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

Quantitation Report (Not Reviewed)

Data File : VV010665.D
Acq On : 03 May 2019 18:35
Operator : SY/MD
Sample : K2603-11
Misc : 5.09G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GAJ63RE

Quant Time: May 03 23:54:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	16505	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	13675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	3098	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	3756	17.97	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.88%			
7) Chloroethane-d5	1.59	69	3080	21.06	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery = 84.24%			
10) 1,1-Dichloroethene-d2	2.14	63	7121	19.43	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.72%			
20) 2-Butanone-d5	3.95	46	516	8.12	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 16.24%#			
24) Chloroform-d	4.41	84	10067	23.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.44%			
26) 1,2-Dichloroethane-d4	5.09	65	5871	24.03	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.12%			
29) Benzene-d6	5.11	84	20207	28.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 114.08%			
33) 1,2-Dichloropropane-d6	6.12	67	6536	30.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.44%#			
37) Toluene-d8	7.36	98	17337	25.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.84%			
38) trans-1,3-Dichloropropene-	7.67	79	1839	20.50	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.00%			
39) 2-Hexanone-d5	8.14	63	994	25.72	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.44%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4965	25.38	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.52%			
61) 1,2-Dichlorobenzene-d4	11.68	152	3840	32.21	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 128.84%#			
Target Compounds						Qvalue
8) Chloroethane	1.60	64	149	1.395	ug/L #	43
13) Acetone	2.20	43	281	5.156	ug/L #	46
16) Methylene chloride	2.55	84	646	2.806	ug/L #	69
35) Trichloroethene	5.67	95	242	1.298	ug/L #	4
36) Methylcyclohexane	6.12	83	698	2.620	ug/L #	18
40) 1,2-Dichloropropane	6.12	63	294	1.729	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	308	2.312	ug/L #	43
69) Naphthalene	13.55	128	1243	6.277	ug/L #	83

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

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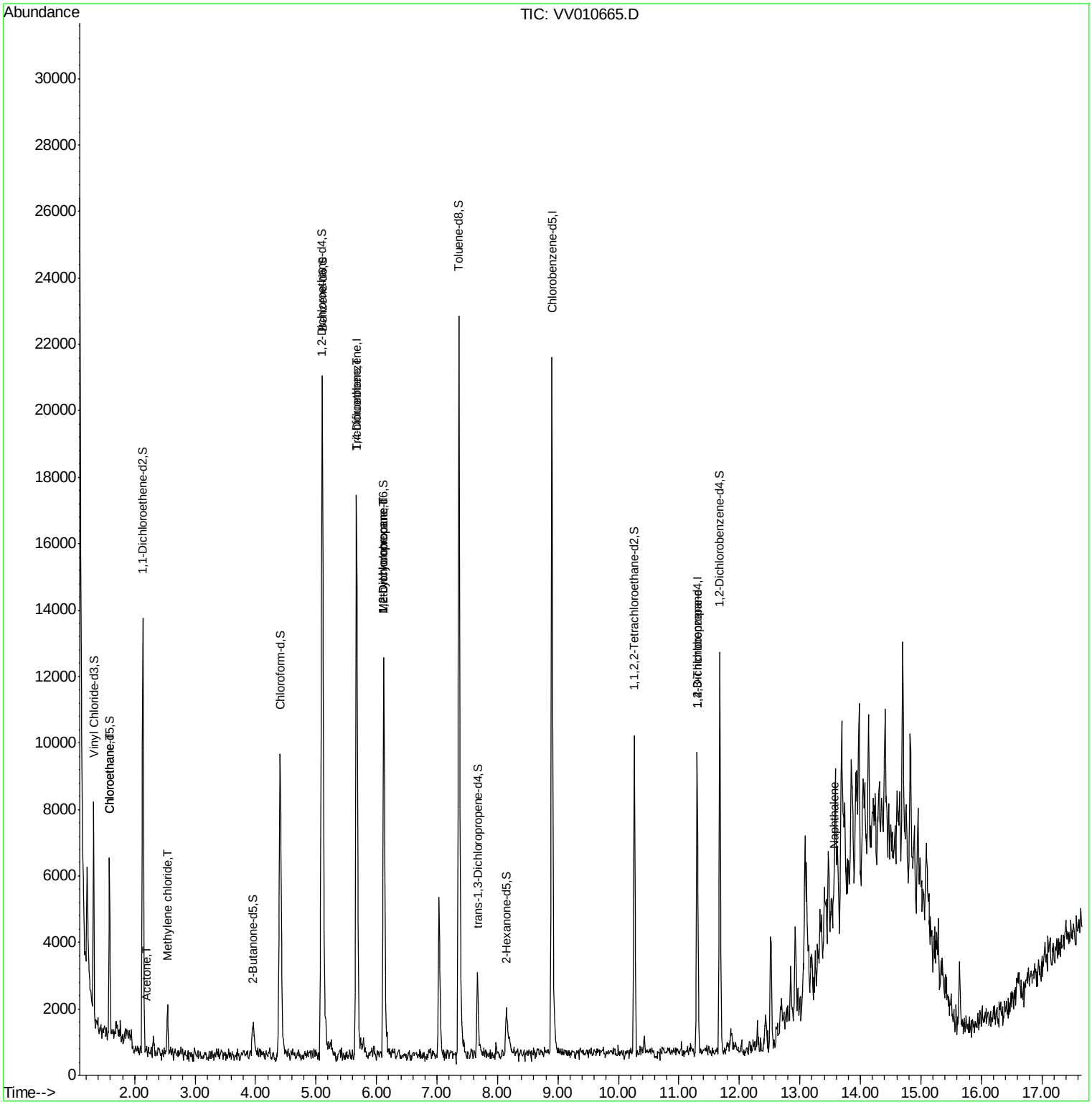
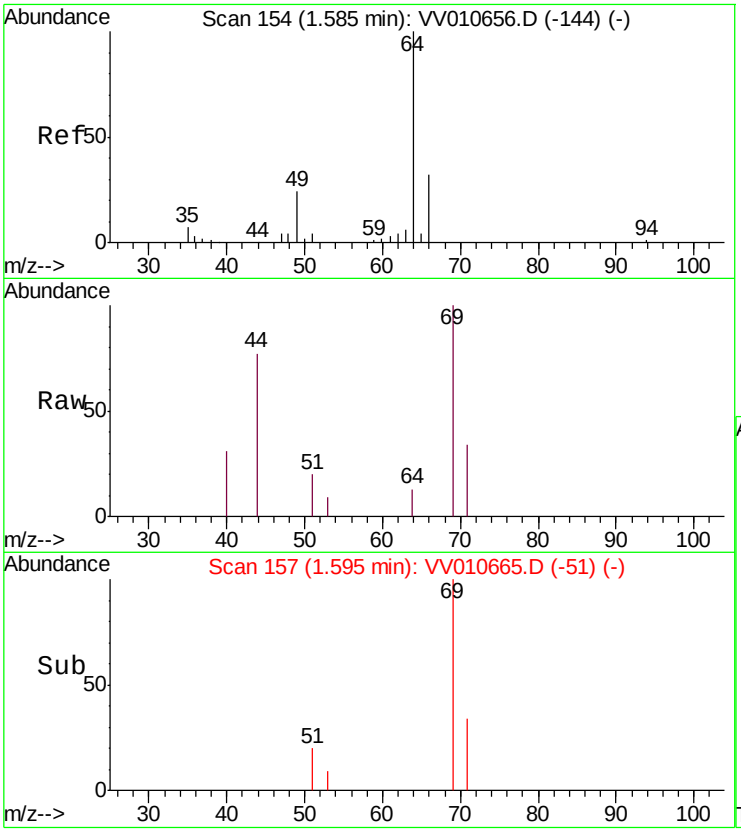
Quant Title : VOC Analysis
QLast Update : Fri May 03 23:50:43 2019
Response via : Initial Calibration



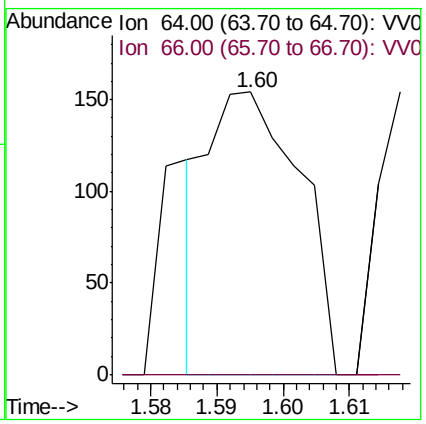


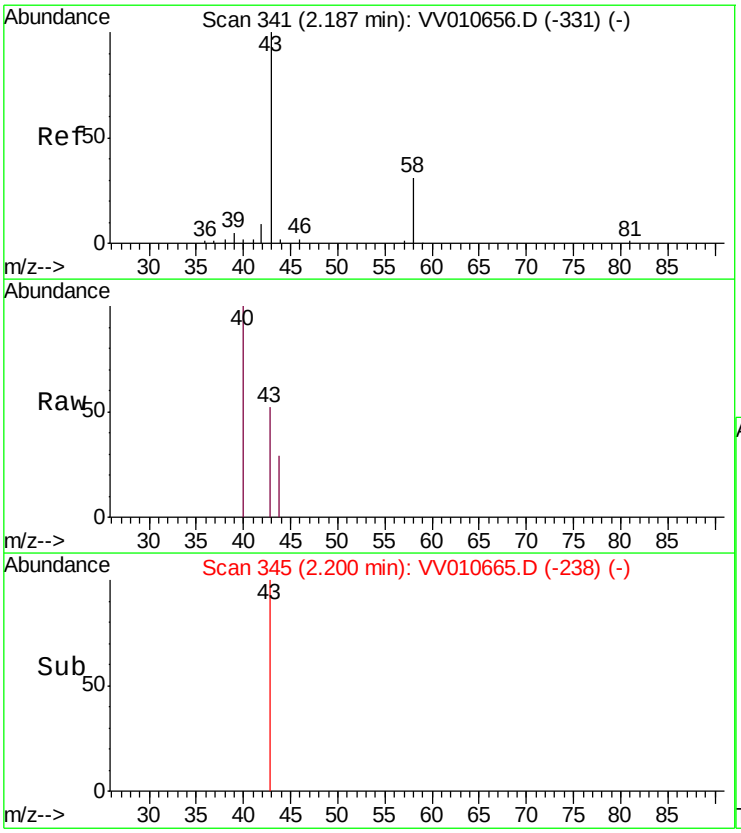
#8
Chloroethane
Concen: 1.395 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.01 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Instrument :
MSVOA_V
ClientSampleId :
GAJ63RE

Tgt Ion: 64 Resp: 149

Ion	Ratio	Lower	Upper
64	100		
66	0.0	22.5	41.7#

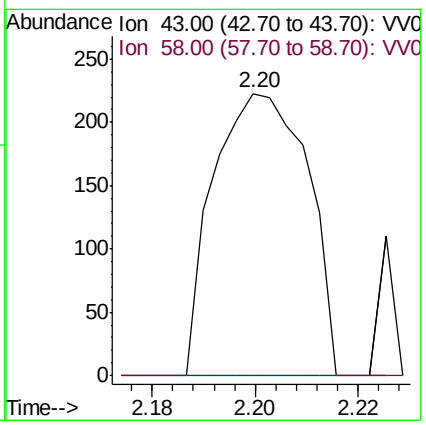


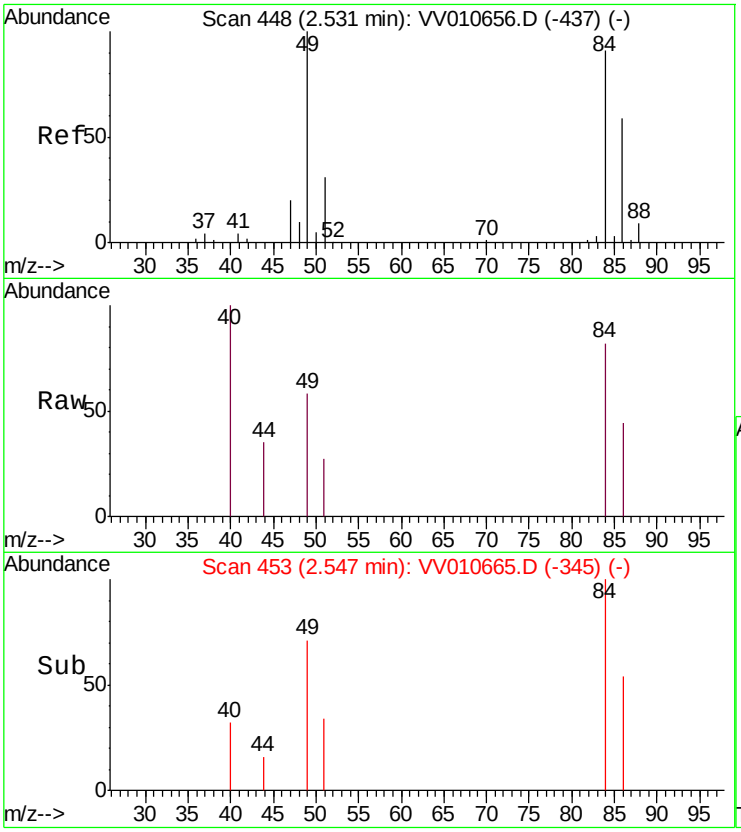


#13
Acetone
Concen: 5.156 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Tgt Ion: 43 Resp: 281

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	58.2



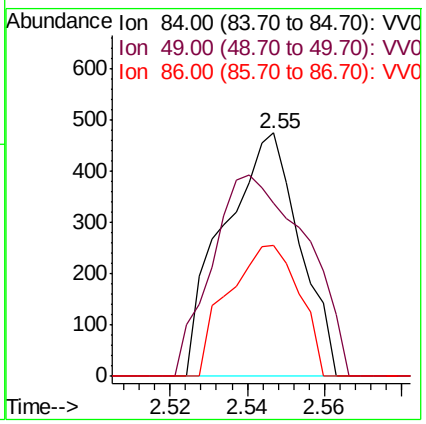


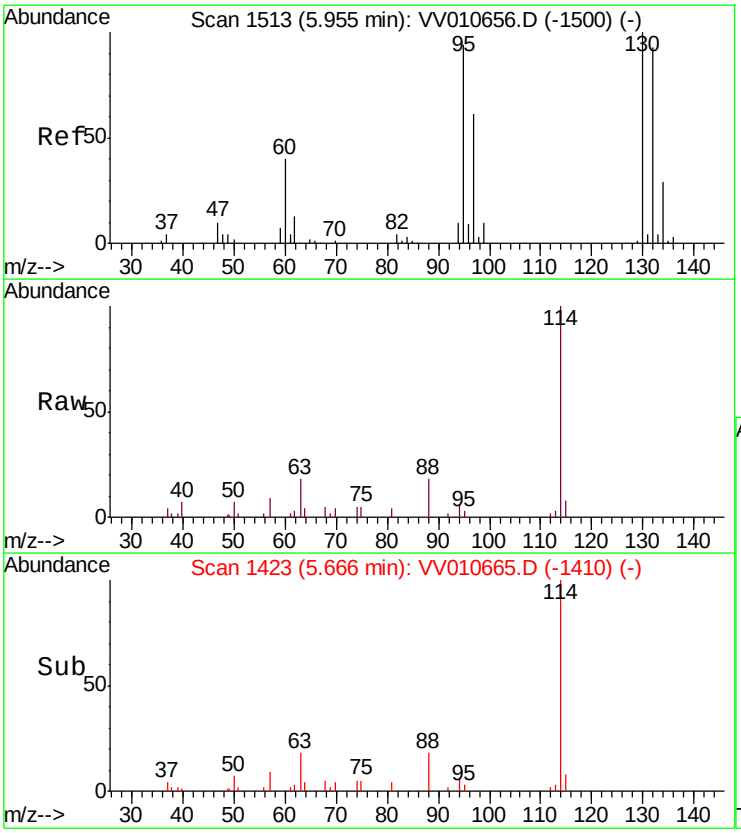
#16
Methylene chloride
Concen: 2.806 ug/L
RT: 2.55 min Scan# 453
Delta R.T. 0.02 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Instrument : MSVOA_V
ClientSampleId : GAJ63RE

Tgt Ion: 84 Resp: 646

Ion	Ratio	Lower	Upper
84	100		
49	70.9	81.9	152.1#
86	53.9	44.0	81.6

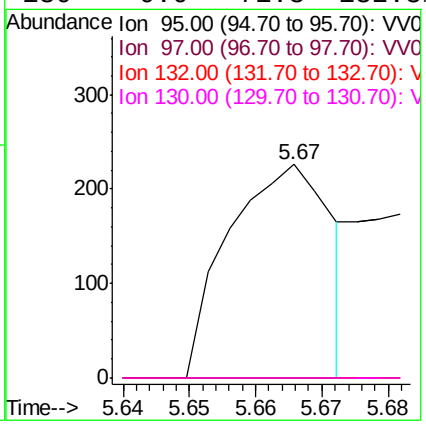


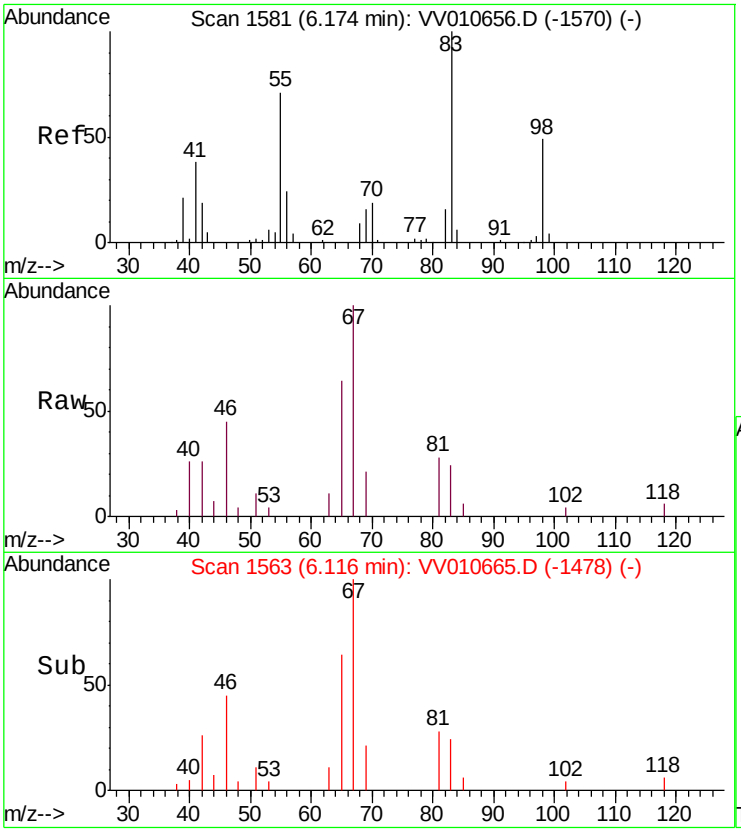


#35
Trichloroethene
Concen: 1.298 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Tgt Ion: 95 Resp: 242

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#



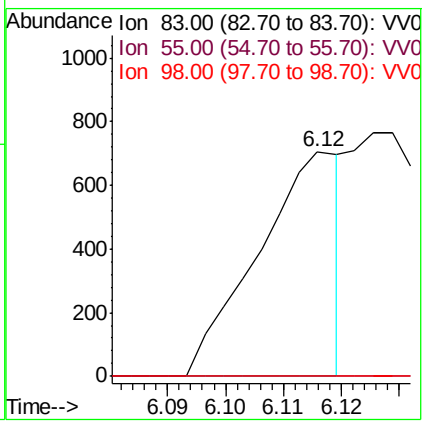


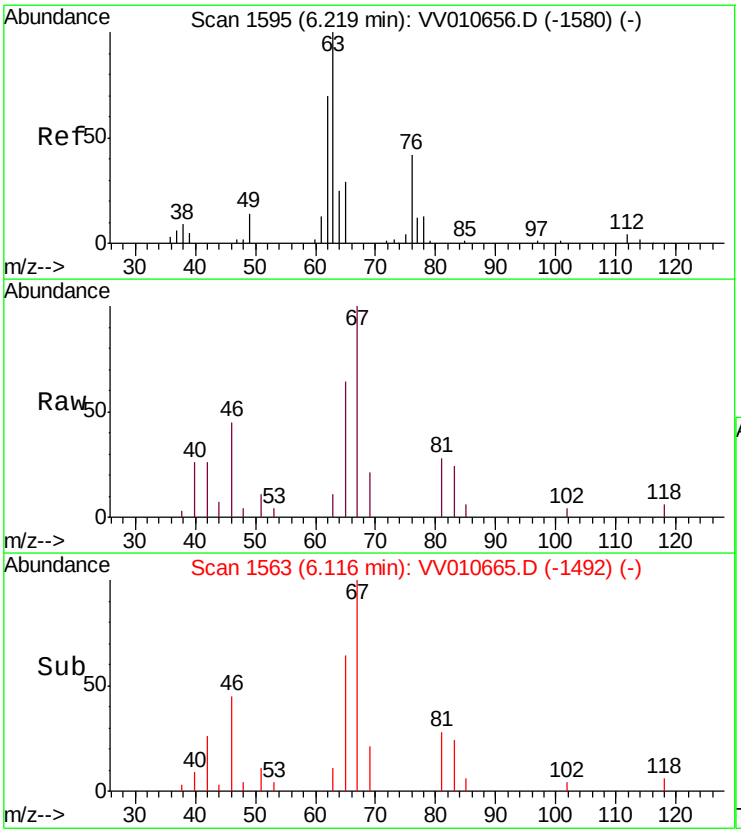
#36
Methylcyclohexane
Concen: 2.620 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Instrument :
MSVOA_V
ClientSampleId :
GAJ63RE

Tgt Ion: 83 Resp: 698

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

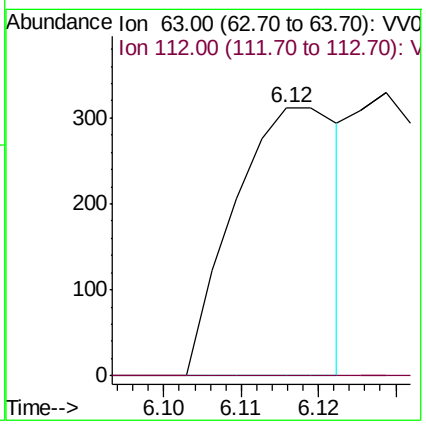


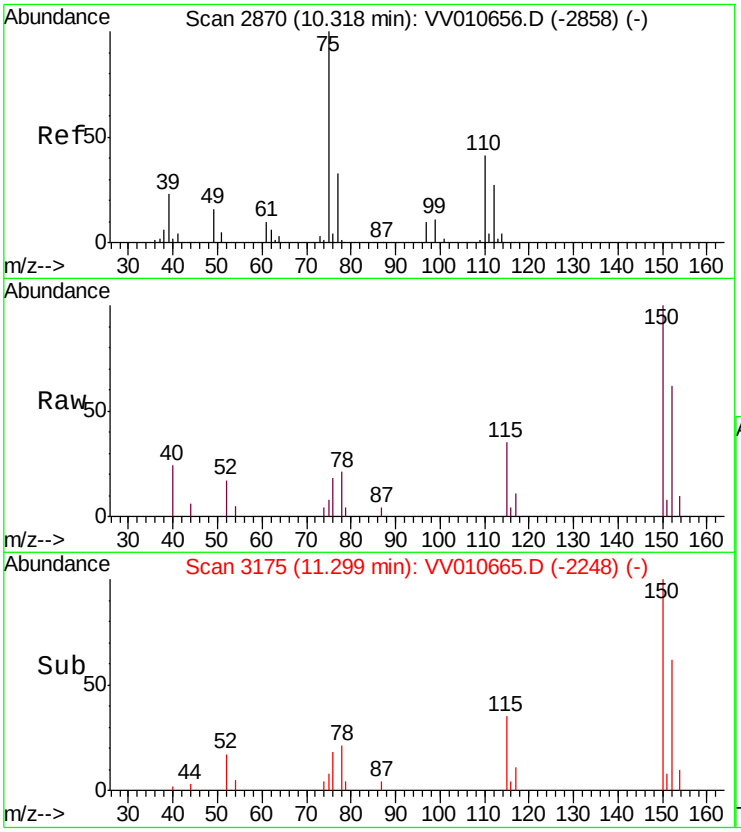


#40
1,2-Dichloropropane
Concen: 1.729 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Tgt Ion: 63 Resp: 294

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#



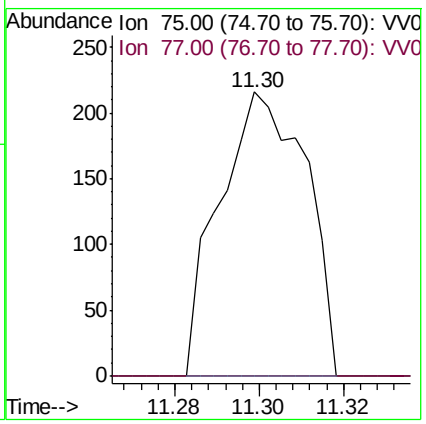


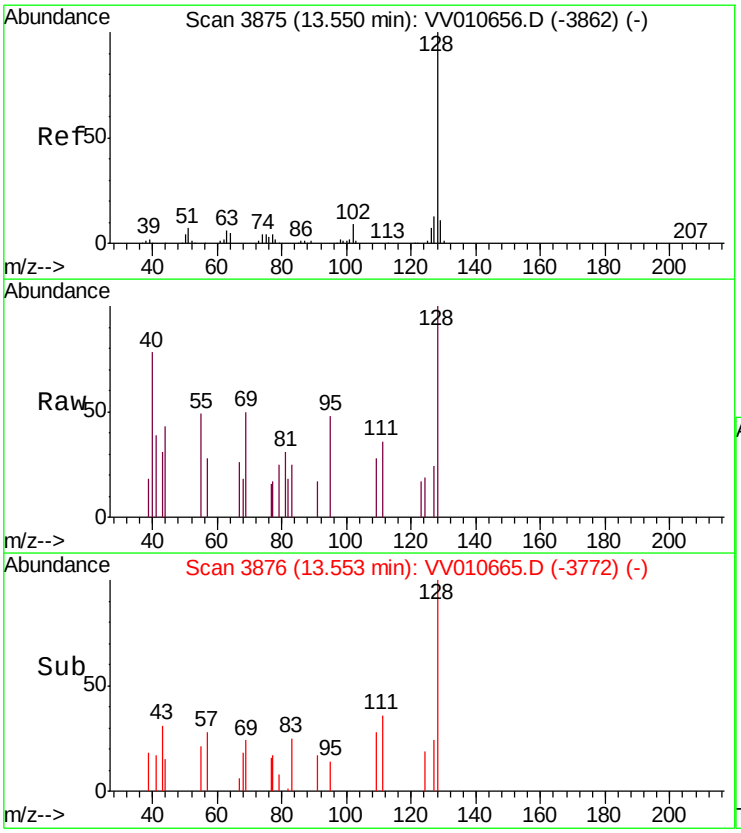
#59
1,2,3-Trichloropropane
Concen: 2.312 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Instrument :
MSVOA_V
ClientSampleId :
GAJ63RE

Tgt Ion: 75 Resp: 308

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.6	38.4#





#69
Naphthalene
Concen: 6.277 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.00 min
Lab File: VV010665.D
Acq: 03 May 2019 18:35

Tgt Ion:128 Resp: 1243

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.6	13.0#
127	10.0	10.6	15.8#