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

Quantitation Report (Not Reviewed)

Data File : VV010839.D
Acq On : 11 May 2019 04:07
Operator : SY/MD
Sample : K2692-28
Misc : 6.07G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A5193

Quant Time: May 11 05:08:42 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	5.66	114	76276	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	76126	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28473	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	20164	17.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 68.08%			
7) Chloroethane-d5	1.56	69	20810	21.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.36%			
10) 1,1-Dichloroethene-d2	2.12	63	36154	14.07	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.28%			
20) 2-Butanone-d5	3.93	46	29903	84.10	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 168.20%#			
24) Chloroform-d	4.39	84	51518	24.77	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.08%			
26) 1,2-Dichloroethane-d4	5.08	65	38230	29.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 117.76%			
29) Benzene-d6	5.09	84	90285	22.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.12%			
33) 1,2-Dichloropropane-d6	6.11	67	32430	25.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.60%			
37) Toluene-d8	7.36	98	72992	19.02	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.08%			
38) trans-1,3-Dichloropropene-	7.66	79	13151	22.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 90.36%			
39) 2-Hexanone-d5	8.13	63	20689	77.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 154.88%#			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39843	33.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 132.80%#			
61) 1,2-Dichlorobenzene-d4	11.67	152	27789	25.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.80%			

Target Compounds						Qvalue
3) Chloromethane	1.30	50	1311	1.020	ug/L	85
8) Chloroethane	1.51	64	1841	1.981	ug/L #	52
13) Acetone	2.18	43	3223	5.855	ug/L	88
14) Carbon disulfide	2.31	76	24115	8.172	ug/L #	94
35) Trichloroethene	5.66	95	2433	1.944	ug/L #	7
36) Methylcyclohexane	6.12	83	7688	3.832	ug/L #	17
40) 1,2-Dichloropropane	6.11	63	3782	3.181	ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	4271	4.277	ug/L #	88

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

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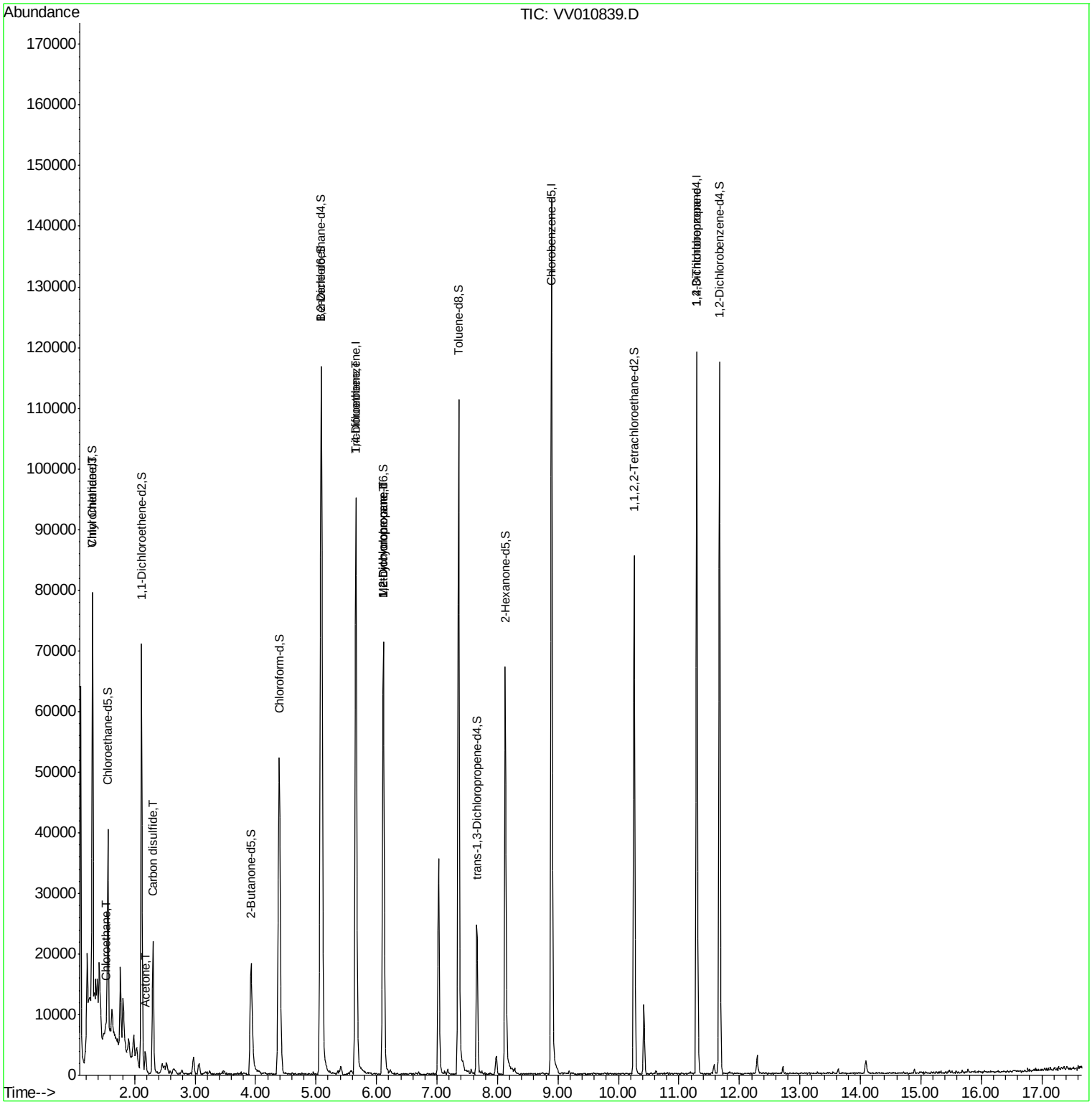
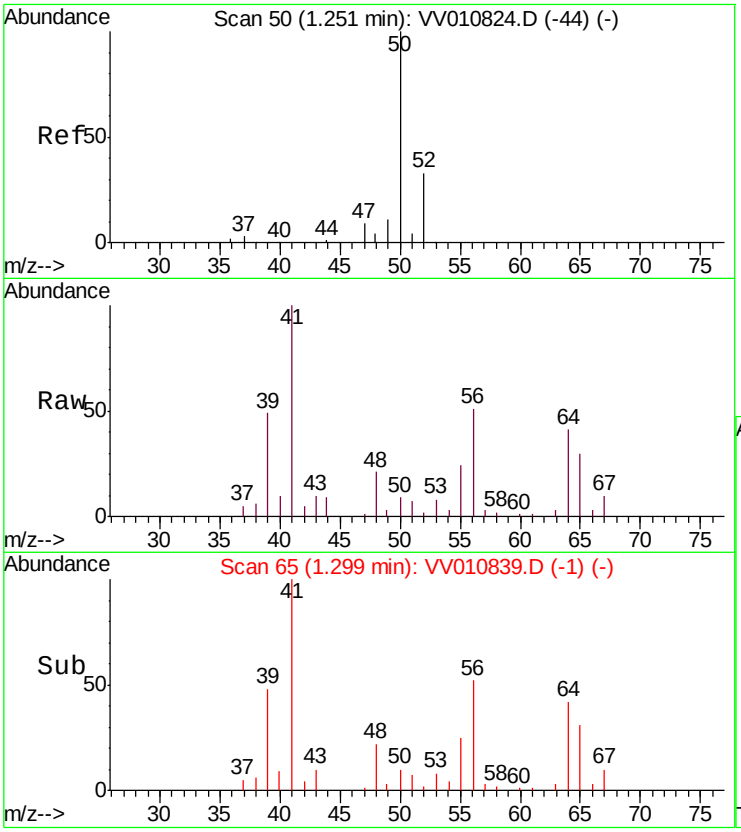
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration



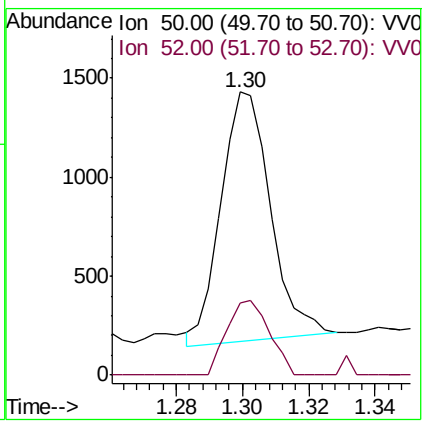


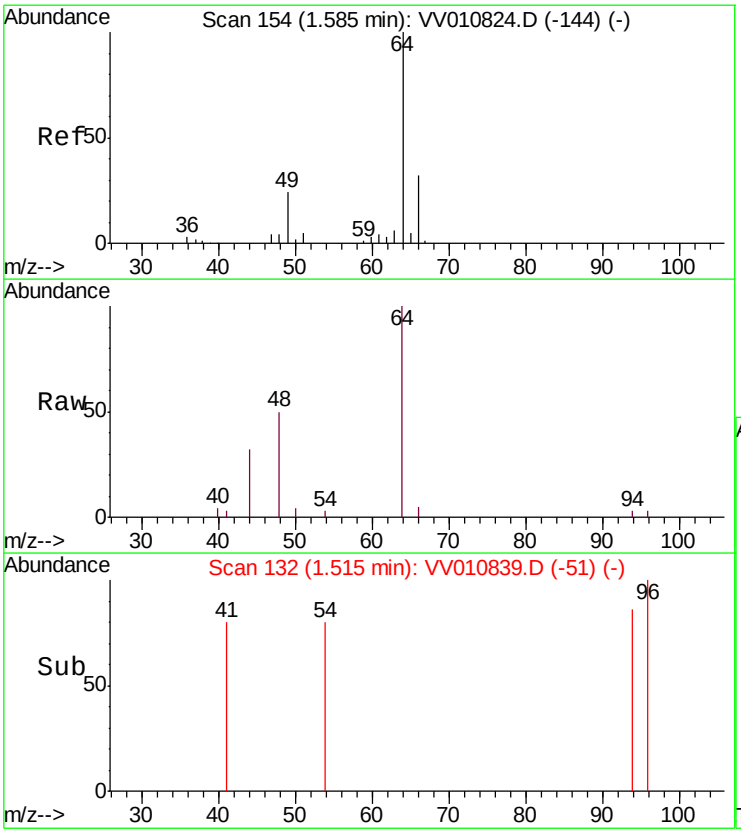
#3
Chloromethane
Concen: 1.020 ug/L
RT: 1.30 min Scan# 65
Delta R.T. 0.05 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Instrument :
MSVOA_V
ClientSampleId :
A5193

Tgt Ion: 50 Resp: 1311

Ion	Ratio	Lower	Upper
50	100		
52	25.3	23.7	43.9

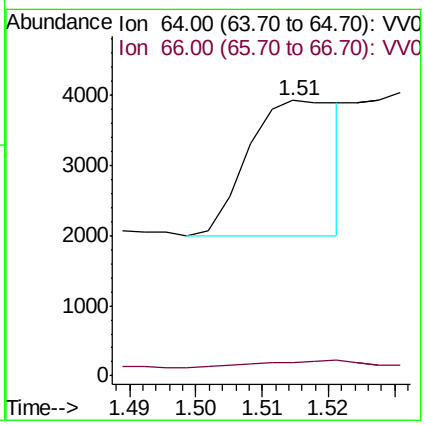


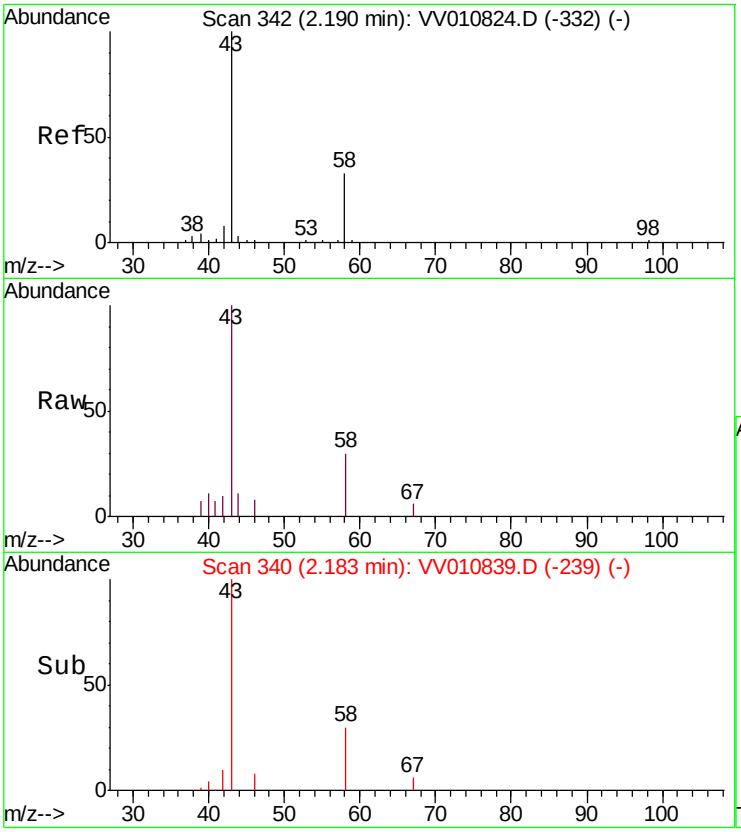


#8
Chloroethane
Concen: 1.981 ug/L
RT: 1.51 min Scan# 132
Delta R.T. -0.07 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Tgt Ion: 64 Resp: 1841

Ion	Ratio	Lower	Upper
64	100		
66	4.9	21.8	40.4#



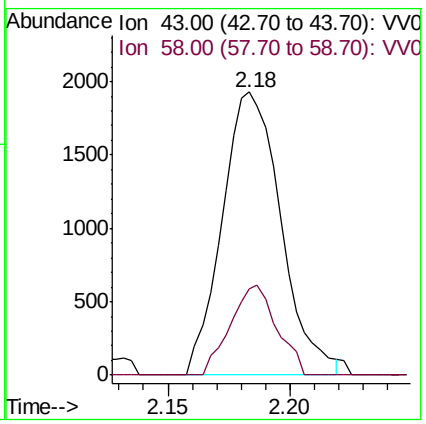


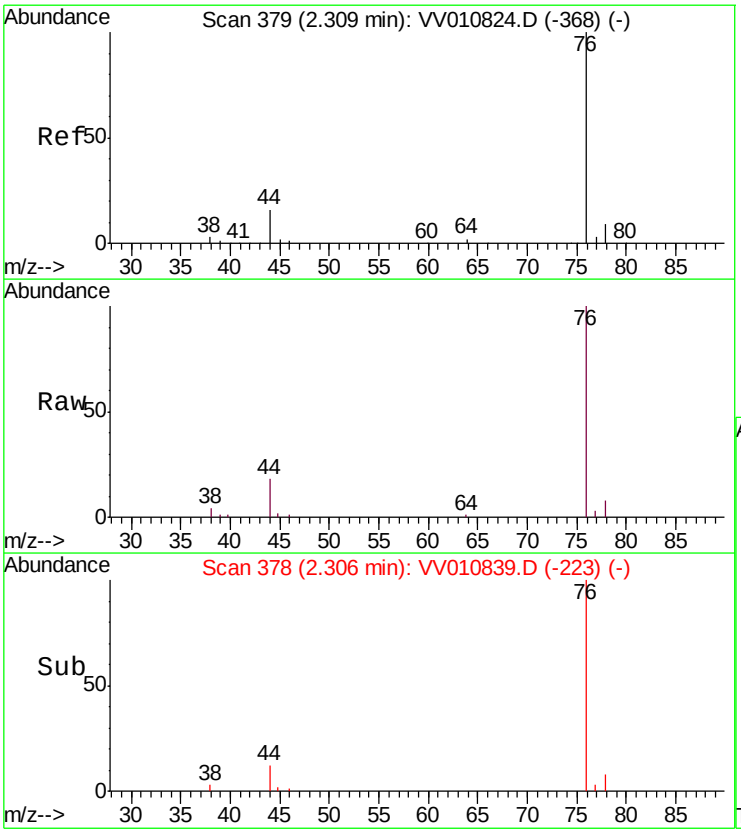
#13
Acetone
Concen: 5.855 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Instrument : MSVOA_V
ClientSampleId : A5193

Tgt Ion: 43 Resp: 3223

Ion	Ratio	Lower	Upper
43	100		
58	25.1	0.0	63.4

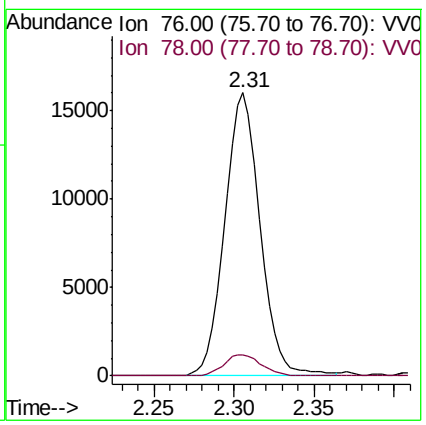


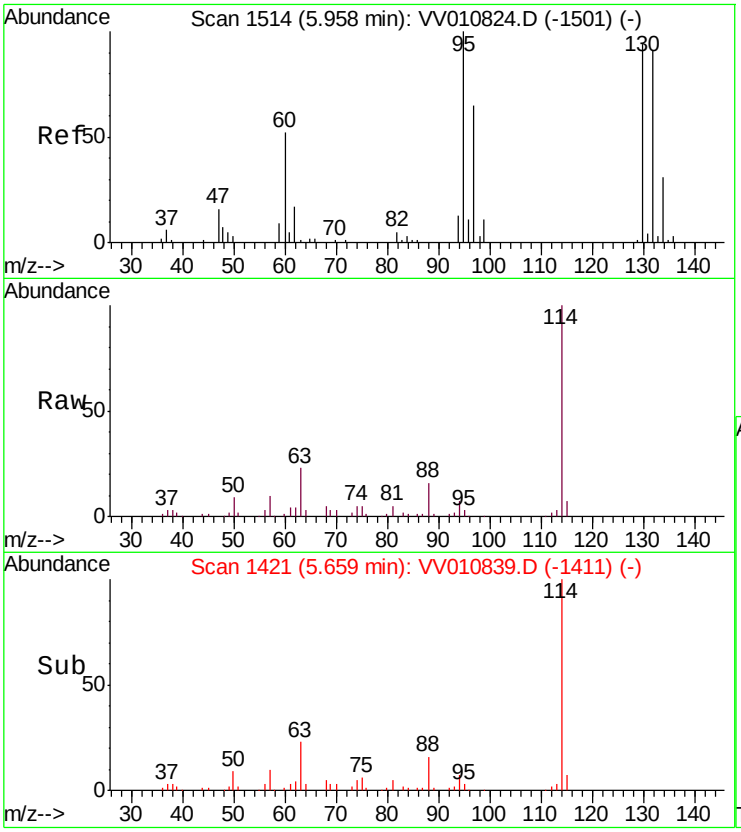


#14
Carbon disulfide
Concen: 8.172 ug/L
RT: 2.31 min Scan# 378
Delta R.T. -0.00 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Tgt Ion: 76 Resp: 24115

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.8	11.8#



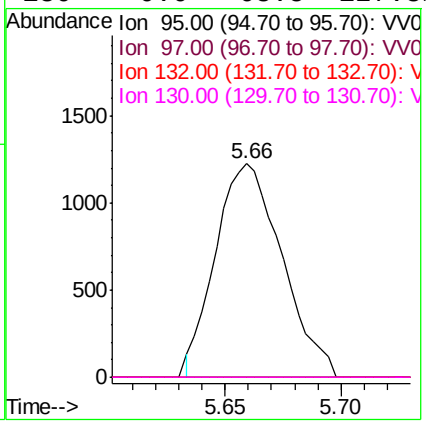


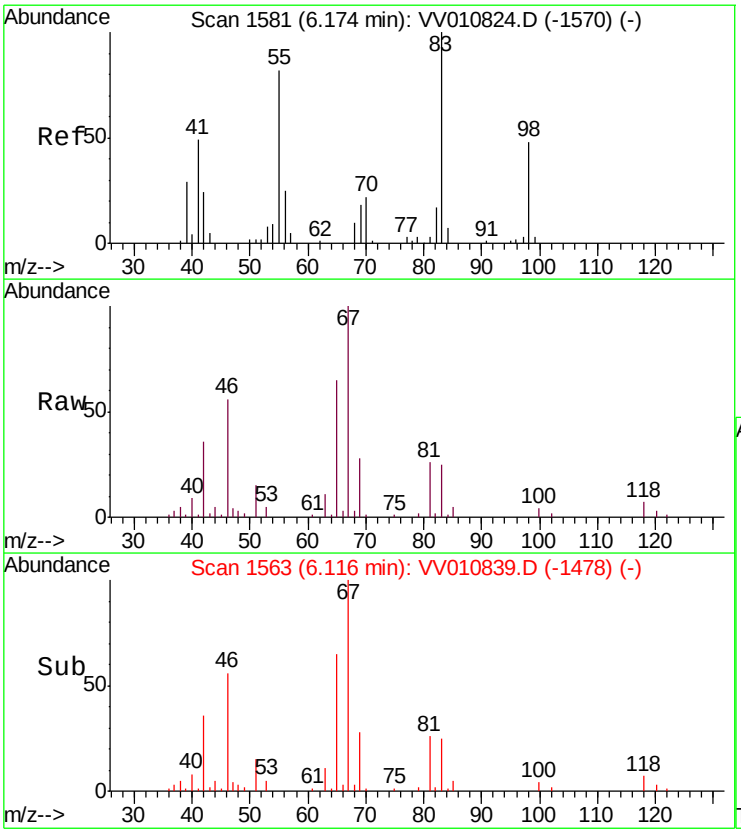
#35
Trichloroethene
Concen: 1.944 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Instrument : MSVOA_V
ClientSampleId : A5193

Tgt Ion: 95 Resp: 2433

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#

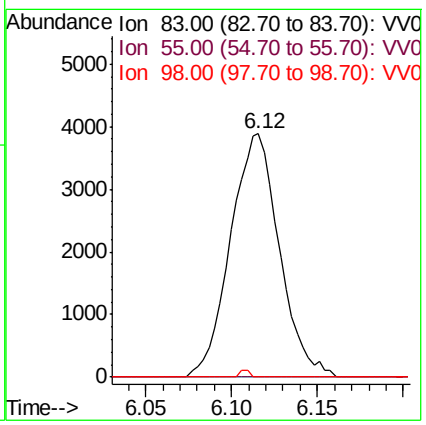


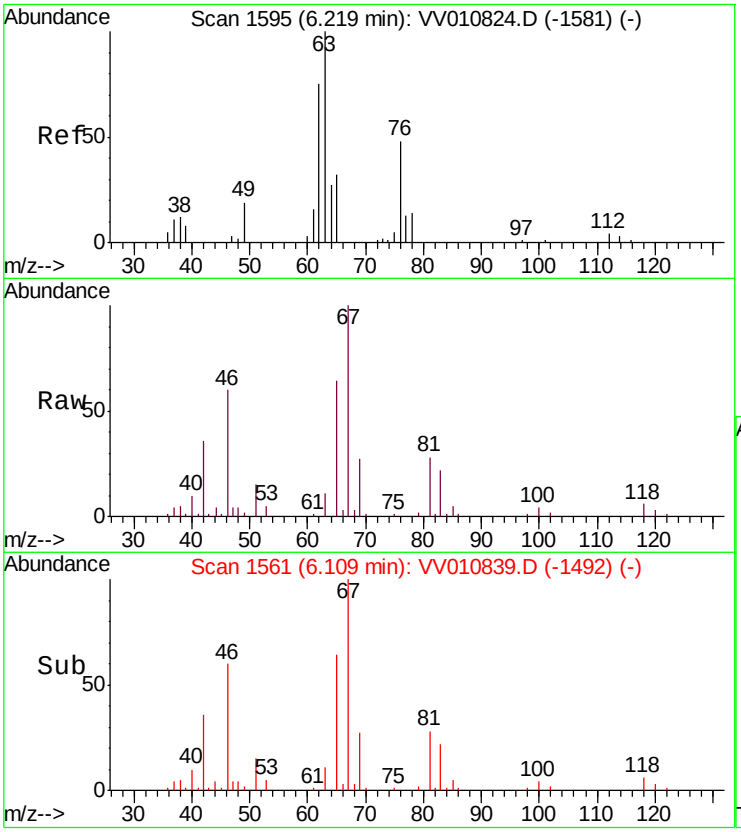


#36
Methylcyclohexane
Concen: 3.832 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Tgt Ion: 83 Resp: 7688

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	0.5	37.7	56.5#



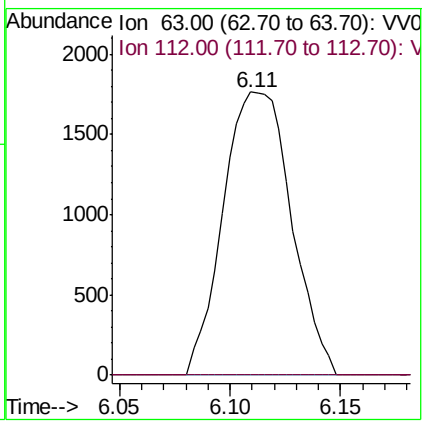


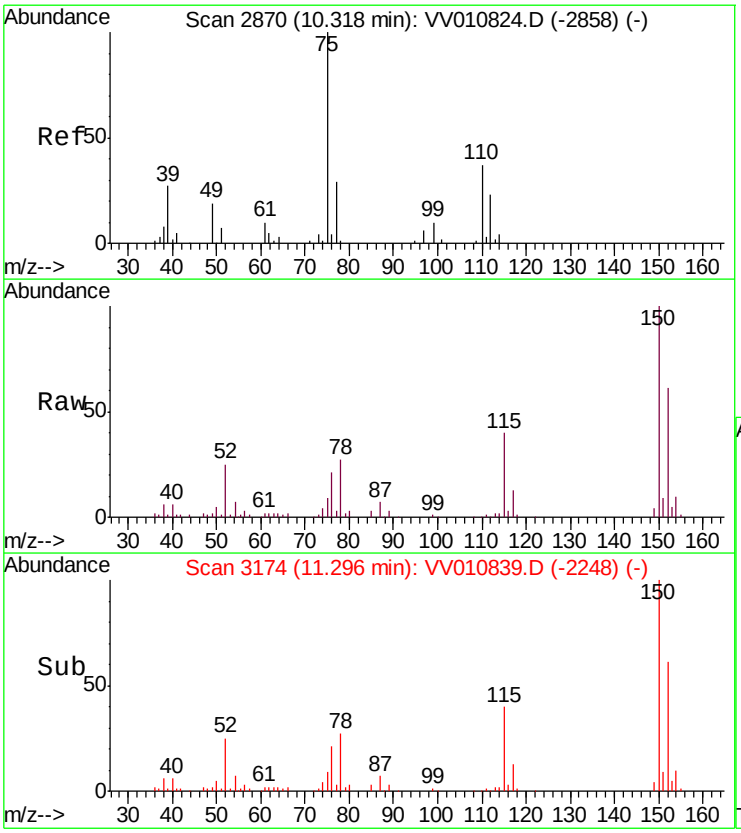
#40
1,2-Dichloropropane
Concen: 3.181 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Instrument :
MSVOA_V
ClientSampleId :
A5193

Tgt Ion: 63 Resp: 3782

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 4.277 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010839.D
Acq: 11 May 2019 04:07

Tgt Ion: 75 Resp: 4271

Ion	Ratio	Lower	Upper
75	100		
77	37.7	25.0	37.6#