Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV050219\

Quantitation Report (Not Reviewed)

Data File : VV010648.D
Acq On : 03 May 2019 05:15
Operator : SY/MD
Sample : K2603-14
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ66

Quant Time: May 03 07:45:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	55947	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	53063	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	16865	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	8184	11.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 46.20%			
7) Chloroethane-d5	1.58	69	8413	16.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 67.88%			
10) 1,1-Dichloroethene-d2	2.12	63	14224	11.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 45.80%			
20) 2-Butanone-d5	3.94	46	7248	33.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.26%			
24) Chloroform-d	4.40	84	33960	23.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.00%			
26) 1,2-Dichloroethane-d4	5.08	65	19248	23.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.96%			
29) Benzene-d6	5.10	84	66088	24.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.12%			
33) 1,2-Dichloropropane-d6	6.12	67	22343	26.52	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.08%			
37) Toluene-d8	7.36	98	59447	22.50	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.00%			
38) trans-1,3-Dichloropropene-	7.66	79	6701	19.25	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.00%			
39) 2-Hexanone-d5	8.14	63	4855	32.37	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	16657	21.94	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.76%			
61) 1,2-Dichlorobenzene-d4	11.67	152	16900	26.04	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.16%			
Target Compounds						Qvalue
13) Acetone	2.19	43	3698	20.016	ug/L	95
35) Trichloroethene	5.66	95	1598	2.209	ug/L #	4
36) Methylcyclohexane	6.12	83	5381	5.205	ug/L #	18
40) 1,2-Dichloropropane	6.11	63	2689	4.076	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	2011	3.890	ug/L	89
69) Naphthalene	13.55	128	10819	10.036	ug/L	99

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

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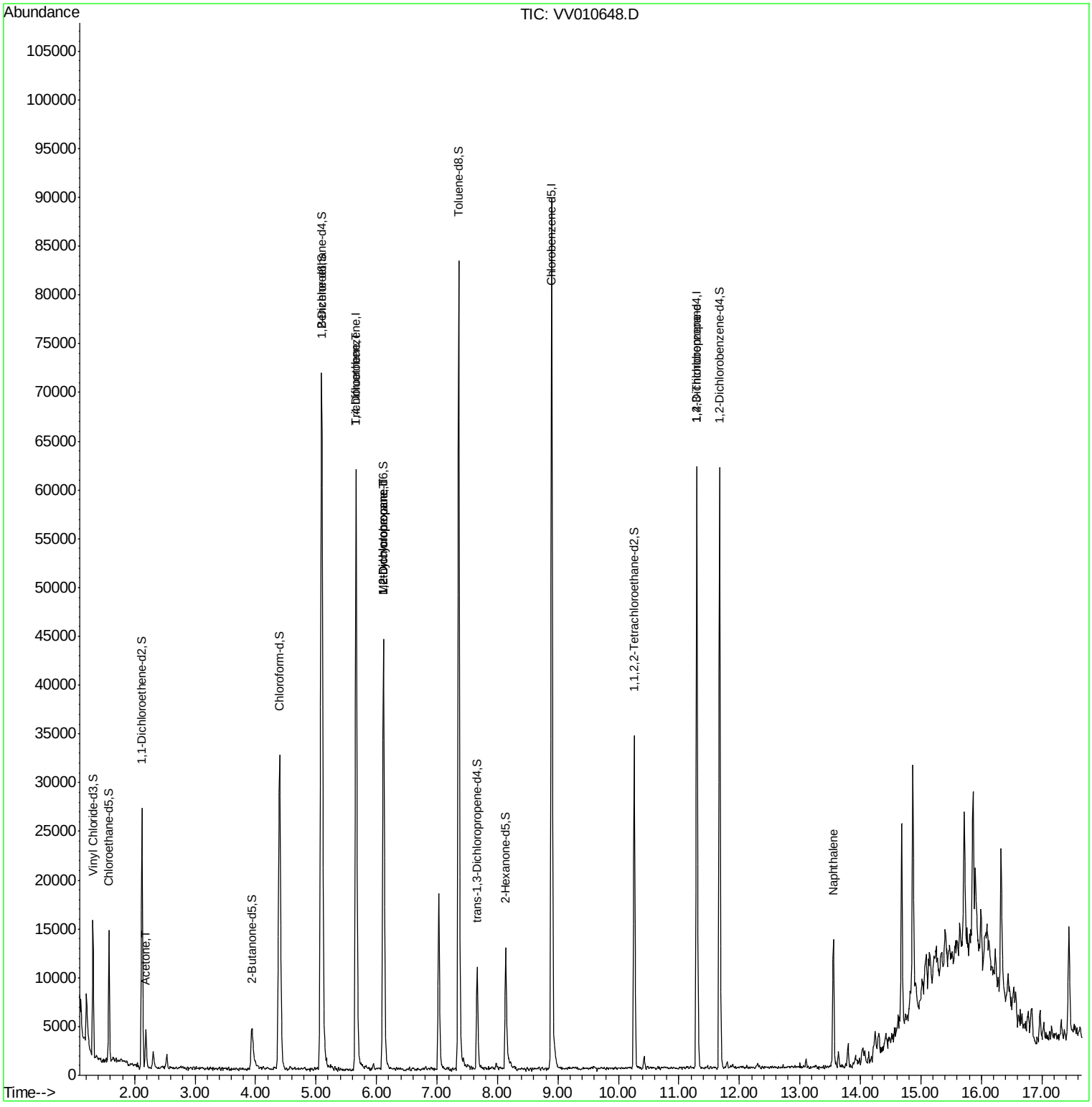
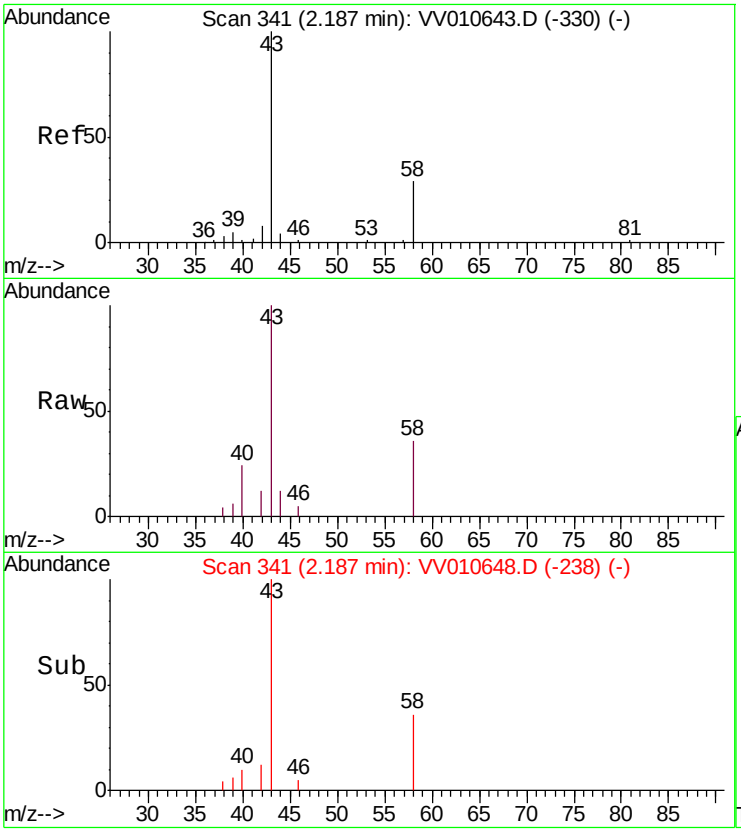
Quant Title : VOC Analysis
QLast Update : Fri May 03 03:59:48 2019
Response via : Initial Calibration



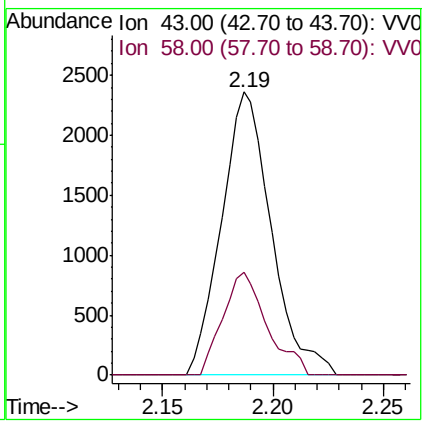


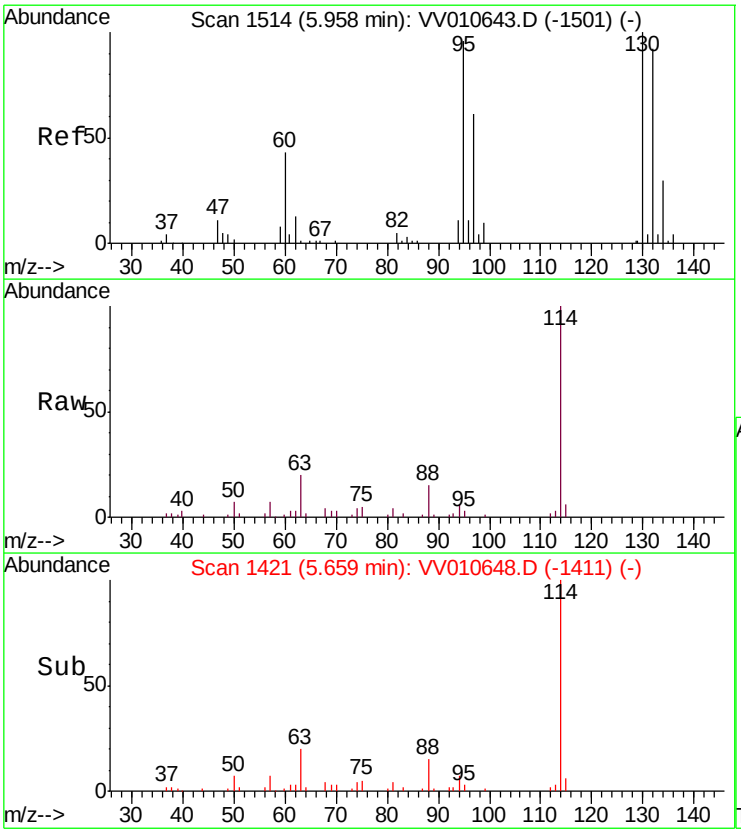
#13
Acetone
Concen: 20.016 ug/L
RT: 2.19 min Scan# 341
Delta R.T. 0.00 min
Lab File: VV010648.D
Acq: 03 May 2019 05:15

Instrument :
MSVOA_V
ClientSampleId :
GAJ66

Tgt Ion: 43 Resp: 3698

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	58.2

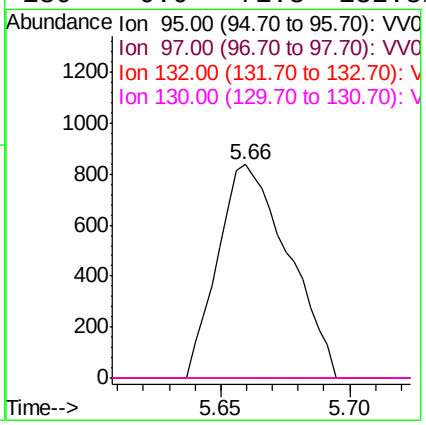


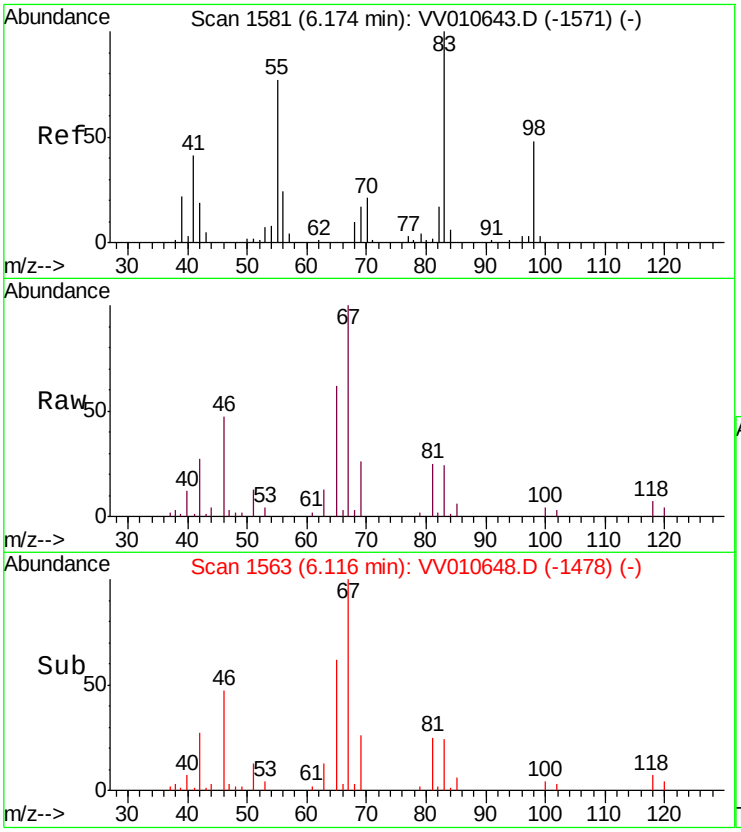


#35
Trichloroethene
Concen: 2.209 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010648.D
Acq: 03 May 2019 05:15

Tgt Ion: 95 Resp: 1598

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	69.9	129.9#
130	0.0	71.3	132.3#



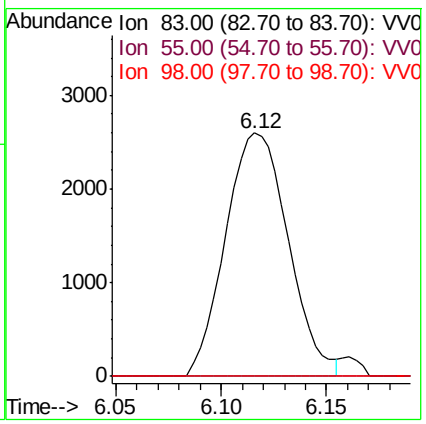


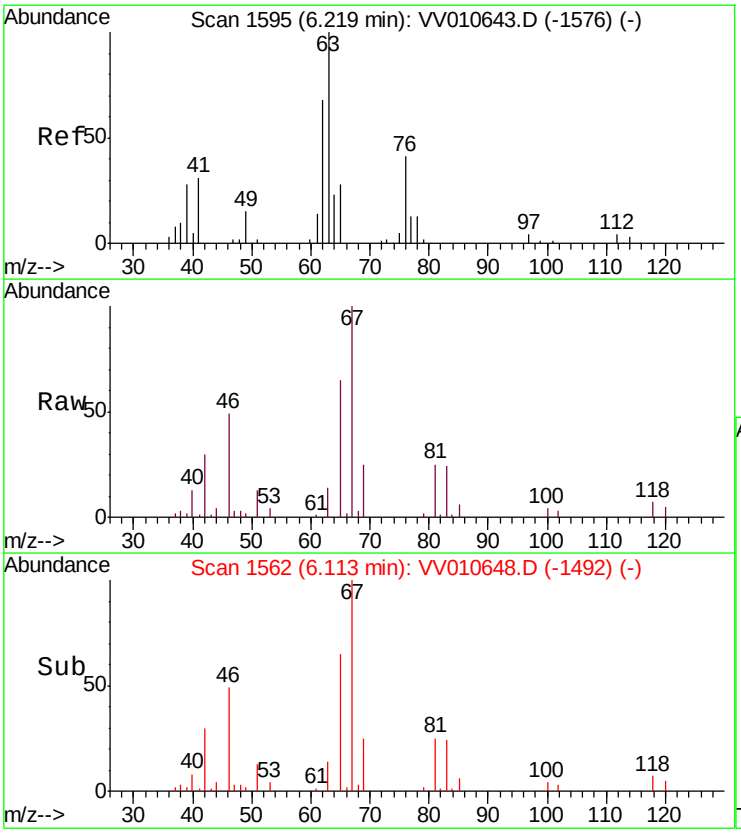
#36
Methylcyclohexane
Concen: 5.205 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010648.D
Acq: 03 May 2019 05:15

Instrument : MSVOA_V
ClientSampleId : GAJ66

Tgt Ion: 83 Resp: 5381

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.4	92.0#
98	0.0	37.4	56.2#

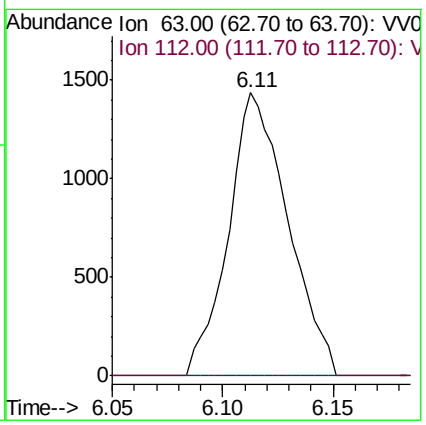


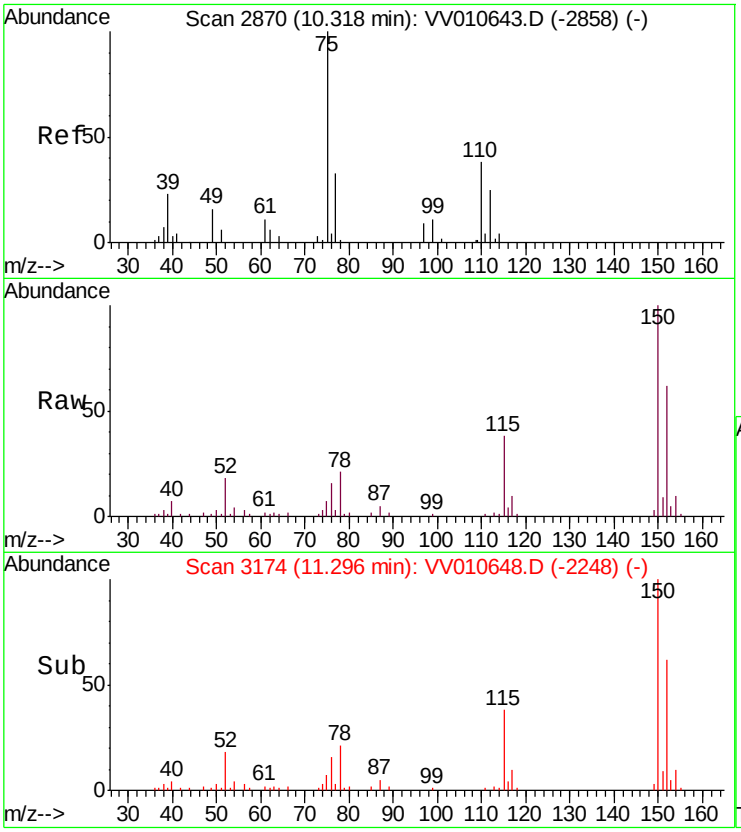


#40
1,2-Dichloropropane
Concen: 4.076 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010648.D
Acq: 03 May 2019 05:15

Tgt Ion: 63 Resp: 2689

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



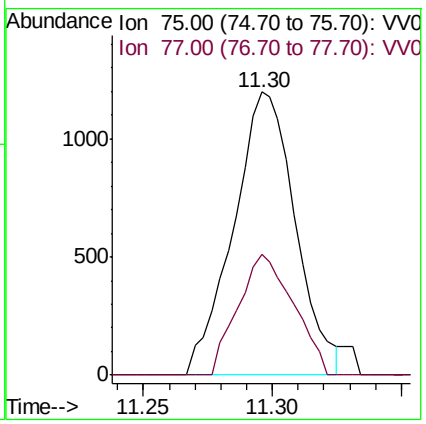


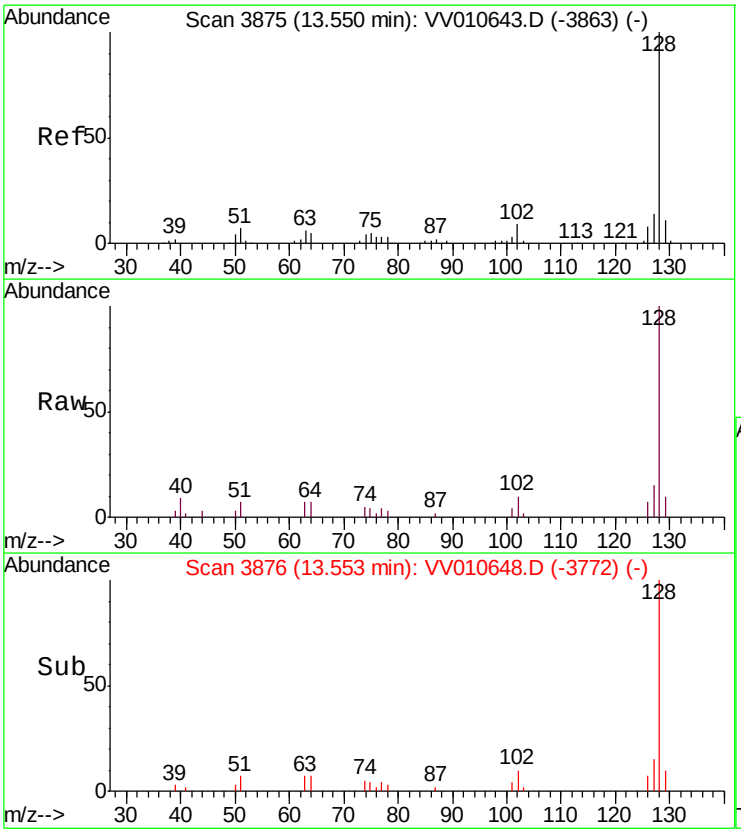
#59
1,2,3-Trichloropropane
Concen: 3.890 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010648.D
Acq: 03 May 2019 05:15

Instrument :
MSVOA_V
ClientSampleId :
GAJ66

Tgt Ion: 75 Resp: 2011

Ion	Ratio	Lower	Upper
75	100		
77	38.2	25.6	38.4





#69
Naphthalene
Concen: 10.036 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010648.D
Acq: 03 May 2019 05:15

Tgt Ion:128 Resp: 10819

Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.6	13.0
127	13.2	10.6	15.8