	27.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 55.84%			
24) Chloroform-d	4.39	84	62371	14.17	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 56.68%			
26) 1,2-Dichloroethane-d4	5.07	65	47895	19.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.52%			
29) Benzene-d6	5.09	84	168059	21.10	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 84.40%			
33) 1,2-Dichloropropane-d6	6.11	67	53991	21.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 84.96%			
37) Toluene-d8	7.36	98	145895	19.06	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.24%			
38) trans-1,3-Dichloropropene-	7.66	79	18328	16.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 66.12%			
39) 2-Hexanone-d5	8.13	63	11798	24.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 49.00%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44513	18.89	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.56%			
61) 1,2-Dichlorobenzene-d4	11.67	152	43278	19.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 79.28%			

Target Compounds						Qvalue
13) Acetone	2.18	43	3302	5.303	ug/L	100
21) 2-Butanone	3.99	43	3446	4.288	ug/L #	47
25) Chloroform	4.42	83	18560	4.222	ug/L	95
35) Trichloroethene	5.66	95	4676	2.151	ug/L #	5
40) 1,2-Dichloropropane	6.11	63	6142	2.688	ug/L #	88
49) 2-Hexanone	8.16	43	4226	3.546	ug/L #	43
59) 1,2,3-Trichloropropane	11.30	75	6966	3.957	ug/L	96

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

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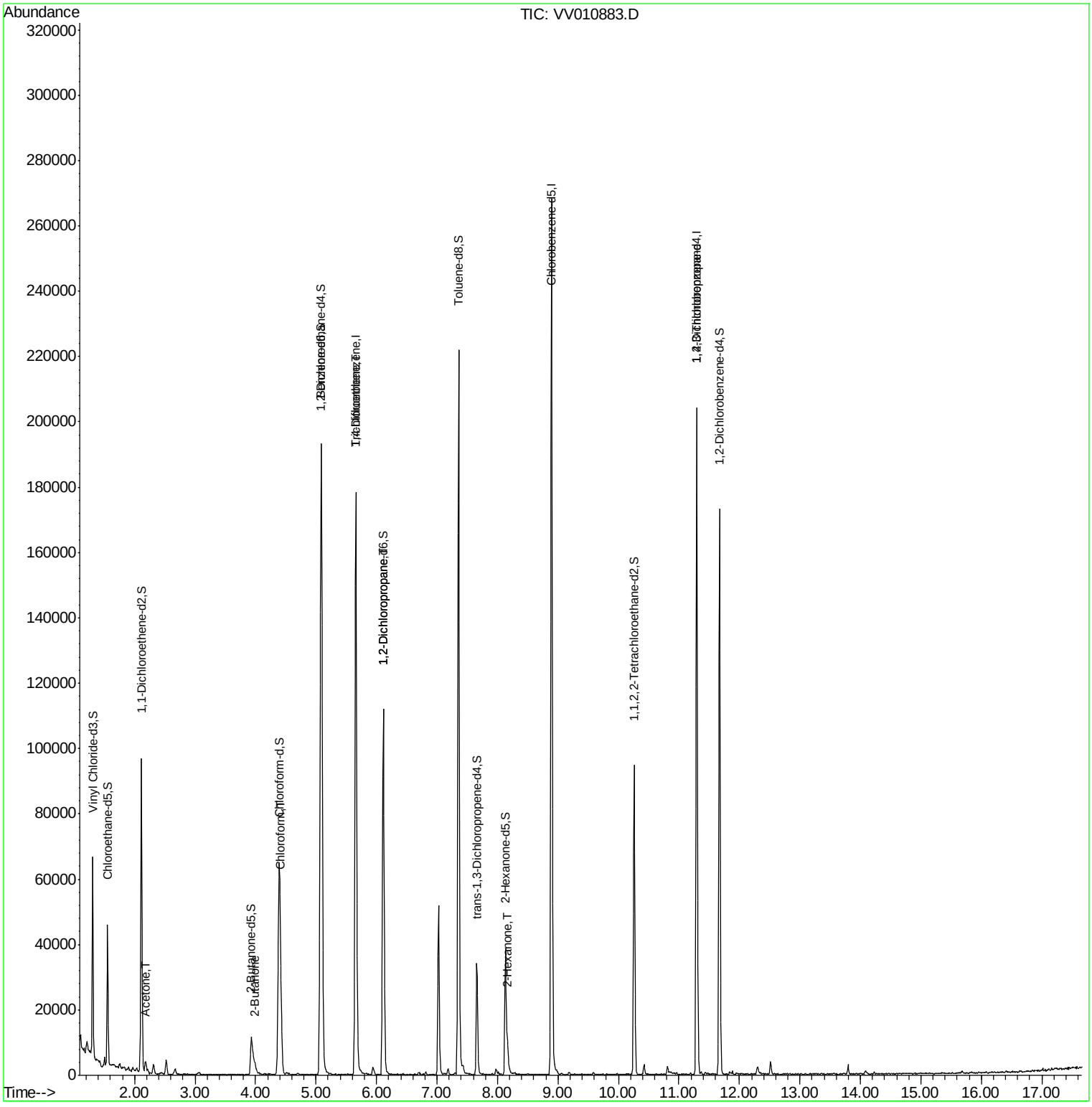
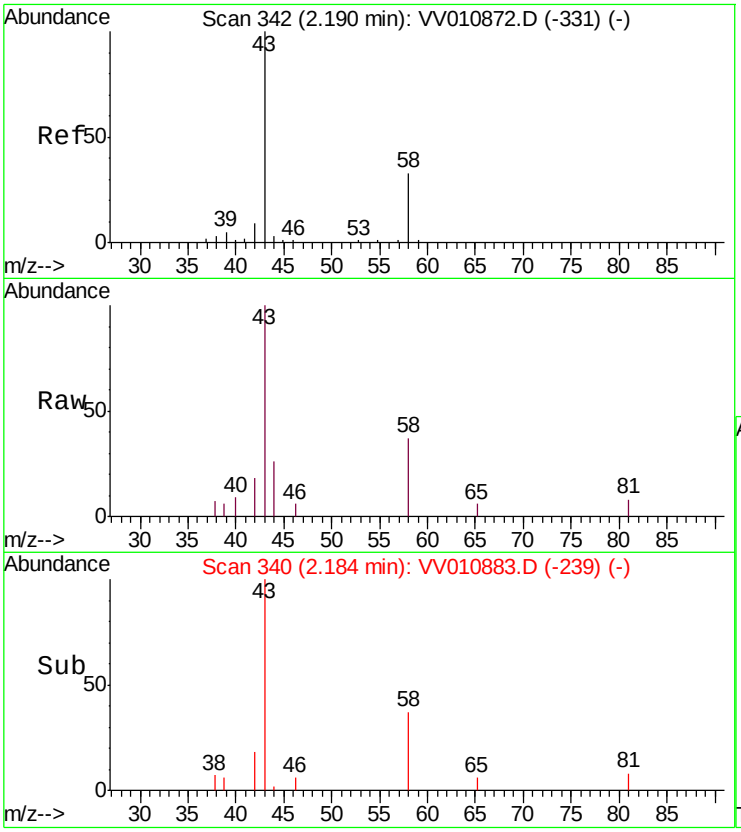
Quant Title : VOC Analysis
QLast Update : Wed May 15 08:08:35 2019
Response via : Initial Calibration



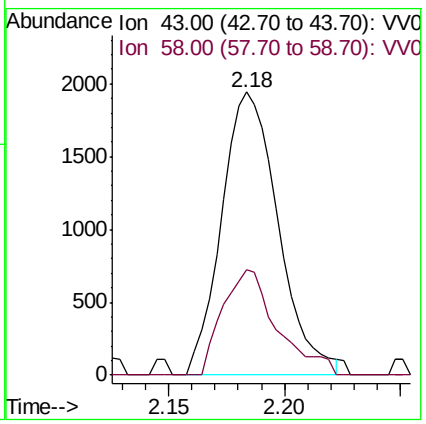


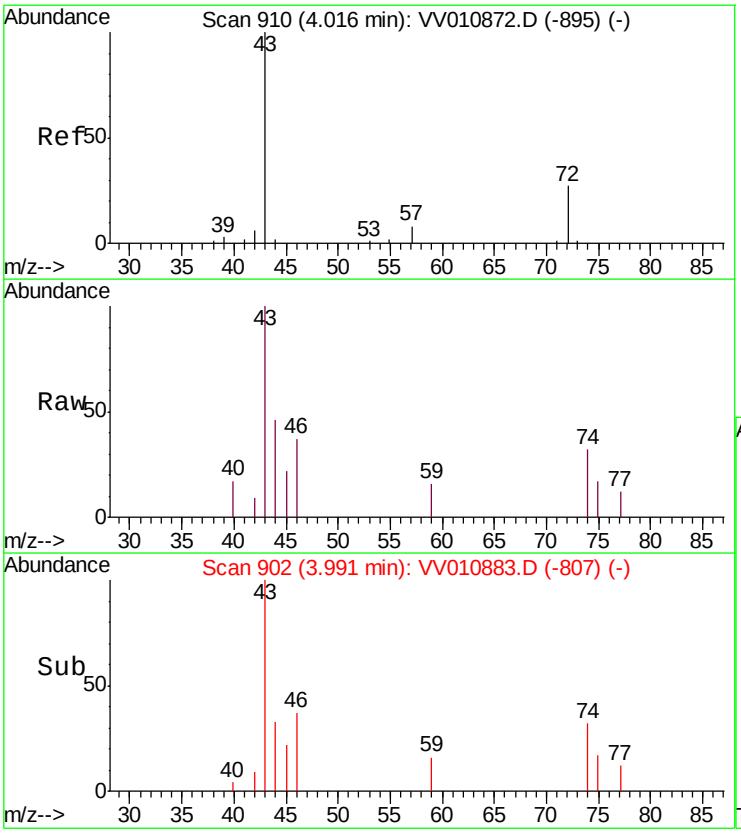
#13
Acetone
Concen: 5.303 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010883.D
Acq: 15 May 2019 02:56

Instrument :
MSVOA_V
ClientSampleId :
DB881

Tgt Ion: 43 Resp: 3302

Ion	Ratio	Lower	Upper
43	100		
58	34.5	0.0	69.2

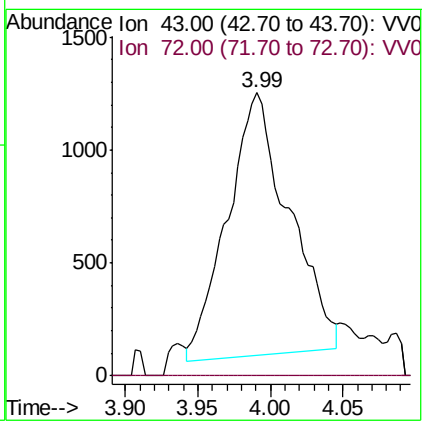


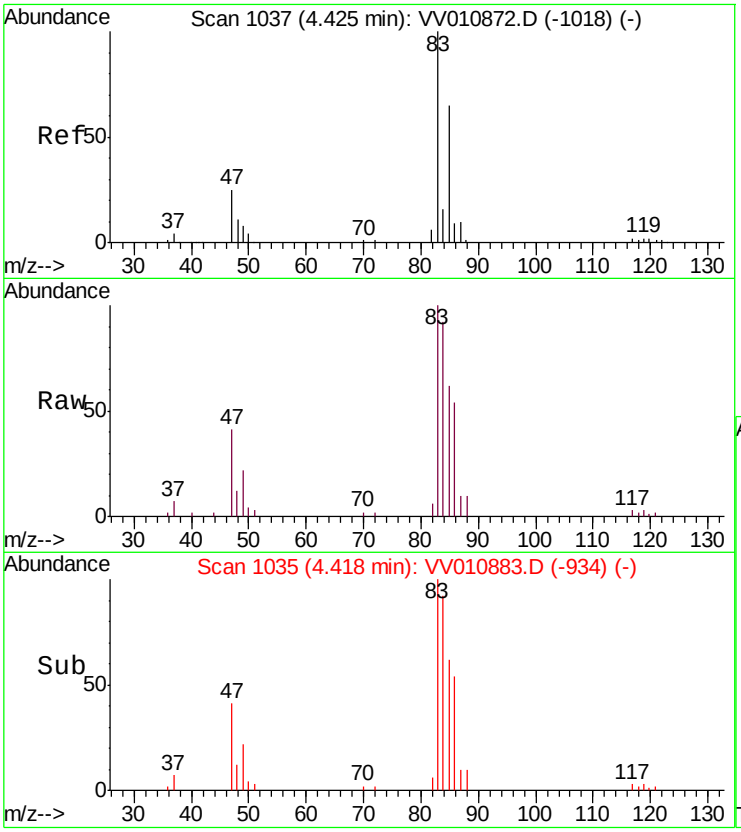


#21
2-Butanone
Concen: 4.288 ug/L
RT: 3.99 min Scan# 902
Delta R.T. -0.03 min
Lab File: VV010883.D
Acq: 15 May 2019 02:56

Tgt Ion: 43 Resp: 3446

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.7	41.1#



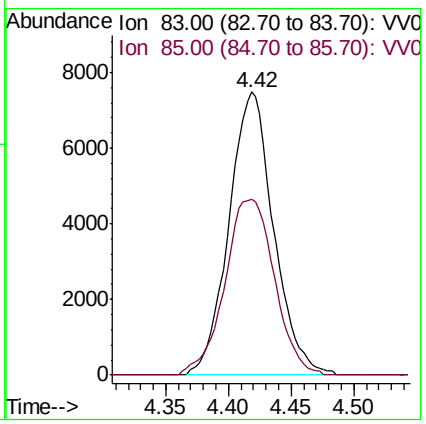


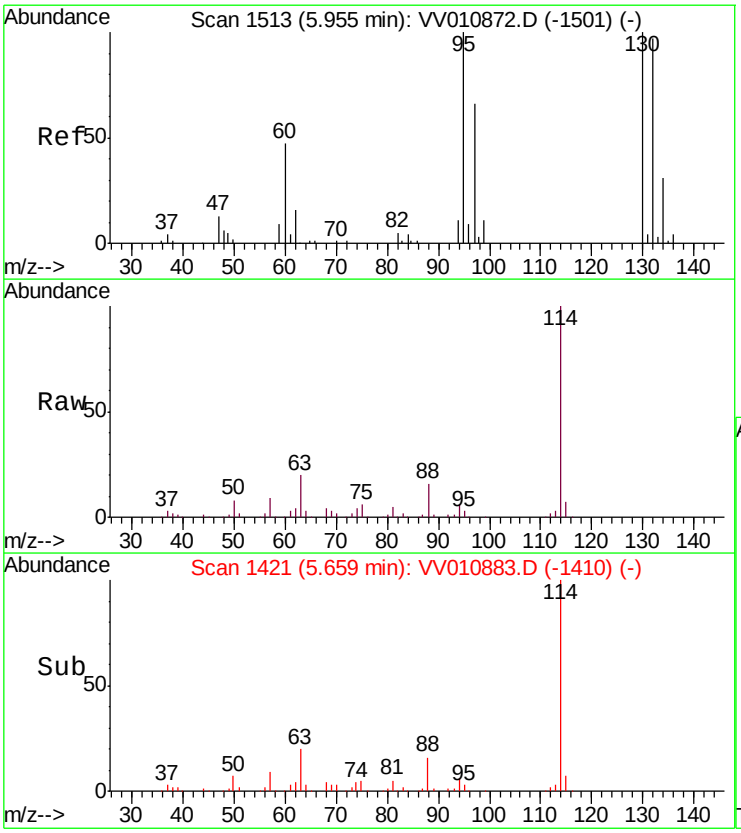
#25
Chloroform
Concen: 4.222 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010883.D
Acq: 15 May 2019 02:56

Instrument : MSVOA_V
ClientSampleId : DB881

Tgt Ion: 83 Resp: 18560

Ion	Ratio	Lower	Upper
83	100		
85	68.9	45.3	84.1

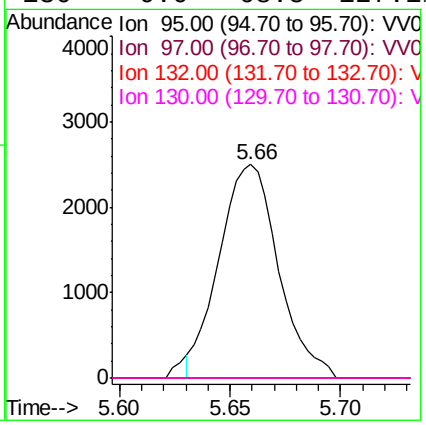


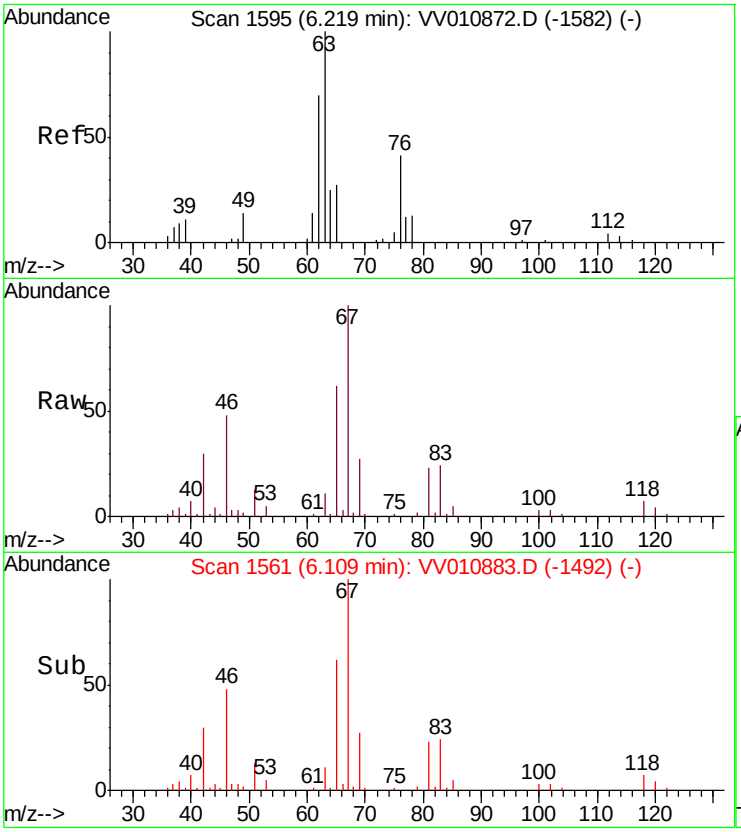


#35
Trichloroethene
Concen: 2.151 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010883.D
Acq: 15 May 2019 02:56

Tgt Ion: 95 Resp: 4676

Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	67.4	125.2#
130	0.0	68.5	127.1#



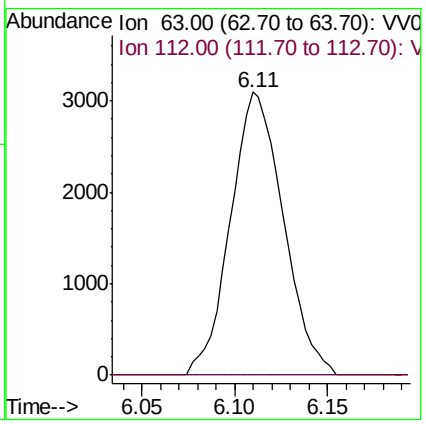


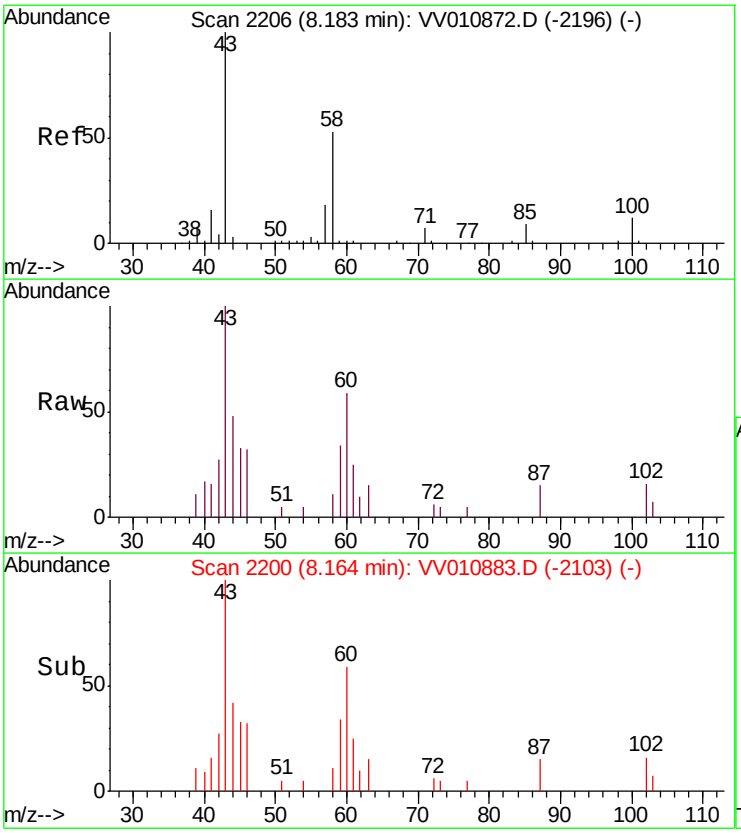
#40
1,2-Dichloropropane
Concen: 2.688 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010883.D
Acq: 15 May 2019 02:56

Instrument : MSVOA_V
ClientSampleId : DB881

Tgt Ion: 63 Resp: 6142

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#

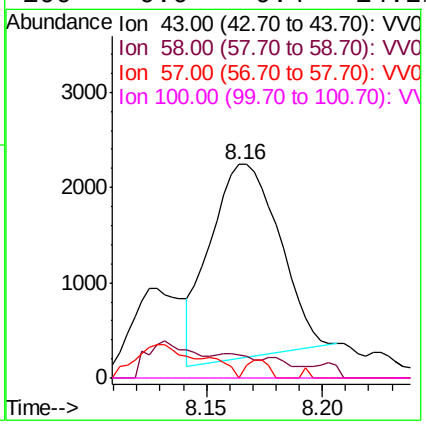


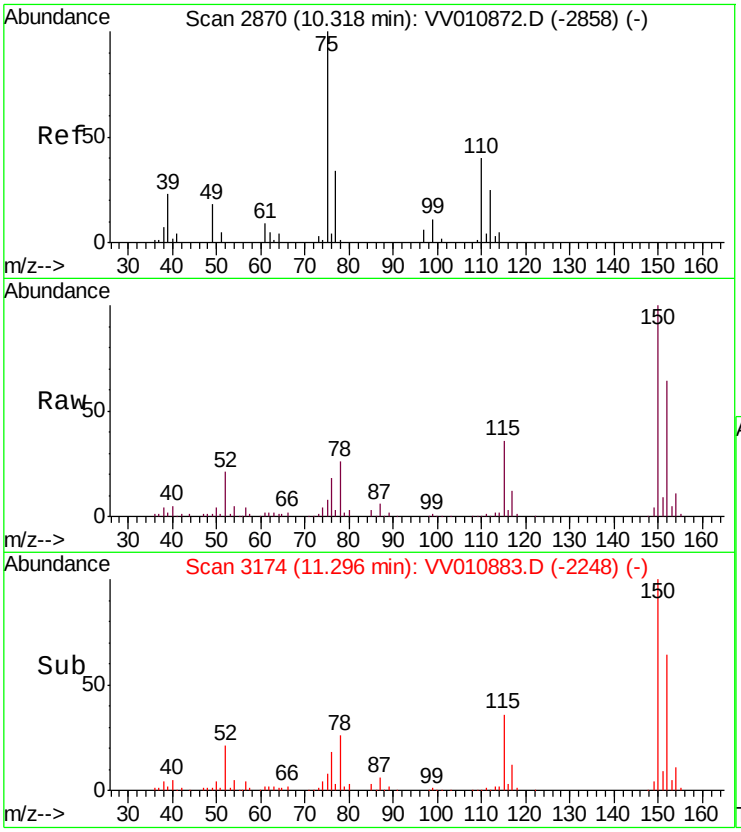


#49
2-Hexanone
Concen: 3.546 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. -0.02 min
Lab File: VV010883.D
Acq: 15 May 2019 02:56

Tgt Ion: 43 Resp: 4226

Ion	Ratio	Lower	Upper
43	100		
58	1.8	41.0	61.6#
57	2.9	14.3	21.5#
100	0.0	9.4	14.2#





#59
1,2,3-Trichloropropane
Concen: 3.957 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010883.D
Acq: 15 May 2019 02:56

Instrument :
MSVOA_V
ClientSampleId :
DB881

Tgt Ion: 75 Resp: 6966

Ion	Ratio	Lower	Upper
75	100		
77	35.0	26.4	39.6