Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
Data File : VV009554.D
Acq On : 08 Mar 2019 22:03
Operator : SY/MD
Sample : K1794-06
Misc : 3.05G/10ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5N6

Quant Time: Mar 09 01:28:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	147623	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132035	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47904	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	32536	18.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 73.24%			
7) Chloroethane-d5	1.58	69	65988	25.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.72%			
10) 1,1-Dichloroethene-d2	2.13	63	73628	15.92	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.68%			
20) 2-Butanone-d5	3.95	46	20469	33.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.60%			
24) Chloroform-d	4.40	84	85433	24.29	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 97.16%			
26) 1,2-Dichloroethane-d4	5.08	65	50271	25.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.52%			
29) Benzene-d6	5.10	84	171135	26.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.68%			
33) 1,2-Dichloropropane-d6	6.12	67	54742	28.37	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.48%			
37) Toluene-d8	7.36	98	156860	24.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.40%			
38) trans-1,3-Dichloropropene-	7.67	79	17564	18.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 75.12%			
39) 2-Hexanone-d5	8.14	63	16014	35.56	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.12%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44669	21.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.88%			
61) 1,2-Dichlorobenzene-d4	11.67	152	42144	24.10	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.40%			
Target Compounds						Qvalue
13) Acetone	2.21	43	9178	14.907	ug/L	97
25) Chloroform	4.43	83	2231	0.644	ug/L	96
35) Trichloroethene	5.67	95	4620	2.356	ug/L #	6
36) Methylcyclohexane	6.12	83	13154	4.118	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	6278	3.569	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1816	0.665	ug/L #	80
49) 2-Hexanone	8.14	43	2251	2.147	ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	6813	4.580	ug/L	91

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

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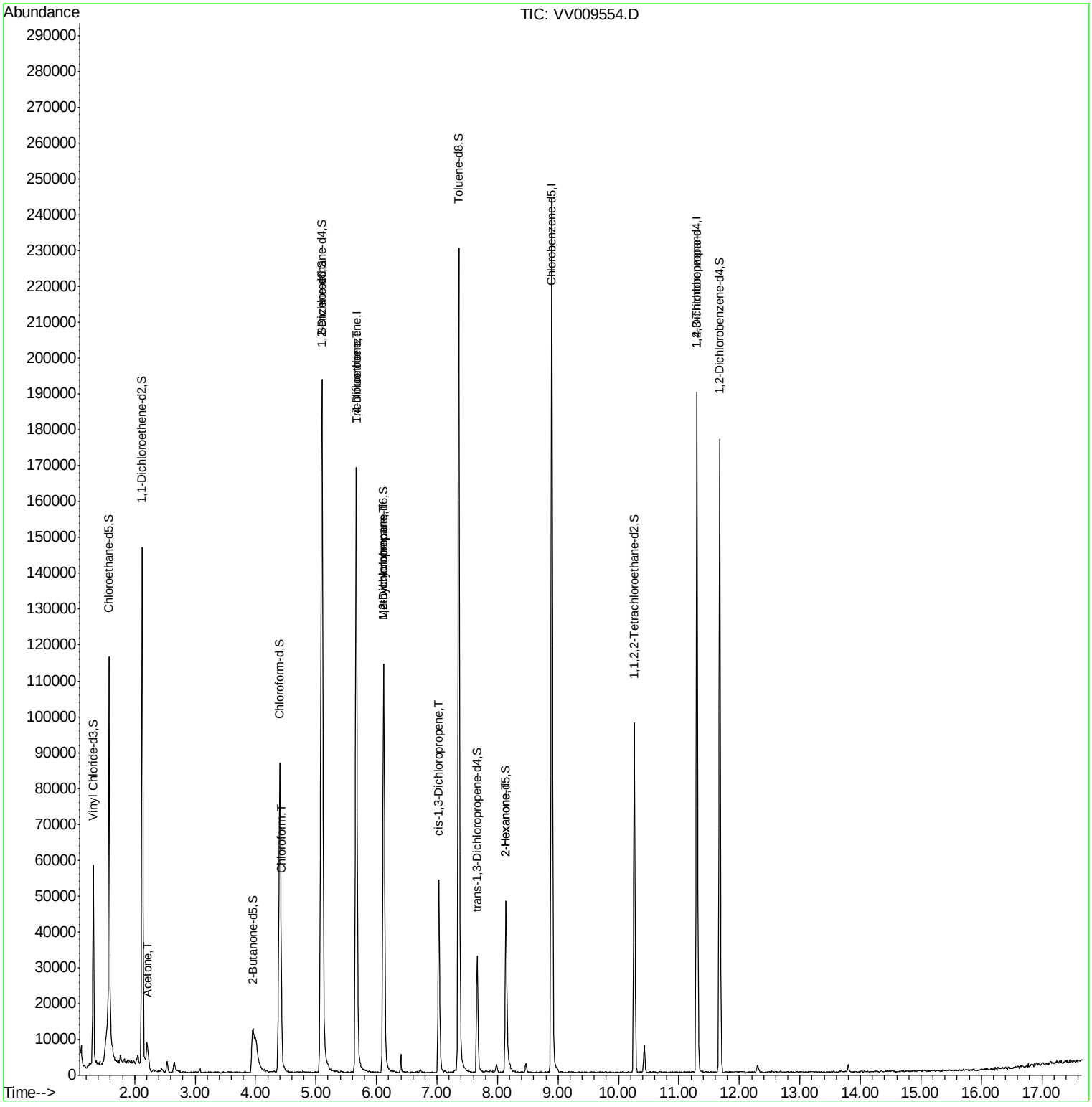
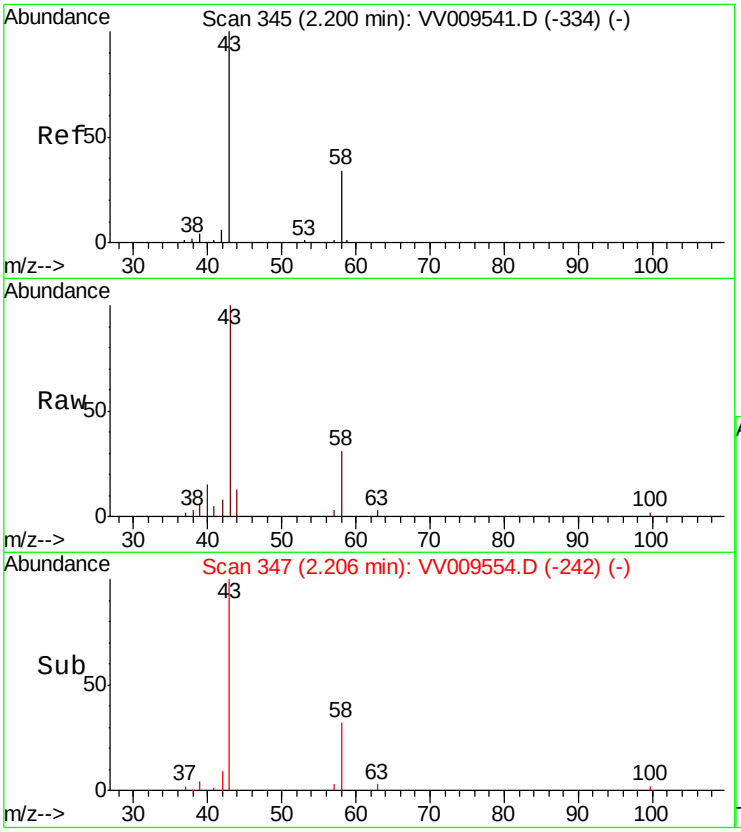
Quant Title : VOC Analysis
QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration



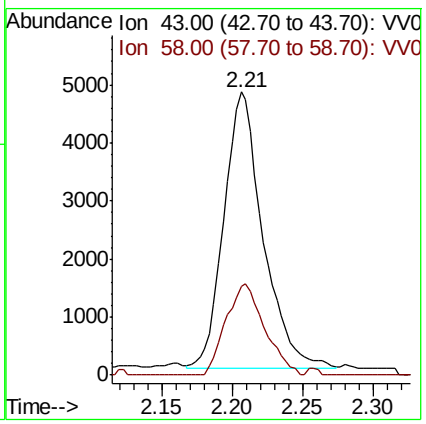


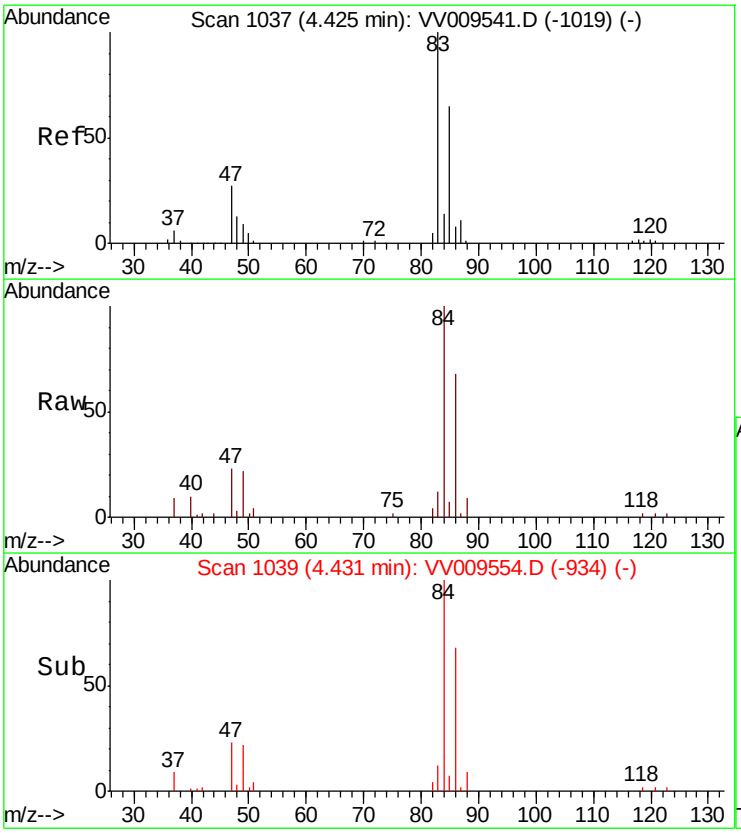
#13
Acetone
Concen: 14.907 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Instrument :
MSVOA_V
ClientSampleId :
BF5N6

Tgt Ion: 43 Resp: 9178

Ion	Ratio	Lower	Upper
43	100		
58	32.8	0.0	68.8

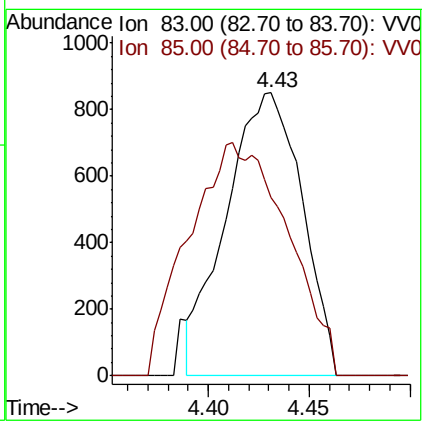


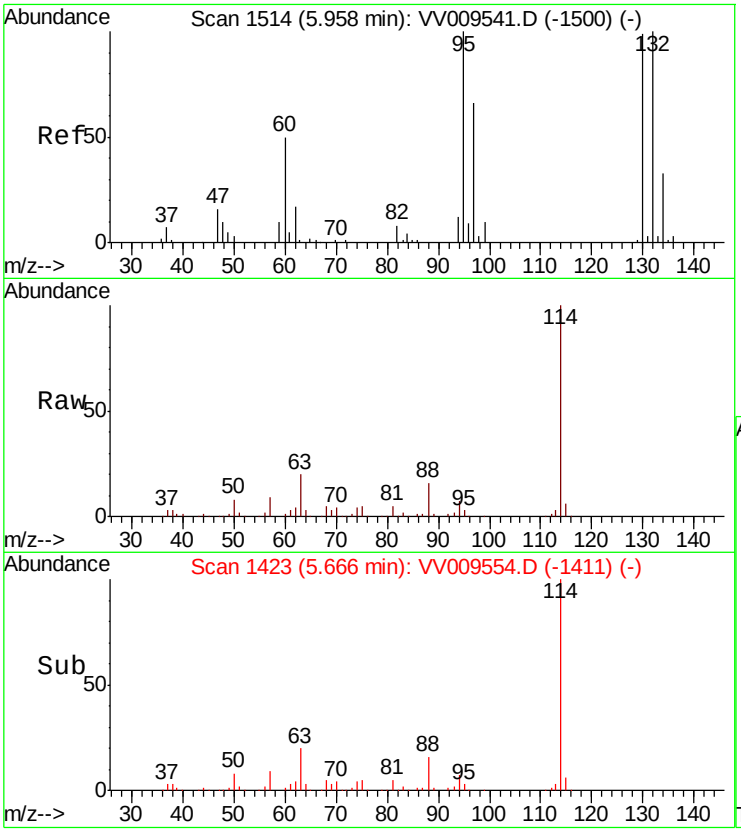


#25
Chloroform
Concen: 0.644 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Tgt Ion: 83 Resp: 2231

Ion	Ratio	Lower	Upper
83	100		
85	61.4	45.4	84.2



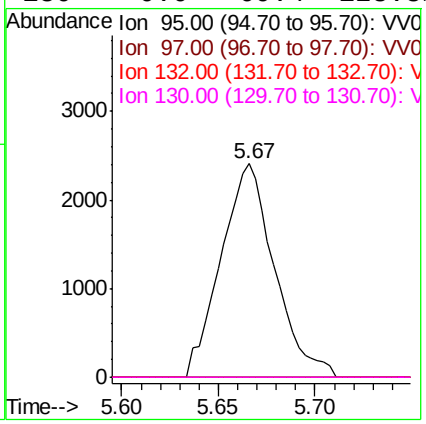


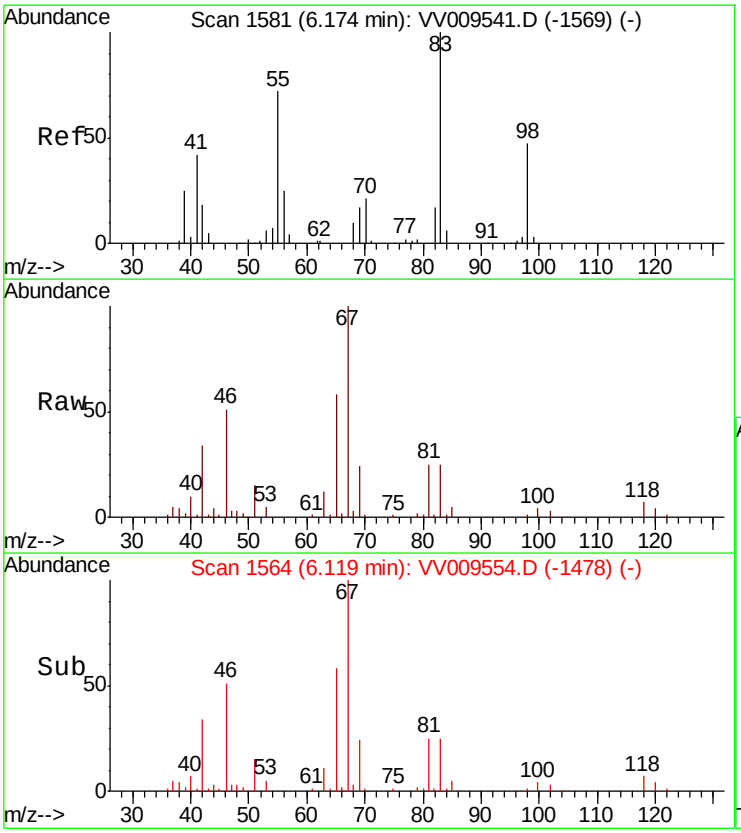
#35
Trichloroethene
Concen: 2.356 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Instrument : MSVOA_V
ClientSampleId : BF5N6

Tgt Ion: 95 Resp: 4620

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.3	82.3#
132	0.0	64.4	119.6#
130	0.0	69.4	128.8#

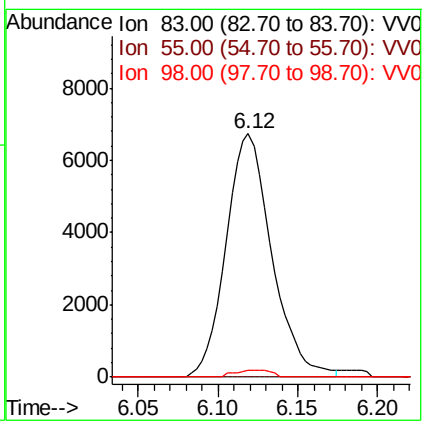


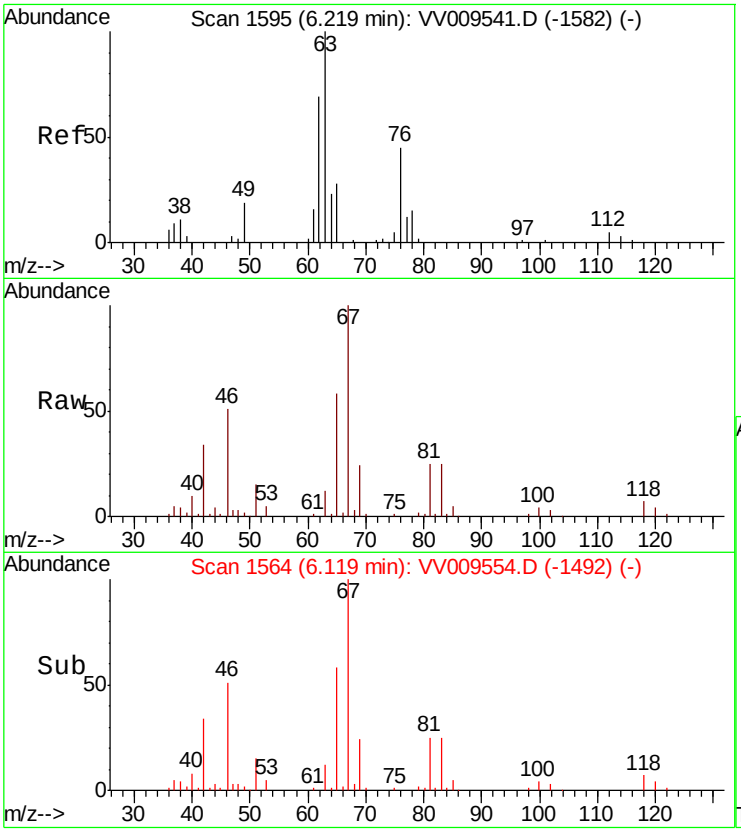


#36
Methylcyclohexane
Concen: 4.118 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Tgt Ion: 83 Resp: 13154

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.8	88.2#
98	1.9	37.7	56.5#



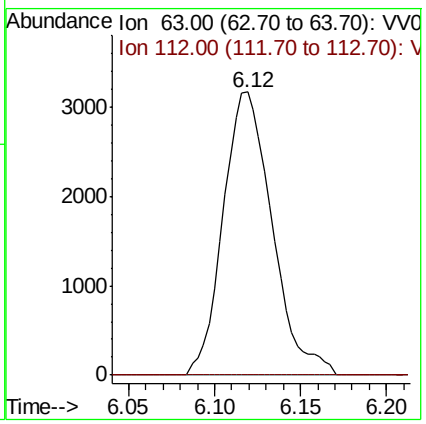


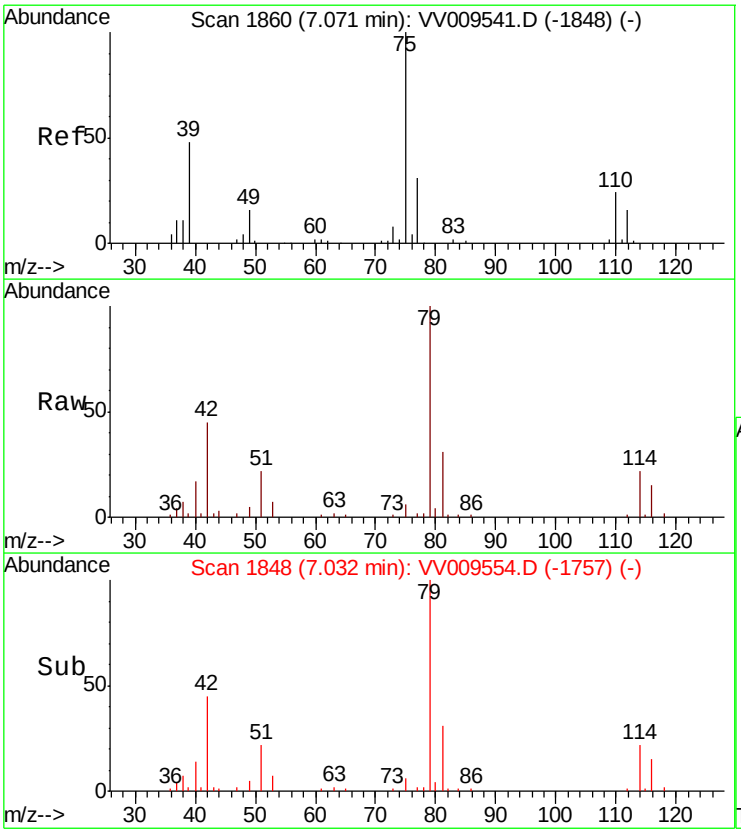
#40
1,2-Dichloropropane
Concen: 3.569 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Instrument :
MSVOA_V
ClientSampleId :
BF5N6

Tgt Ion: 63 Resp: 6278

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

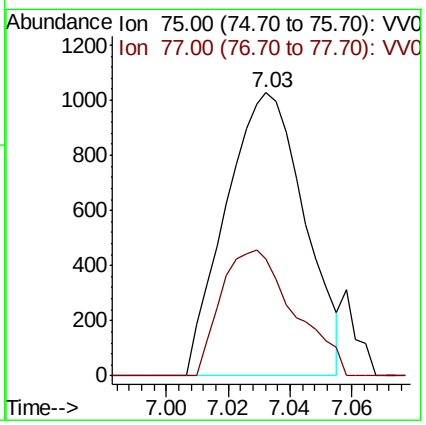


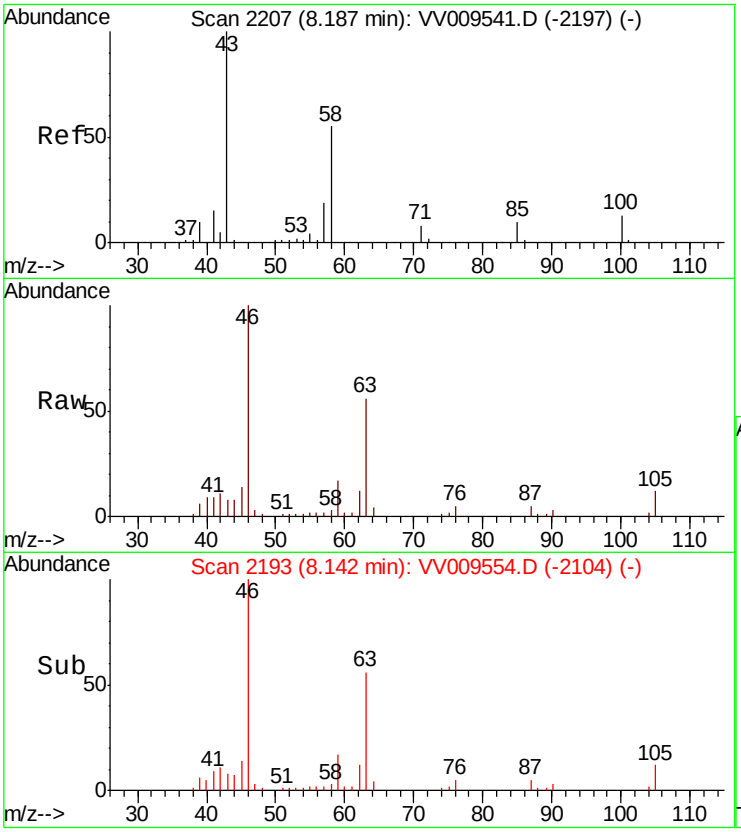


#42
cis-1,3-Dichloropropene
Concen: 0.665 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Tgt Ion: 75 Resp: 1816

Ion	Ratio	Lower	Upper
75	100		
77	41.5	21.4	39.8#



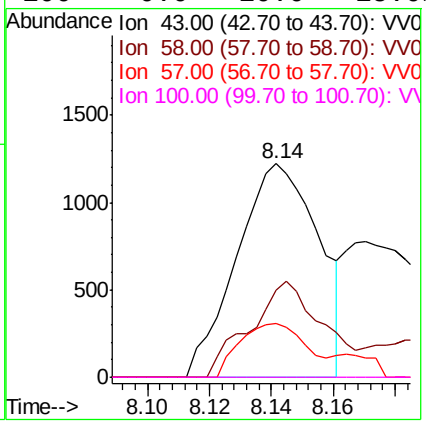


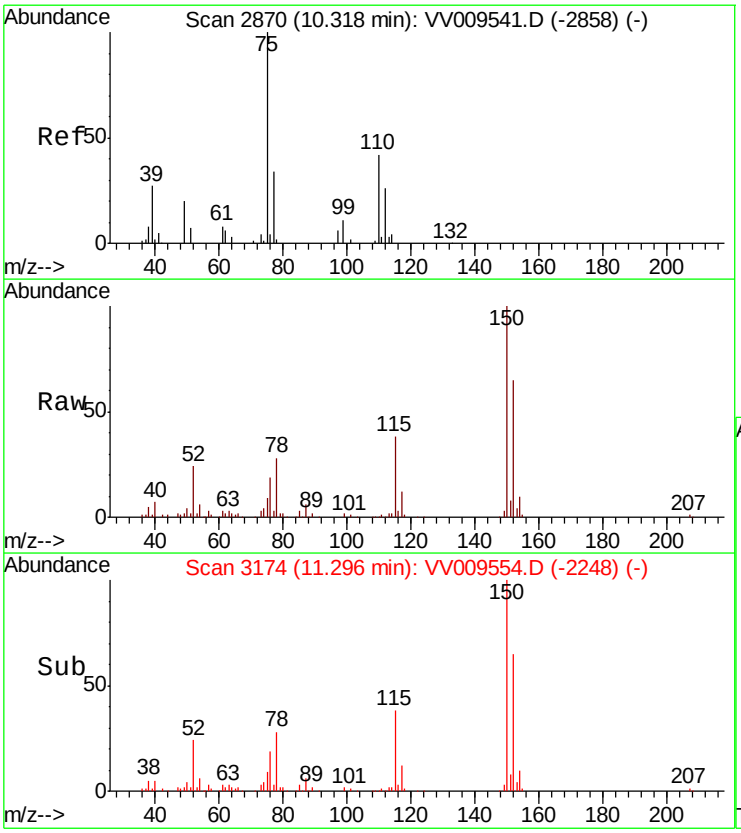
#49
2-Hexanone
Concen: 2.147 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.04 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Instrument :
MSVOA_V
ClientSampleId :
BF5N6

Tgt Ion: 43 Resp: 2251

Ion	Ratio	Lower	Upper
43	100		
58	39.8	46.3	69.5#
57	20.4	15.8	23.6
100	0.0	10.0	15.0#





#59
1,2,3-Trichloropropane
Concen: 4.580 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009554.D
Acq: 08 Mar 2019 22:03

Tgt Ion: 75 Resp: 6813

Ion	Ratio	Lower	Upper
75	100		
77	37.4	25.9	38.9