Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
Data File : VV009555.D
Acq On : 08 Mar 2019 22:29
Operator : SY/MD
Sample : K1794-07
Misc : 5.72G/10ML/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5N7

Quant Time: Mar 09 01:28:48 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	110920	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	93674	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28532	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23511	17.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.44%			
7) Chloroethane-d5	1.58	69	28178	14.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 58.36%			
10) 1,1-Dichloroethene-d2	2.13	63	54600	15.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 62.84%			
20) 2-Butanone-d5	3.94	46	11737	25.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.60%			
24) Chloroform-d	4.40	84	59815	22.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.56%			
26) 1,2-Dichloroethane-d4	5.08	65	37523	24.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.84%			
29) Benzene-d6	5.10	84	118208	25.48	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.92%			
33) 1,2-Dichloropropane-d6	6.12	67	37978	27.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 110.96%			
37) Toluene-d8	7.36	98	106389	23.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.08%			
38) trans-1,3-Dichloropropene-	7.67	79	10360	15.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 62.44%			
39) 2-Hexanone-d5	8.13	63	9509	29.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 59.52%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	28975	19.86	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 79.44%			
61) 1,2-Dichlorobenzene-d4	11.68	152	25902	24.87	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.48%			
Target Compounds						Qvalue
13) Acetone	2.20	43	3234	6.991	ug/L	83
16) Methylene chloride	2.53	84	1626	1.117	ug/L	81
21) 2-Butanone	4.02	43	1166	1.997	ug/L #	55
35) Trichloroethene	5.66	95	3553	2.554	ug/L #	6
36) Methylcyclohexane	6.12	83	9506	4.195	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	4599	3.685	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	866	0.447	ug/L #	76
59) 1,2,3-Trichloropropane	11.30	75	4335	4.107	ug/L	89

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

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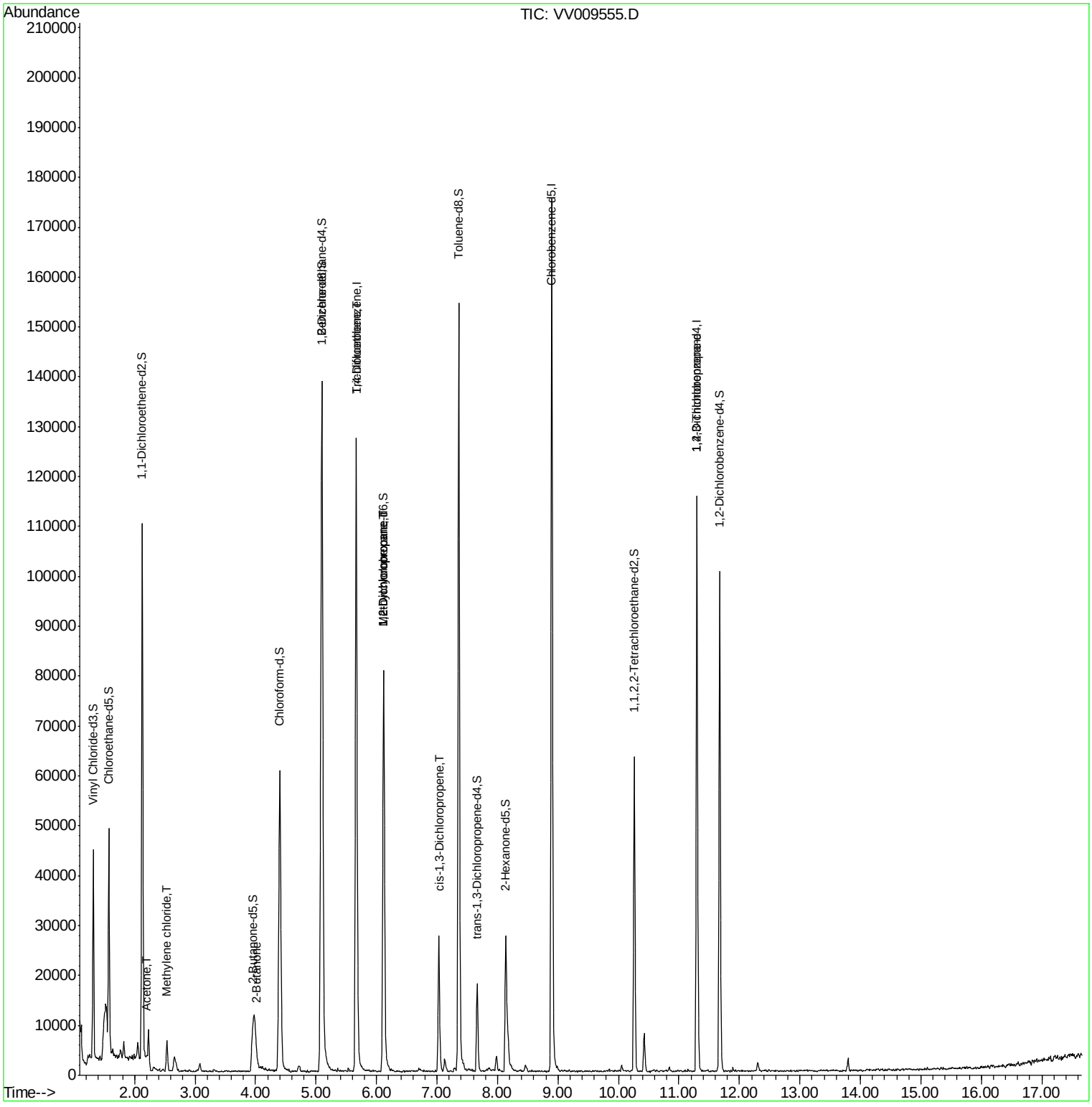
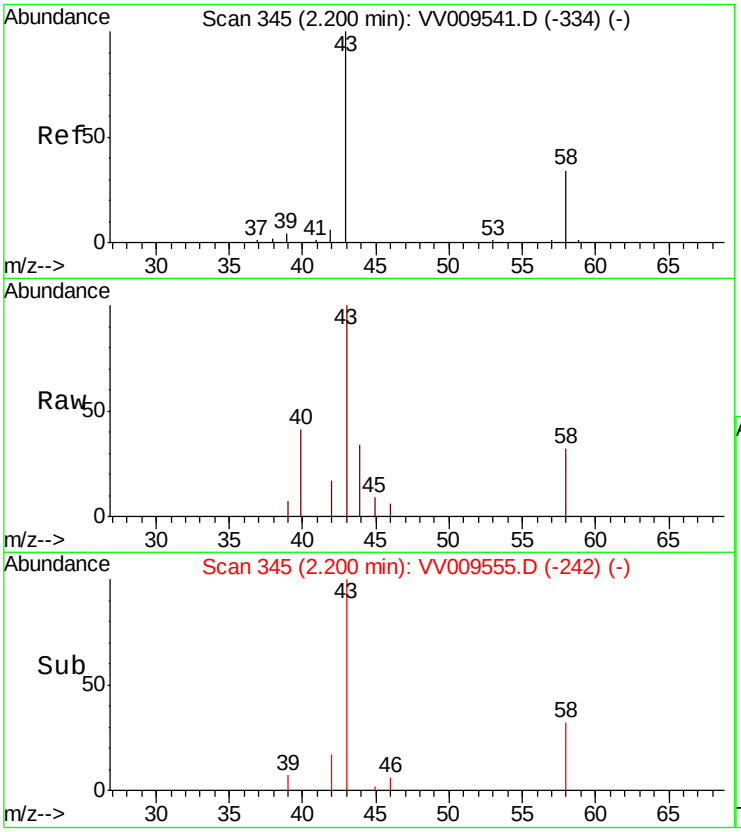


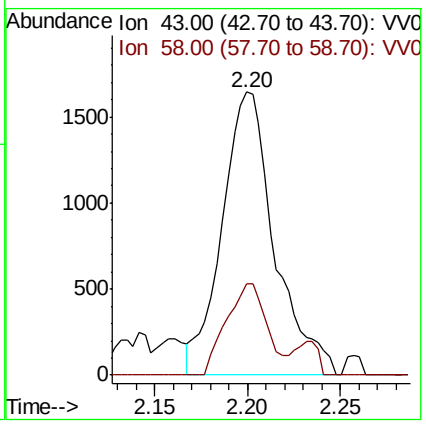


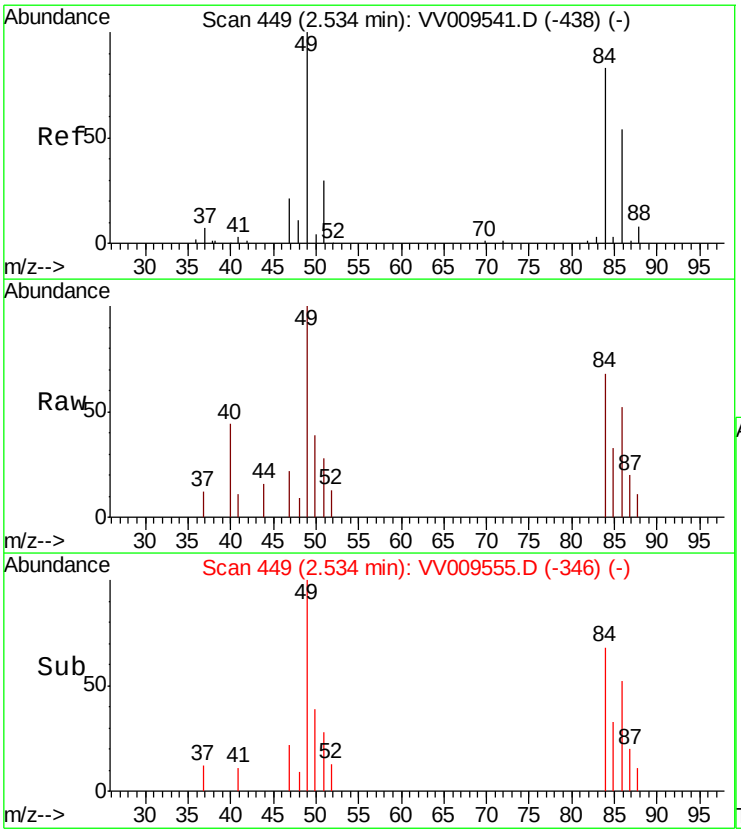
#13
Acetone
Concen: 6.991 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.00 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Instrument :
MSVOA_V
ClientSampleId :
BF5N7

Tgt Ion: 43 Resp: 3234

Ion	Ratio	Lower	Upper
43	100		
58	24.7	0.0	68.8

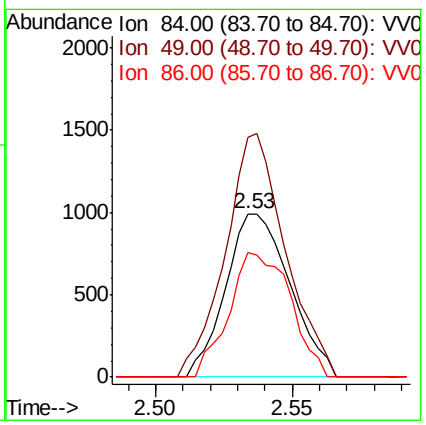


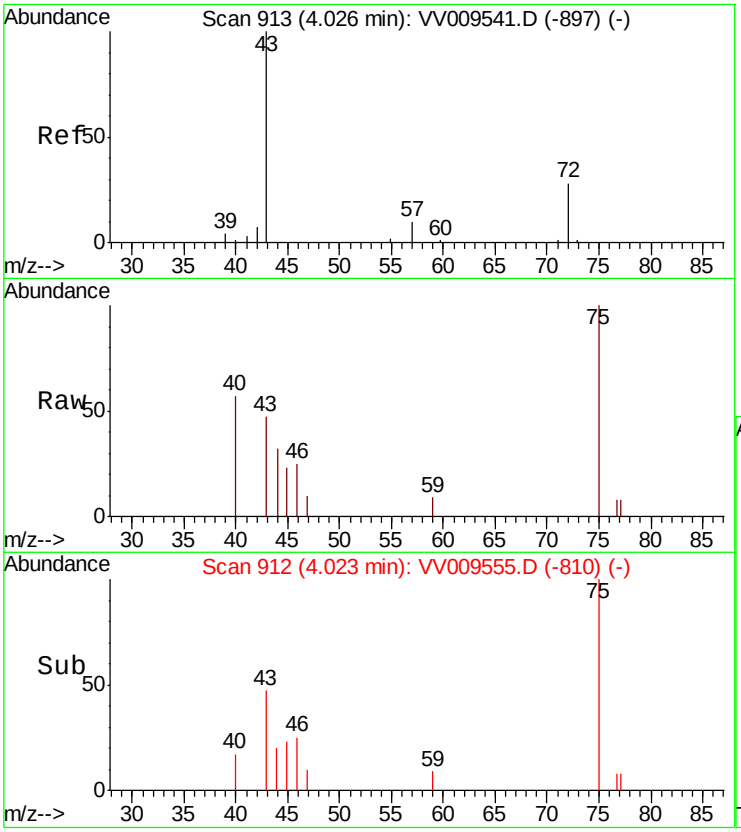


#16
Methylene chloride
Concen: 1.117 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Tgt Ion: 84 Resp: 1626

Ion	Ratio	Lower	Upper
84	100		
49	146.4	84.6	157.0
86	76.1	46.1	85.7



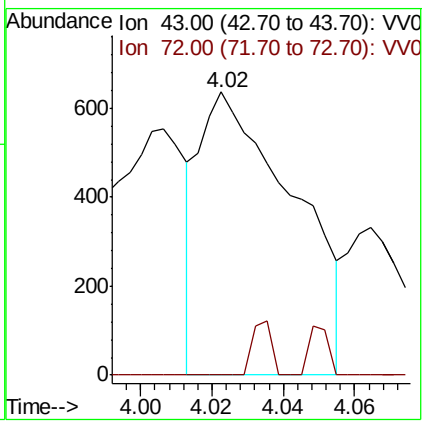


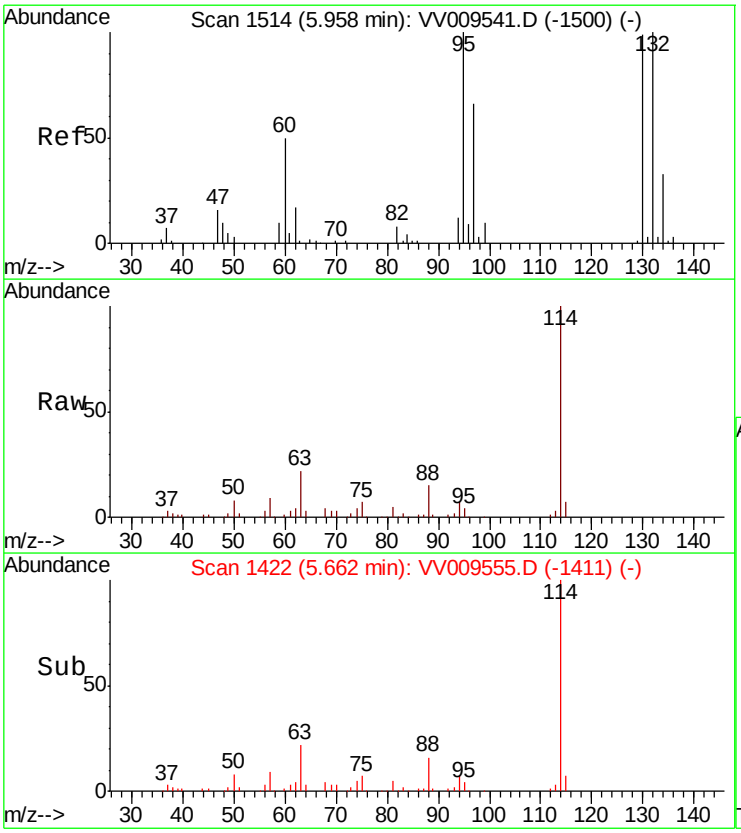
#21
2-Butanone
Concen: 1.997 ug/L
RT: 4.02 min Scan# 912
Delta R.T. -0.00 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Instrument : MSVOA_V
ClientSampleId : BF5N7

Tgt Ion: 43 Resp: 1166

Ion	Ratio	Lower	Upper
43	100		
72	3.9	13.7	41.0#

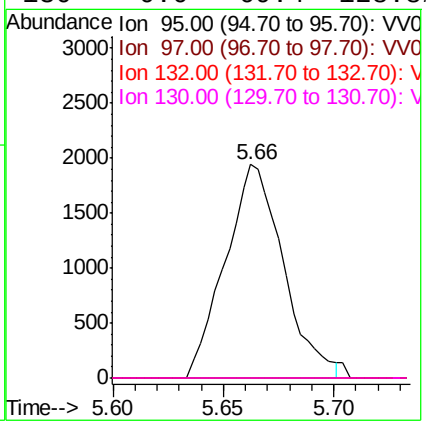


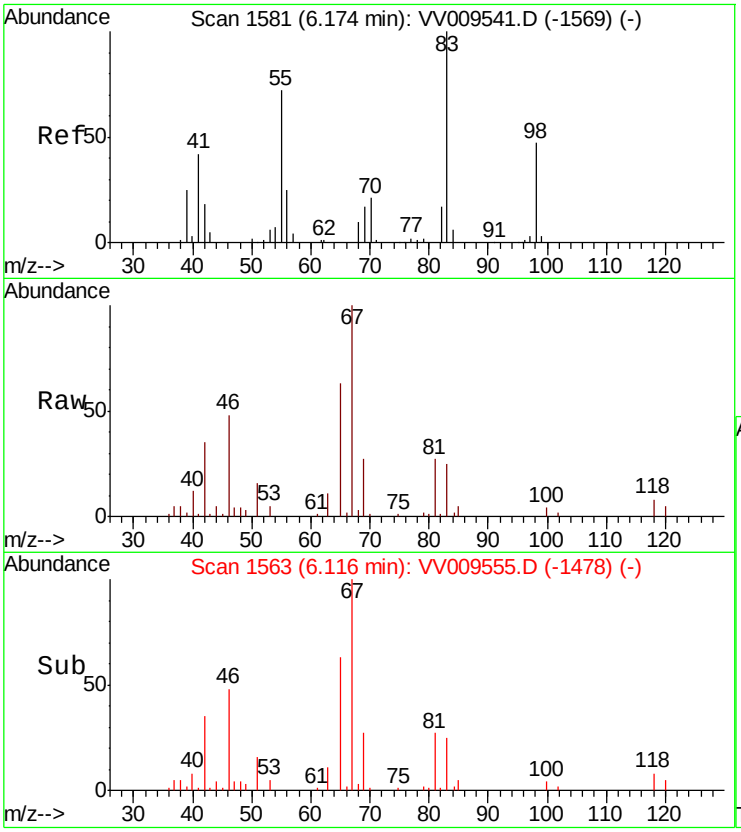


#35
Trichloroethene
Concen: 2.554 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Tgt Ion: 95 Resp: 3553

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#



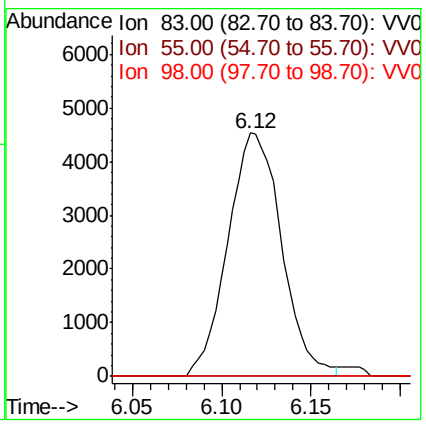


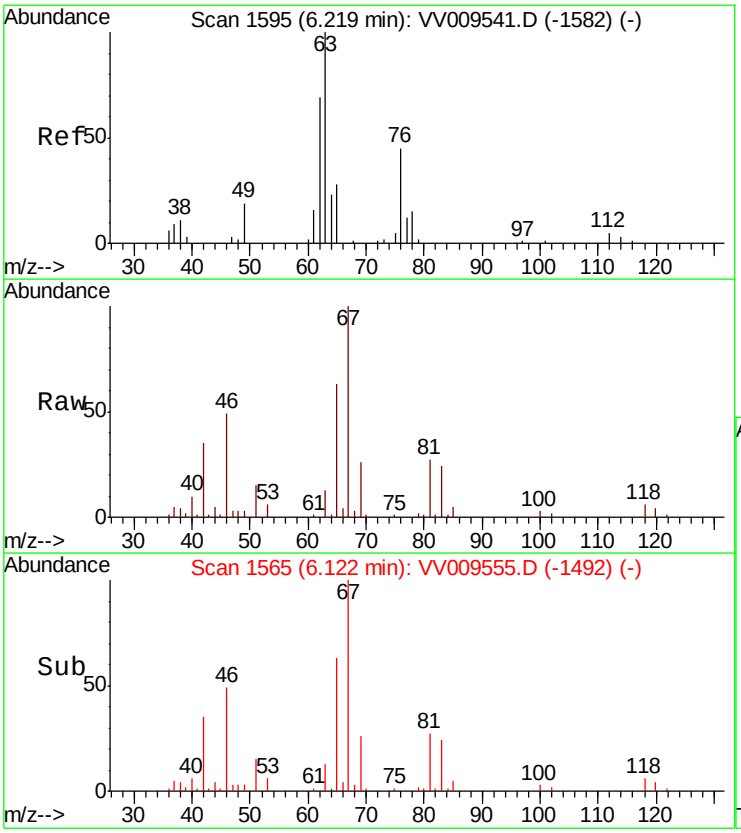
#36
Methylcyclohexane
Concen: 4.195 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Instrument : MSVOA_V
ClientSampleId : BF5N7

Tgt Ion: 83 Resp: 9506

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.8	88.2#
98	0.4	37.7	56.5#

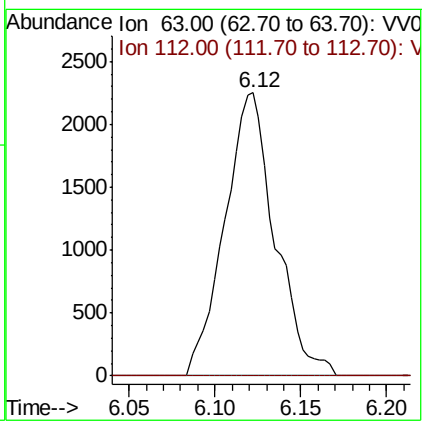


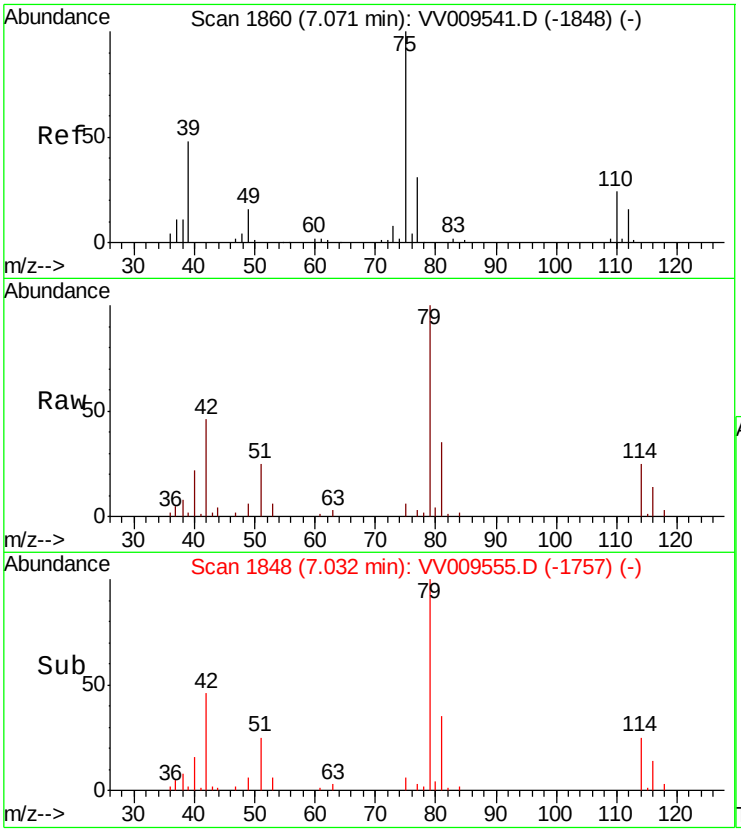


#40
1,2-Dichloropropane
Concen: 3.685 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Tgt Ion: 63 Resp: 4599

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



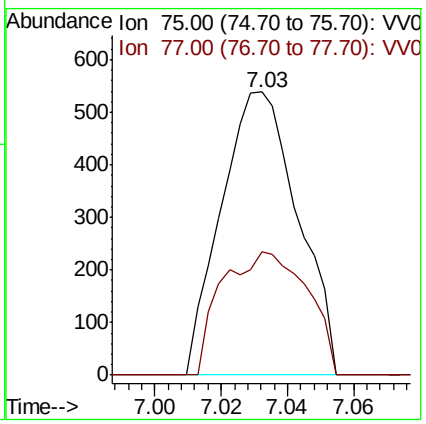


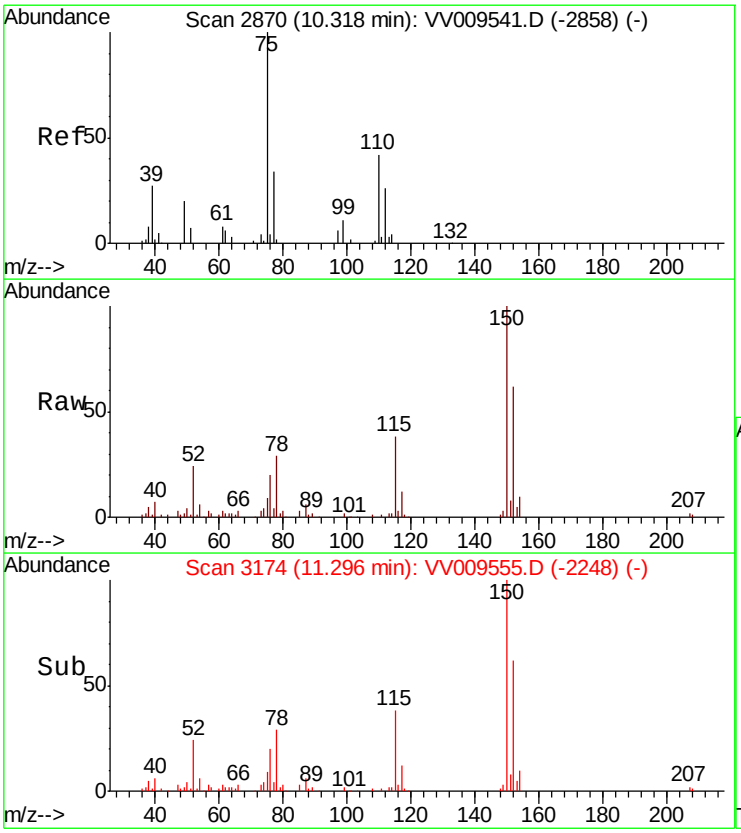
#42
cis-1,3-Dichloropropene
Concen: 0.447 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Instrument :
MSVOA_V
ClientSampleId :
BF5N7

Tgt Ion: 75 Resp: 866

Ion	Ratio	Lower	Upper
75	100		
77	43.5	21.4	39.8#





#59
1,2,3-Trichloropropane
Concen: 4.107 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009555.D
Acq: 08 Mar 2019 22:29

Tgt Ion: 75 Resp: 4335

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.9	38.9