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

Quantitation Report (Not Reviewed)

Data File : VV010835.D
Acq On : 11 May 2019 02:15
Operator : SY/MD
Sample : K2692-21
Misc : 5.38G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5184

Quant Time: May 11 05:08:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	17079	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	11850	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	2202	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	6408	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.60%			
7) Chloroethane-d5	1.58	69	6045	27.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.76%			
10) 1,1-Dichloroethene-d2	2.12	63	10846	18.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.40%			
20) 2-Butanone-d5	3.94	46	4407	55.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 110.70%			
24) Chloroform-d	4.40	84	13942	29.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 119.76%			
26) 1,2-Dichloroethane-d4	5.08	65	9498	32.66	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 130.64%#			
29) Benzene-d6	5.10	84	22437	35.97	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 143.88%#			
33) 1,2-Dichloropropane-d6	6.12	67	8223	41.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 165.48%#			
37) Toluene-d8	7.36	98	15423	25.82	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.28%			
38) trans-1,3-Dichloropropene-	7.67	79	2427	26.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 107.16%			
39) 2-Hexanone-d5	8.13	63	2270	54.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 109.16%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	5529	29.60	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 118.40%			
61) 1,2-Dichlorobenzene-d4	11.68	152	2159	25.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.28%			
Target Compounds						Qvalue
13) Acetone	2.19	43	1735	14.076	ug/L	91
15) Methyl Acetate	2.46	43	436	2.961	ug/L #	55
35) Trichloroethene	5.66	95	495	2.540	ug/L #	7
36) Methylcyclohexane	6.12	83	1872	5.994	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	1065	5.755	ug/L #	87
44) Toluene	7.43	91	945	1.196	ug/L	83
59) 1,2,3-Trichloropropane	11.31	75	338	2.174	ug/L #	43
69) Naphthalene	13.56	128	124	0.678	ug/L #	69

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

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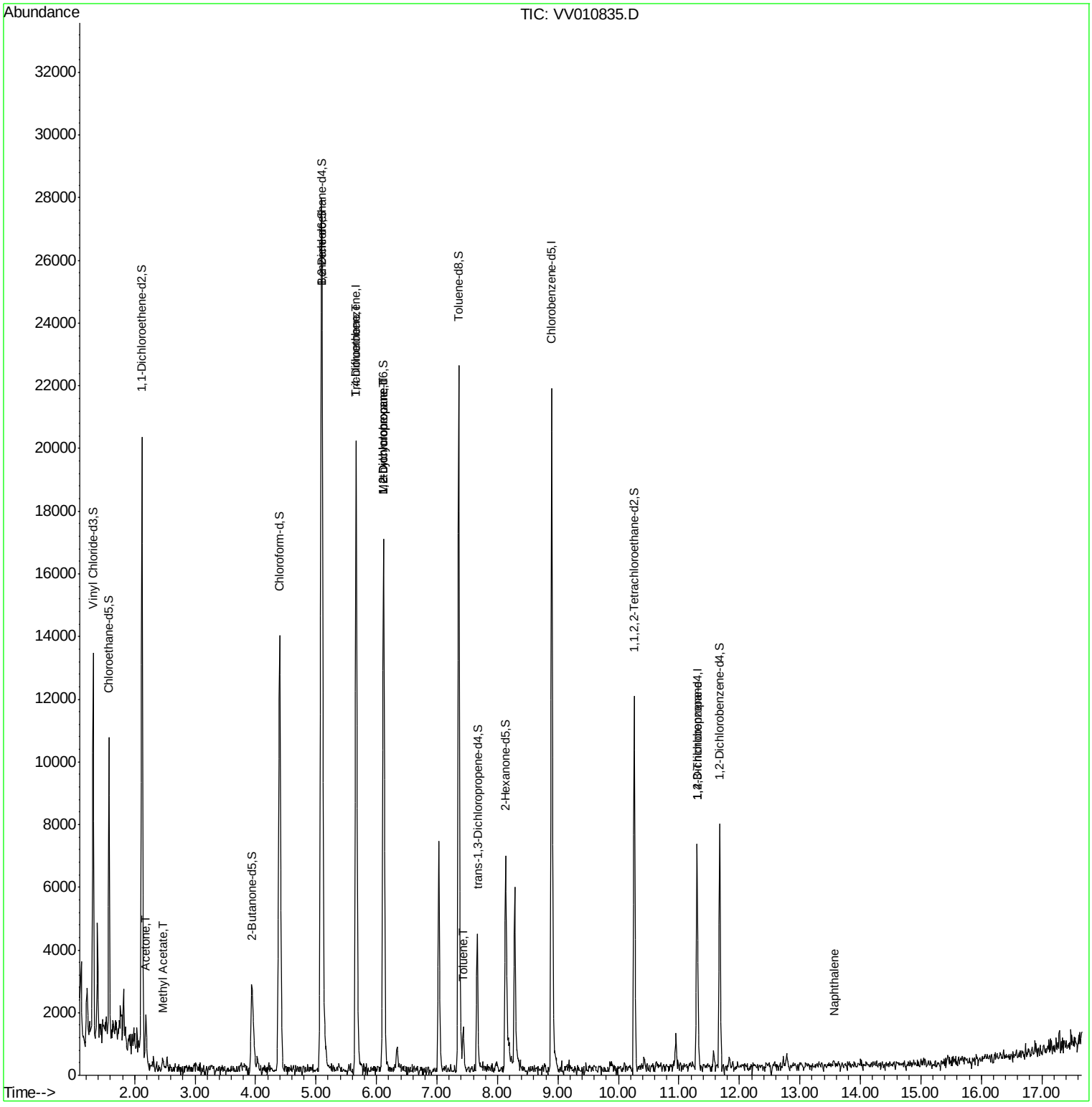
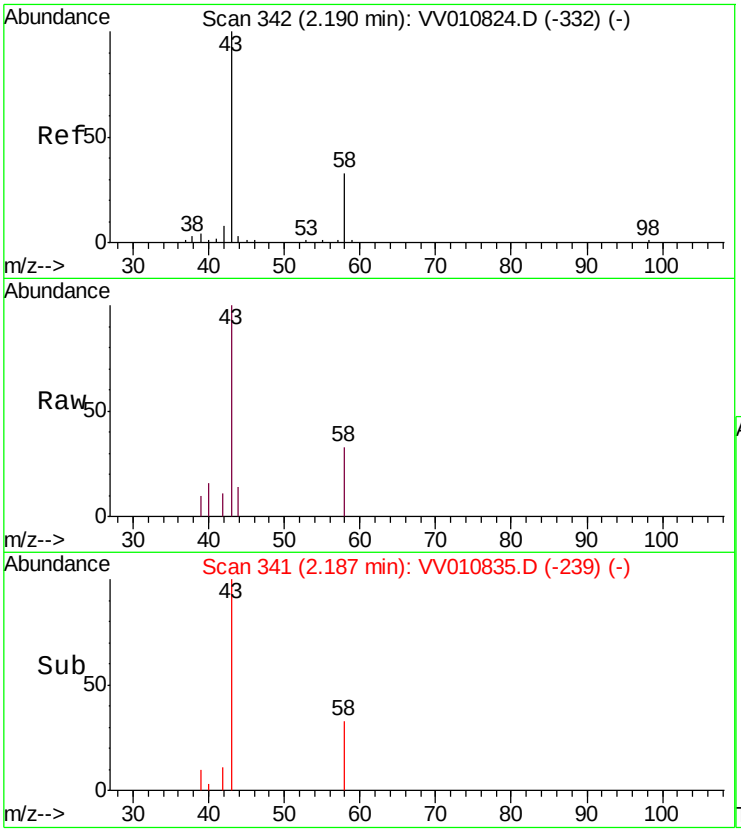
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration



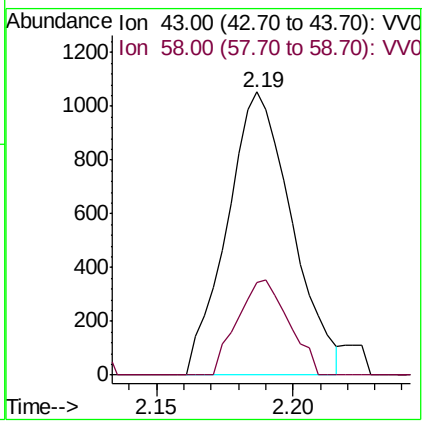


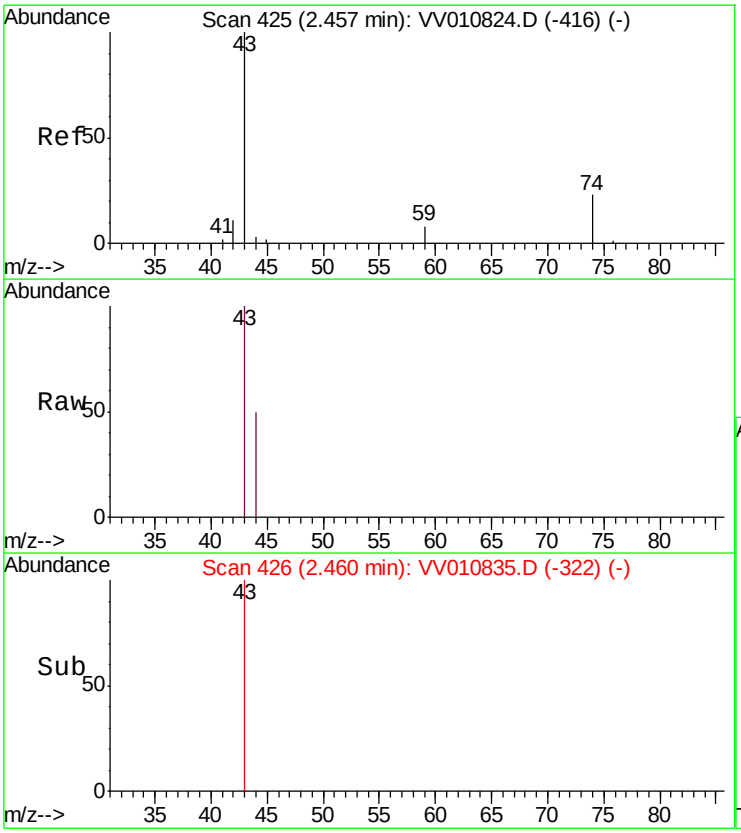
#13
Acetone
Concen: 14.076 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Instrument :
MSVOA_V
ClientSampleId :
A5184

Tgt Ion: 43 Resp: 1735

Ion	Ratio	Lower	Upper
43	100		
58	26.5	0.0	63.4

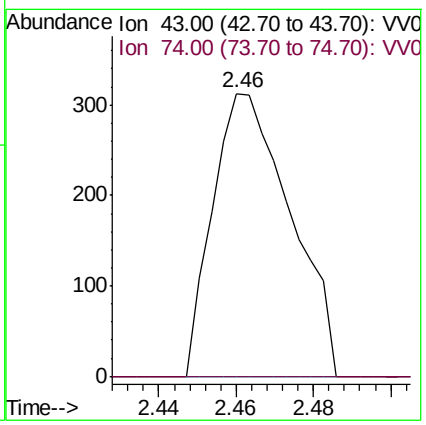


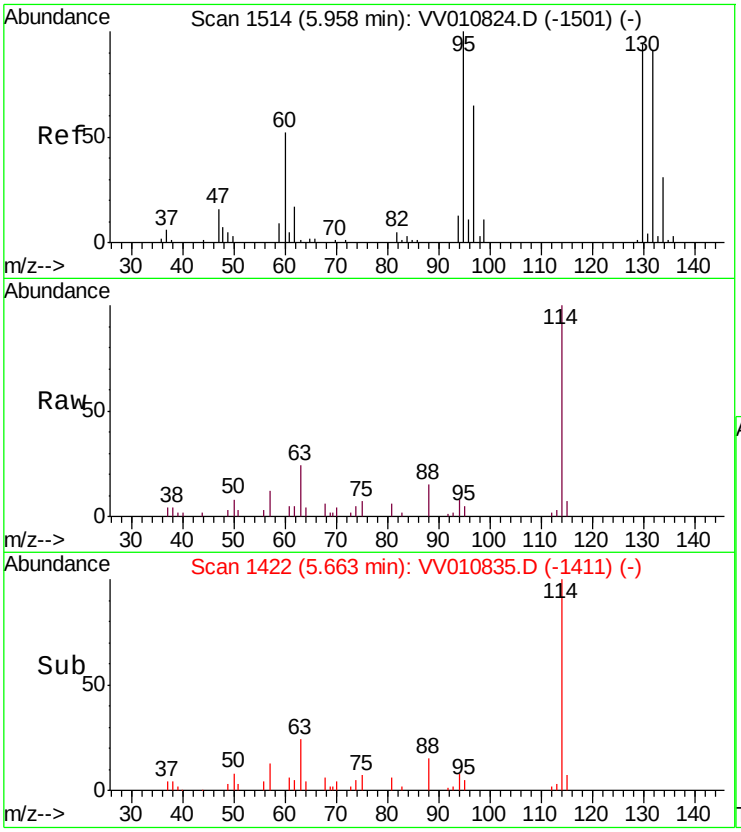


#15
Methyl Acetate
Concen: 2.961 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Tgt Ion: 43 Resp: 436

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.0	25.4#



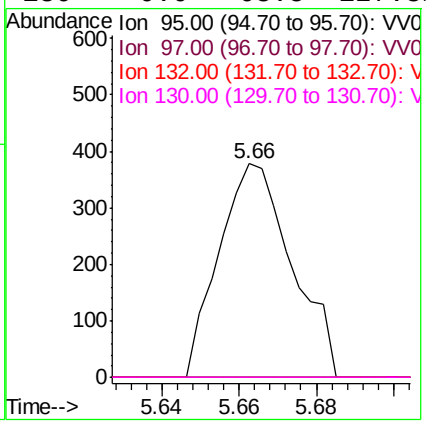


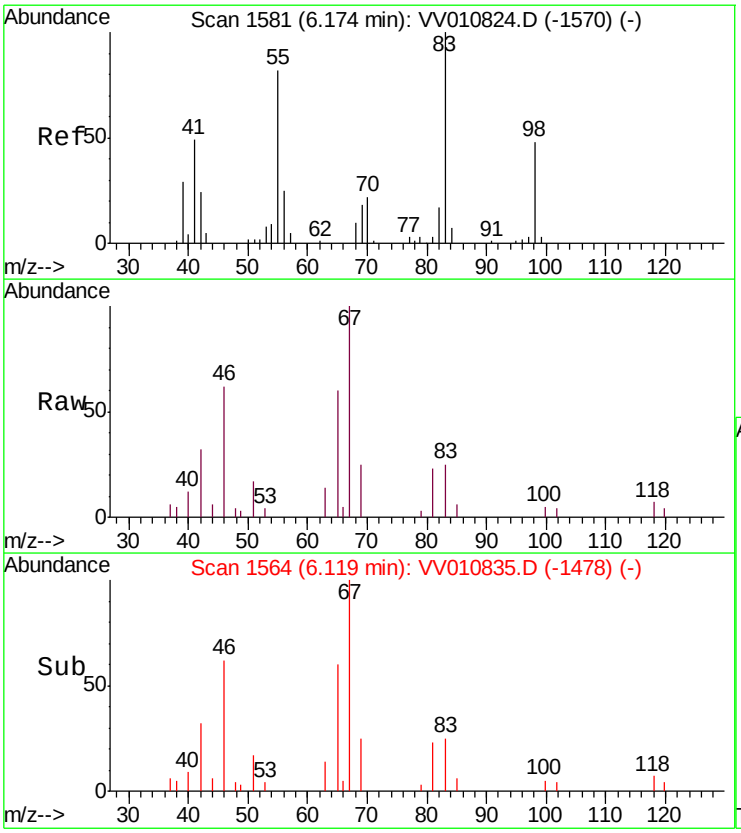
#35
Trichloroethene
Concen: 2.540 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Instrument : MSVOA_V
ClientSampleId : A5184

Tgt Ion: 95 Resp: 495

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#

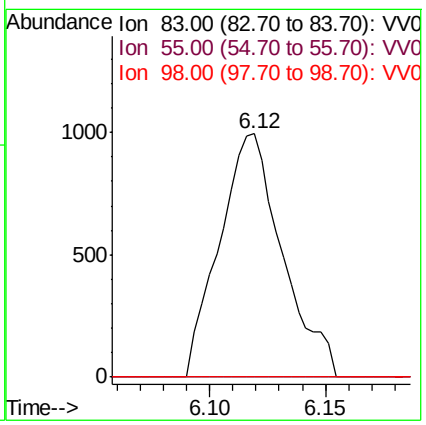


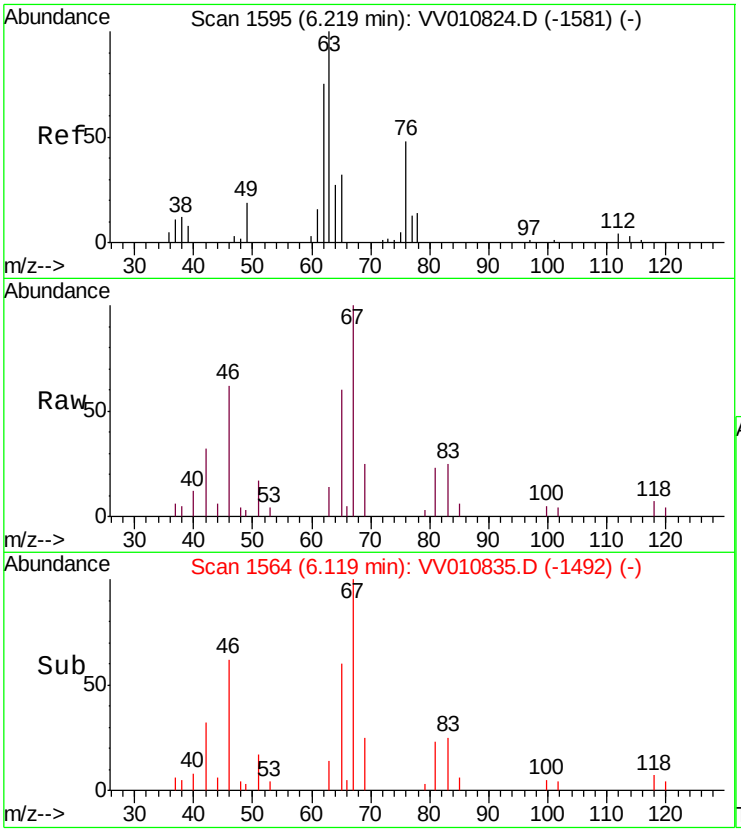


#36
Methylcyclohexane
Concen: 5.994 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Tgt Ion: 83 Resp: 1872

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	0.0	37.7	56.5#



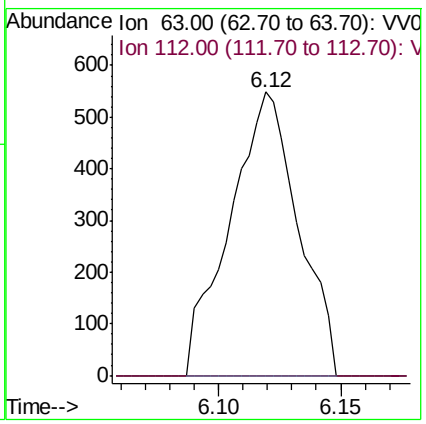


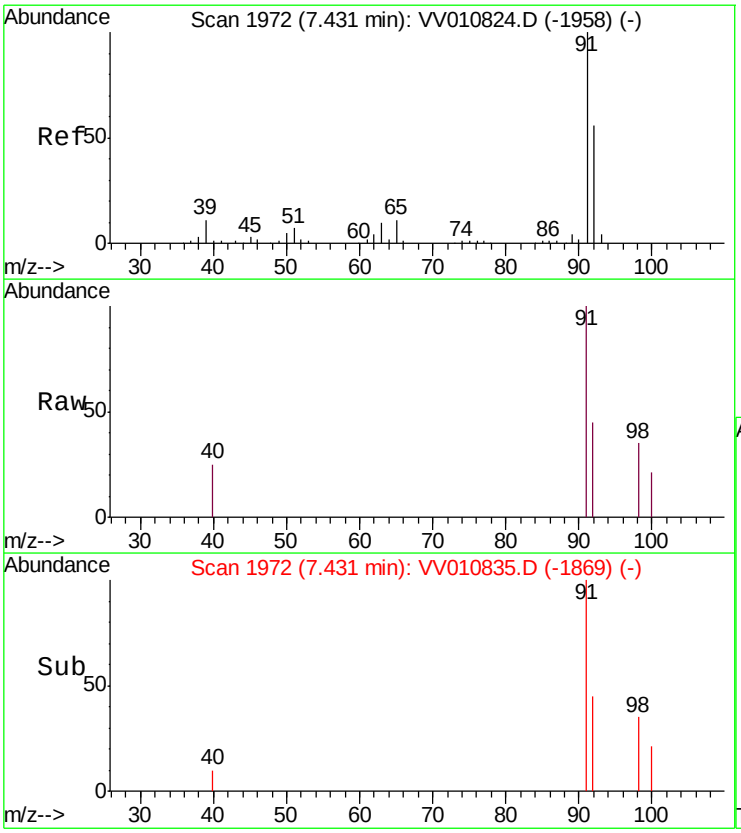
#40
1,2-Dichloropropane
Concen: 5.755 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Instrument : MSVOA_V
ClientSampleId : A5184

Tgt Ion: 63 Resp: 1065

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#

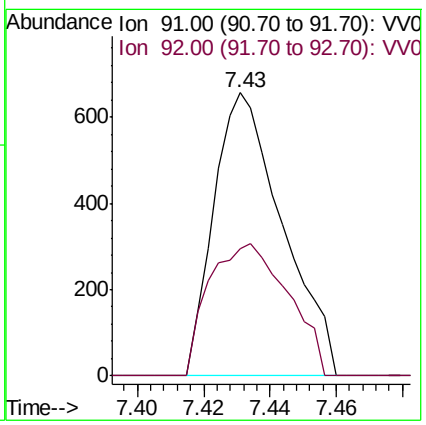


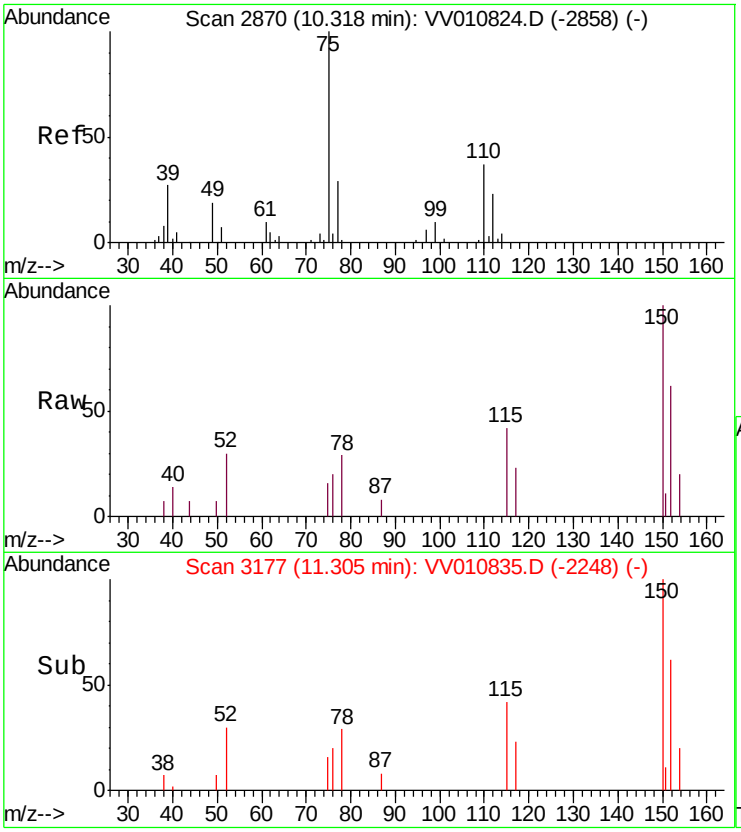


#44
Toluene
Concen: 1.196 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Tgt Ion: 91 Resp: 945

Ion	Ratio	Lower	Upper
91	100		
92	45.1	40.1	74.5



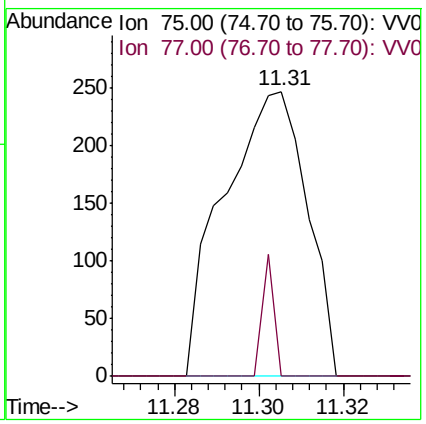


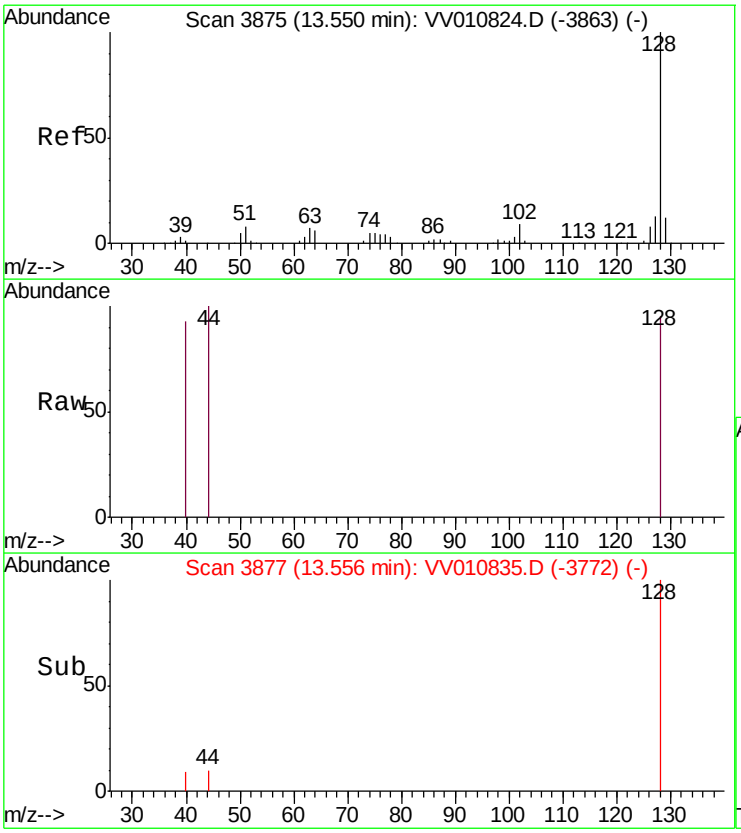
#59
1,2,3-Trichloropropane
Concen: 2.174 ug/L
RT: 11.31 min Scan# 3177
Delta R.T. 0.99 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Instrument : MSVOA_V
ClientSampleId : A5184

Tgt Ion: 75 Resp: 338

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.0	37.6#





#69
Naphthalene
Concen: 0.678 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.01 min
Lab File: VV010835.D
Acq: 11 May 2019 02:15

Tgt Ion:128 Resp: 124

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.3	12.5#
127	0.0	10.8	16.2#