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

Quantitation Report (Not Reviewed)

Data File : VV010812.D
Acq On : 10 May 2019 13:45
Operator : SY/MD
Sample : K2693-03RE
Misc : 4.22G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFH63RE

Quant Time: May 10 23:03:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	71065	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	62030	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	17668	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	24712	22.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.52%			
7) Chloroethane-d5	1.58	69	24085	26.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.04%			
10) 1,1-Dichloroethene-d2	2.13	63	39101	16.33	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 65.32%			
20) 2-Butanone-d5	3.94	46	13023	39.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.62%			
24) Chloroform-d	4.40	84	46723	24.12	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.48%			
26) 1,2-Dichloroethane-d4	5.08	65	29676	24.53	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.12%			
29) Benzene-d6	5.10	84	88807	27.20	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 108.80%			
33) 1,2-Dichloropropane-d6	6.12	67	30488	29.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 117.24%			
37) Toluene-d8	7.36	98	72808	23.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.16%			
38) trans-1,3-Dichloropropene-	7.66	79	9831	20.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 82.92%			
39) 2-Hexanone-d5	8.13	63	8716	40.04	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	19601	20.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 80.20%			
61) 1,2-Dichlorobenzene-d4	11.67	152	16021	23.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.64%			

Target Compounds						Qvalue
13) Acetone	2.19	43	1495	2.915	ug/L	91
16) Methylene chloride	2.54	84	4187	3.810	ug/L	89
25) Chloroform	4.43	83	2899	1.348	ug/L	98
35) Trichloroethene	5.67	95	2334	2.288	ug/L #	7
36) Methylcyclohexane	6.12	83	7252	4.436	ug/L #	17
40) 1,2-Dichloropropane	6.12	63	3624	3.741	ug/L #	87
59) 1,2,3-Trichloropropane	11.29	75	2469	3.034	ug/L #	76

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

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Instrument : MSVOA_V
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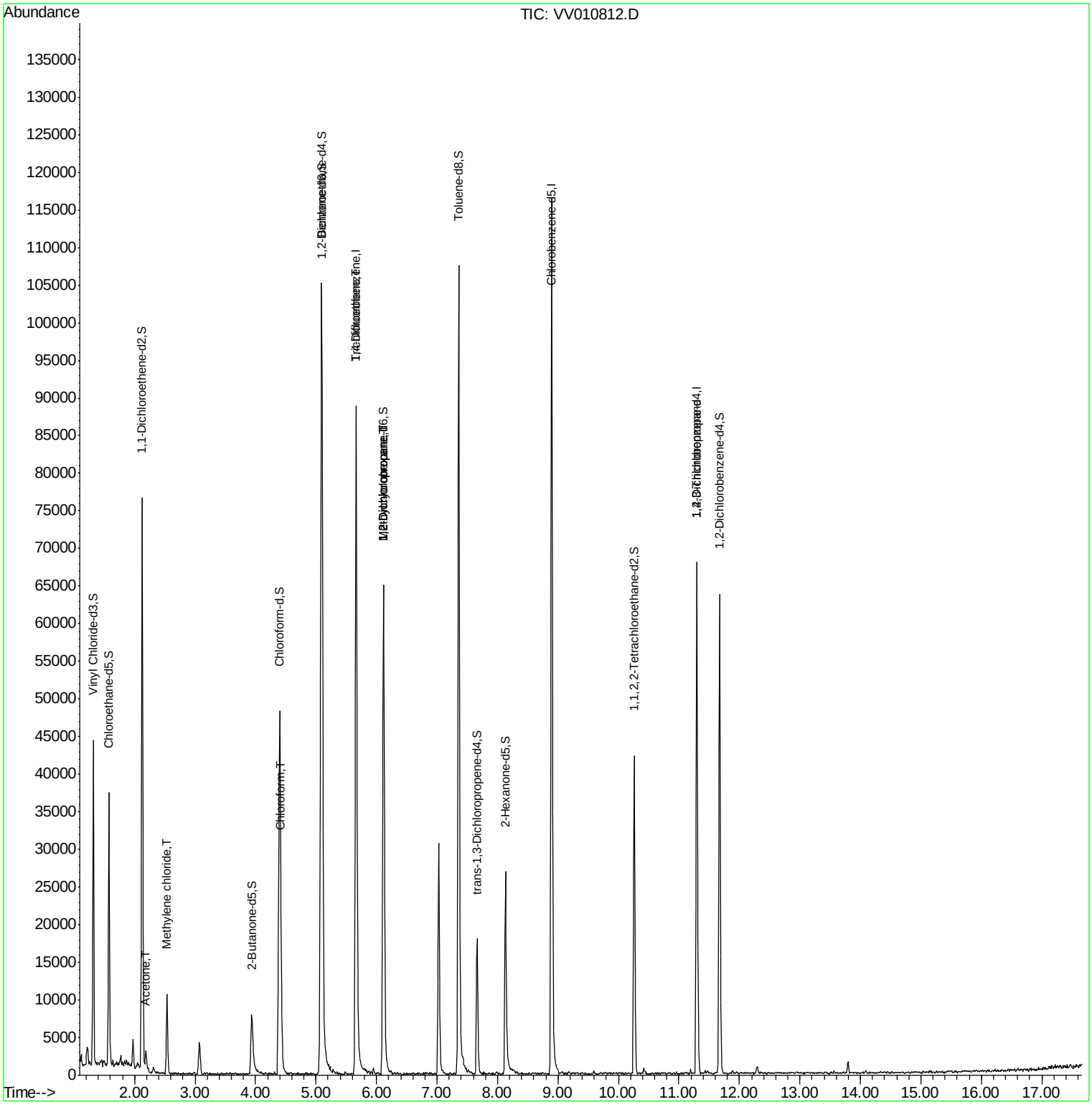
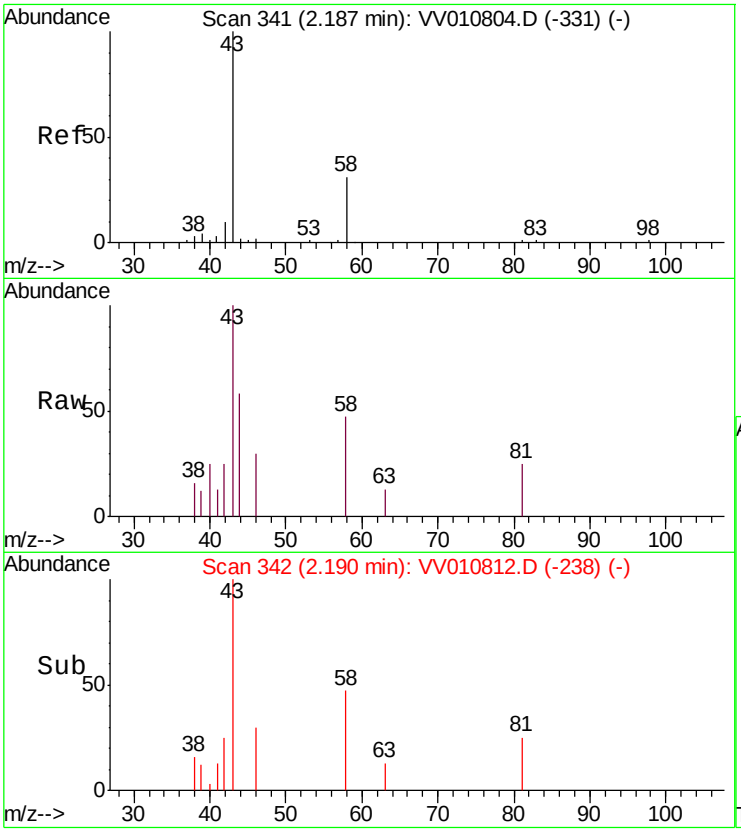
Quant Title : VOC Analysis
QLast Update : Fri May 10 22:59:03 2019
Response via : Initial Calibration



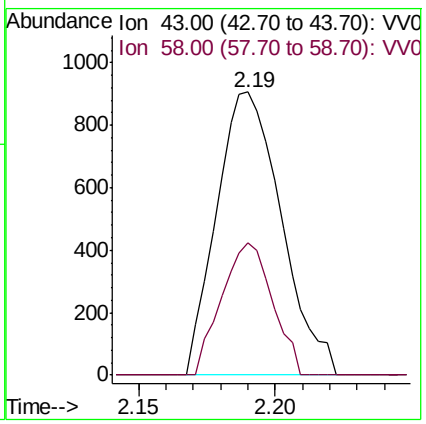


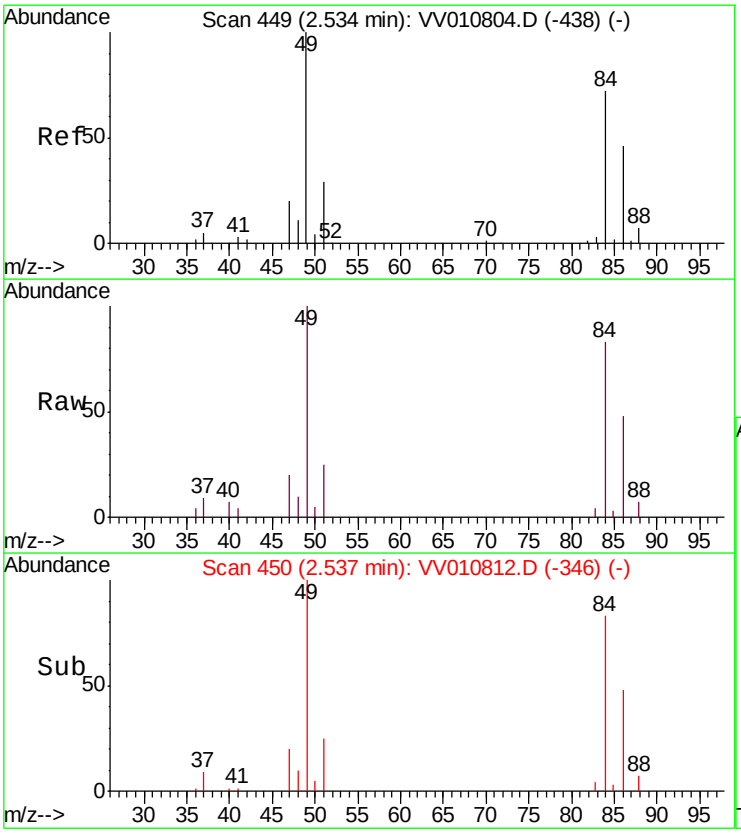
#13
Acetone
Concen: 2.915 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV010812.D
Acq: 10 May 2019 13:45

Instrument :
MSVOA_V
ClientSampleId :
BFH63RE

Tgt Ion: 43 Resp: 1495

Ion	Ratio	Lower	Upper
43	100		
58	36.8	0.0	63.4

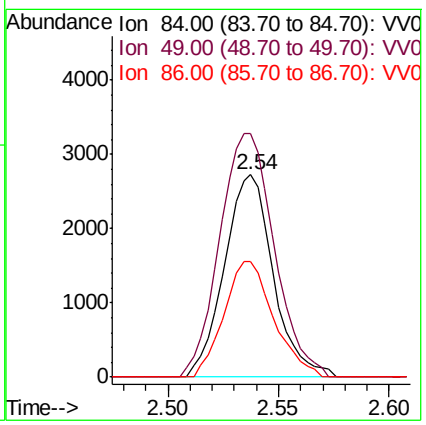


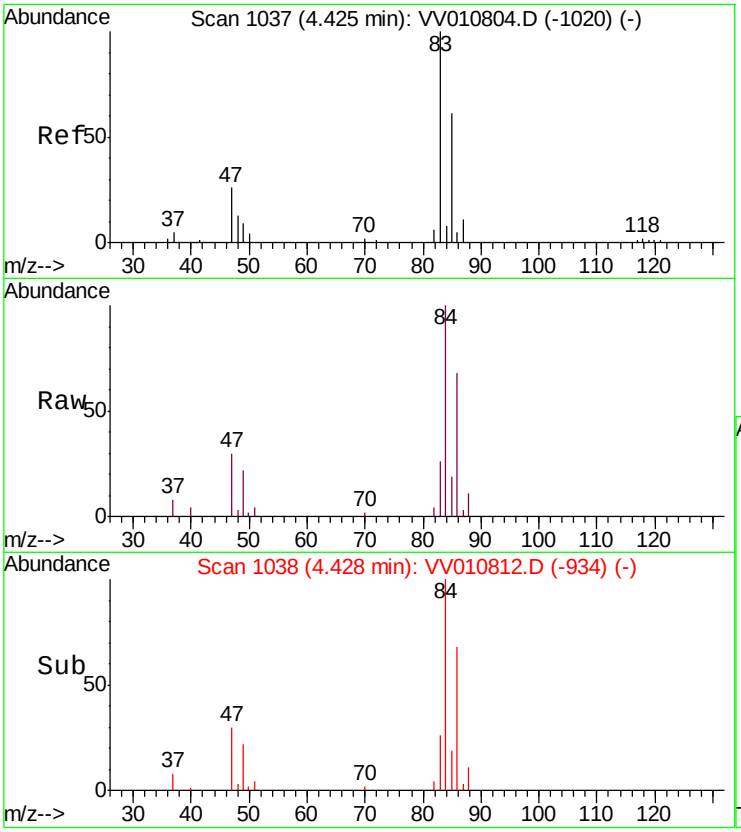


#16
Methylene chloride
Concen: 3.810 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV010812.D
Acq: 10 May 2019 13:45

Tgt Ion: 84 Resp: 4187

Ion	Ratio	Lower	Upper
84	100		
49	120.2	92.9	172.5
86	57.3	46.5	86.5



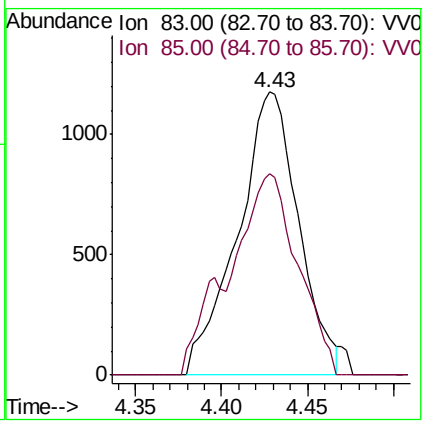


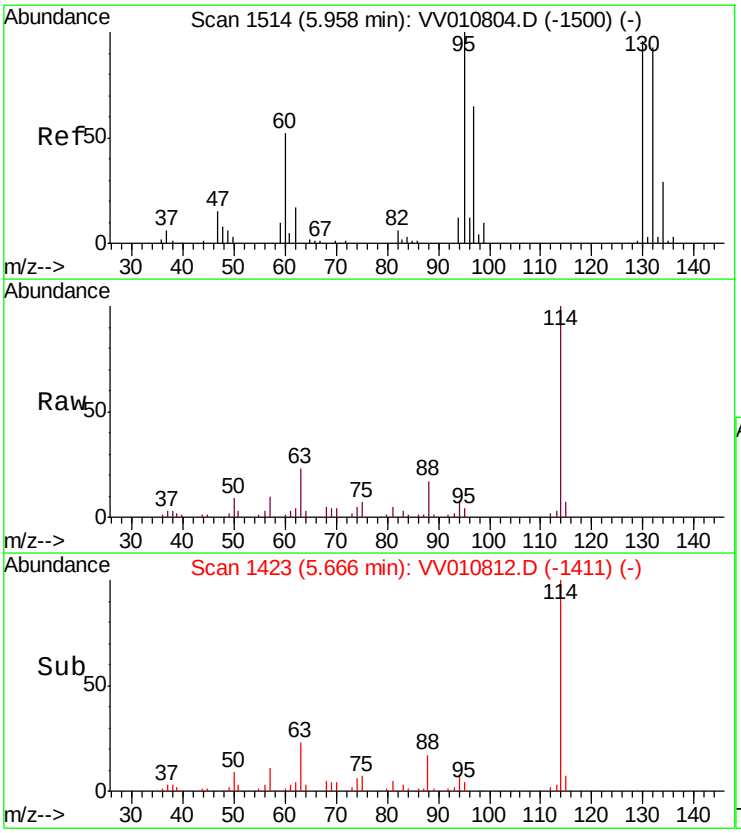
#25
Chloroform
Concen: 1.348 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010812.D
Acq: 10 May 2019 13:45

Instrument :
MSVOA_V
ClientSampleId :
BFH63RE

Tgt Ion: 83 Resp: 2899

Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.6	82.8

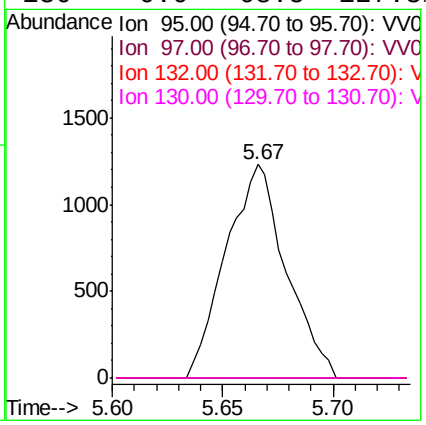


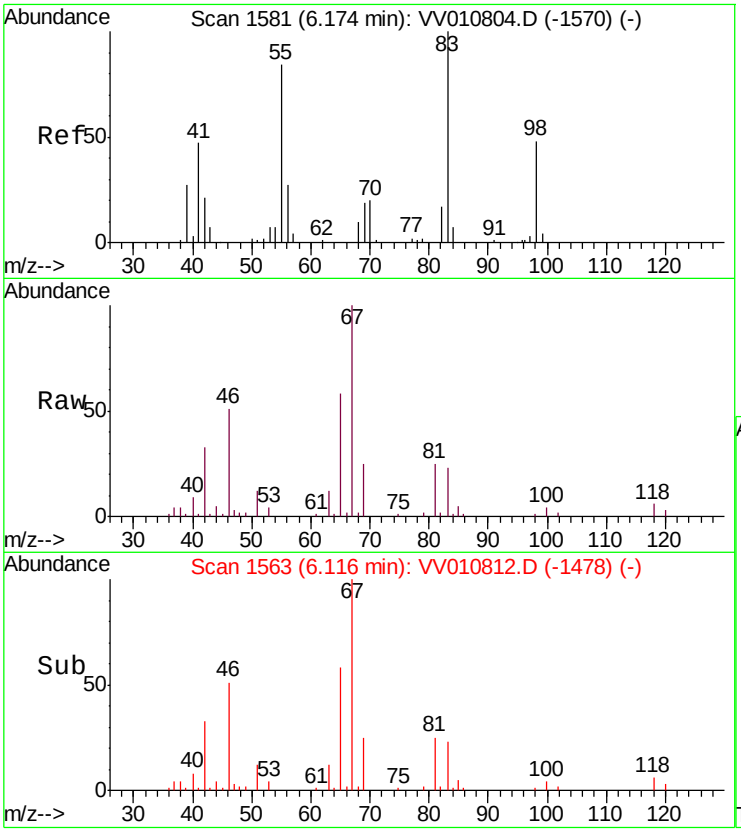


#35
Trichloroethene
Concen: 2.288 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV010812.D
Acq: 10 May 2019 13:45

Tgt Ion: 95 Resp: 2334

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#



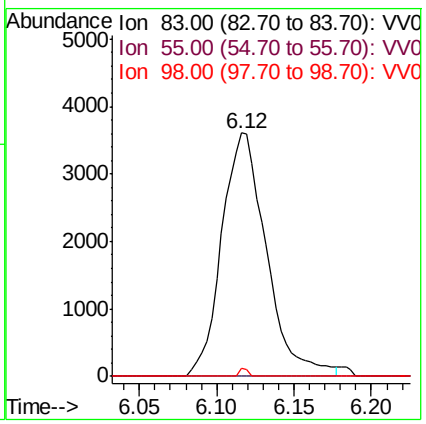


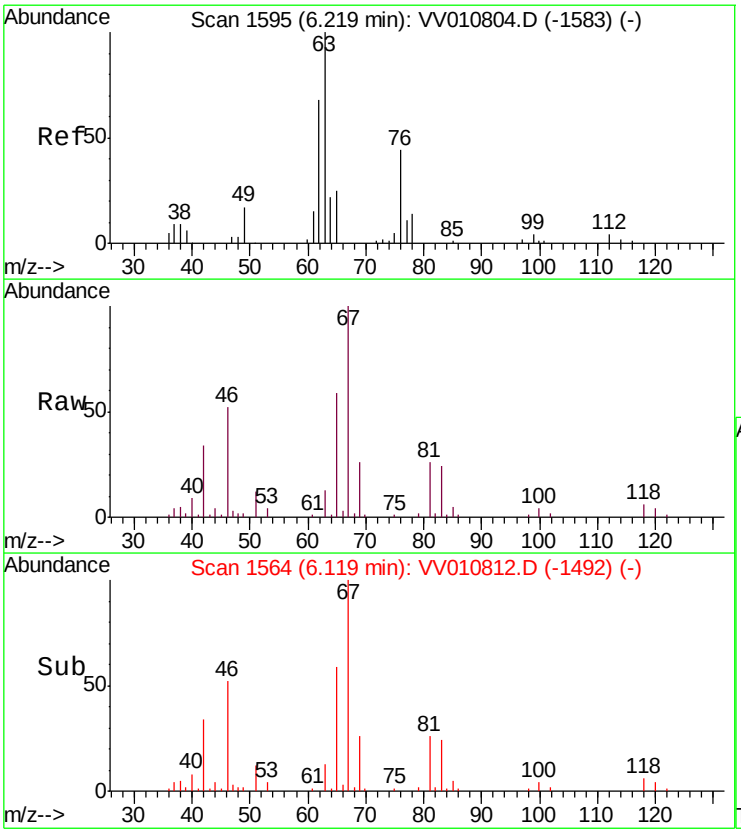
#36
Methylcyclohexane
Concen: 4.436 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010812.D
Acq: 10 May 2019 13:45

Instrument :
MSVOA_V
ClientSampleId :
BFH63RE

Tgt Ion: 83 Resp: 7252

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	96.8#
98	0.6	37.7	56.5#

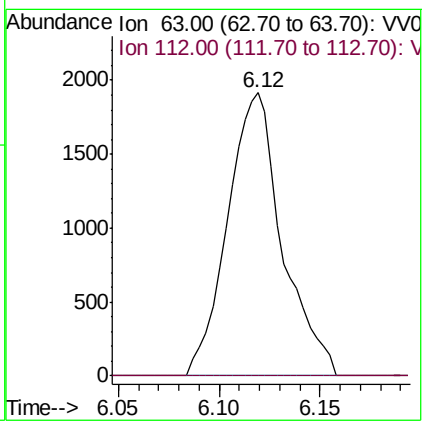


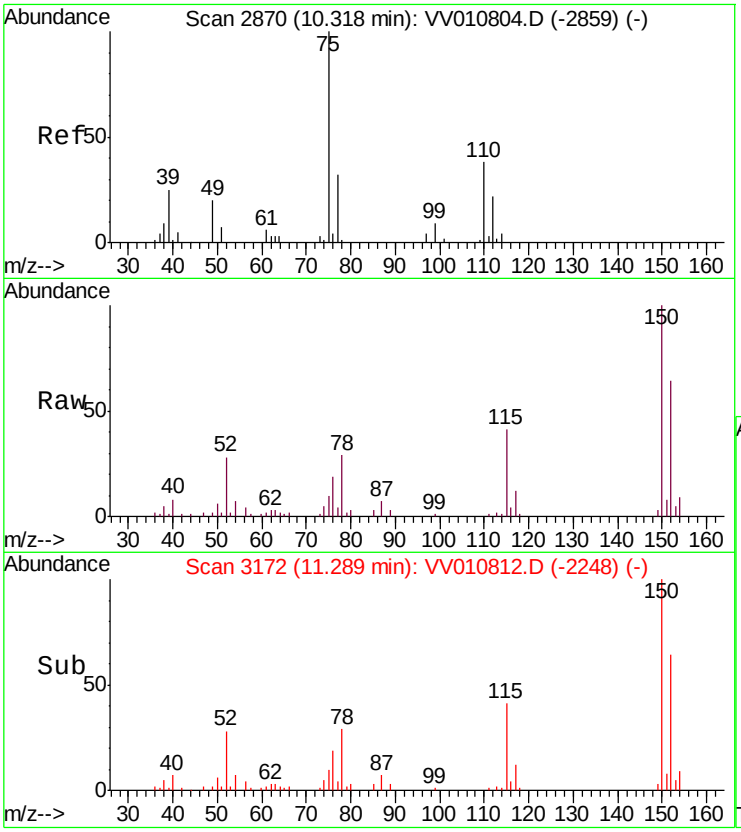


#40
1,2-Dichloropropane
Concen: 3.741 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010812.D
Acq: 10 May 2019 13:45

Tgt Ion: 63 Resp: 3624

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#





#59
1,2,3-Trichloropropane
Concen: 3.034 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.97 min
Lab File: VV010812.D
Acq: 10 May 2019 13:45

Instrument :
MSVOA_V
ClientSampleId :
BFH63RE

Tgt Ion: 75 Resp: 2469

Ion	Ratio	Lower	Upper
75	100		
77	44.8	25.0	37.6#