Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

Quantitation Report (Not Reviewed)

Data File : VV009567.D
Acq On : 10 Mar 2019 15:21
Operator : SY/MD
Sample : K1838-04
Misc : 5.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF1J2

Quant Time: Mar 11 04:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	132951	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128819	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56296	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27818	17.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 69.52%			
7) Chloroethane-d5	1.57	69	31416	13.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 54.28%			
10) 1,1-Dichloroethene-d2	2.12	63	65606	15.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.00%			
20) 2-Butanone-d5	3.93	46	25566	46.88	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.76%			
24) Chloroform-d	4.40	84	67193	21.21	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.84%			
26) 1,2-Dichloroethane-d4	5.08	65	45130	25.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.20%			
29) Benzene-d6	5.10	84	150076	23.52	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.08%			
33) 1,2-Dichloropropane-d6	6.12	67	45868	24.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 97.44%			
37) Toluene-d8	7.36	98	139312	22.40	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.60%			
38) trans-1,3-Dichloropropene-	7.66	79	19109	20.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.76%			
39) 2-Hexanone-d5	8.13	63	20156	45.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.74%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47411	23.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.52%			
61) 1,2-Dichlorobenzene-d4	11.68	152	50748	24.69	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.76%			
Target Compounds						Qvalue
13) Acetone	2.19	43	2491	4.492	ug/L	92
16) Methylene chloride	2.54	84	1338	0.767	ug/L	93
25) Chloroform	4.42	83	4341	1.390	ug/L #	3
35) Trichloroethene	5.66	95	4059	2.122	ug/L #	6
40) 1,2-Dichloropropane	6.12	63	5847	3.407	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1500	0.563	ug/L #	59
45) trans-1,3-Dichloropropene	7.66	75	1210	0.520	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	8600	5.925	ug/L	97

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

Quantitation Report (Not Reviewed)

Data File : VV009567.D
Acq On : 10 Mar 2019 15:21
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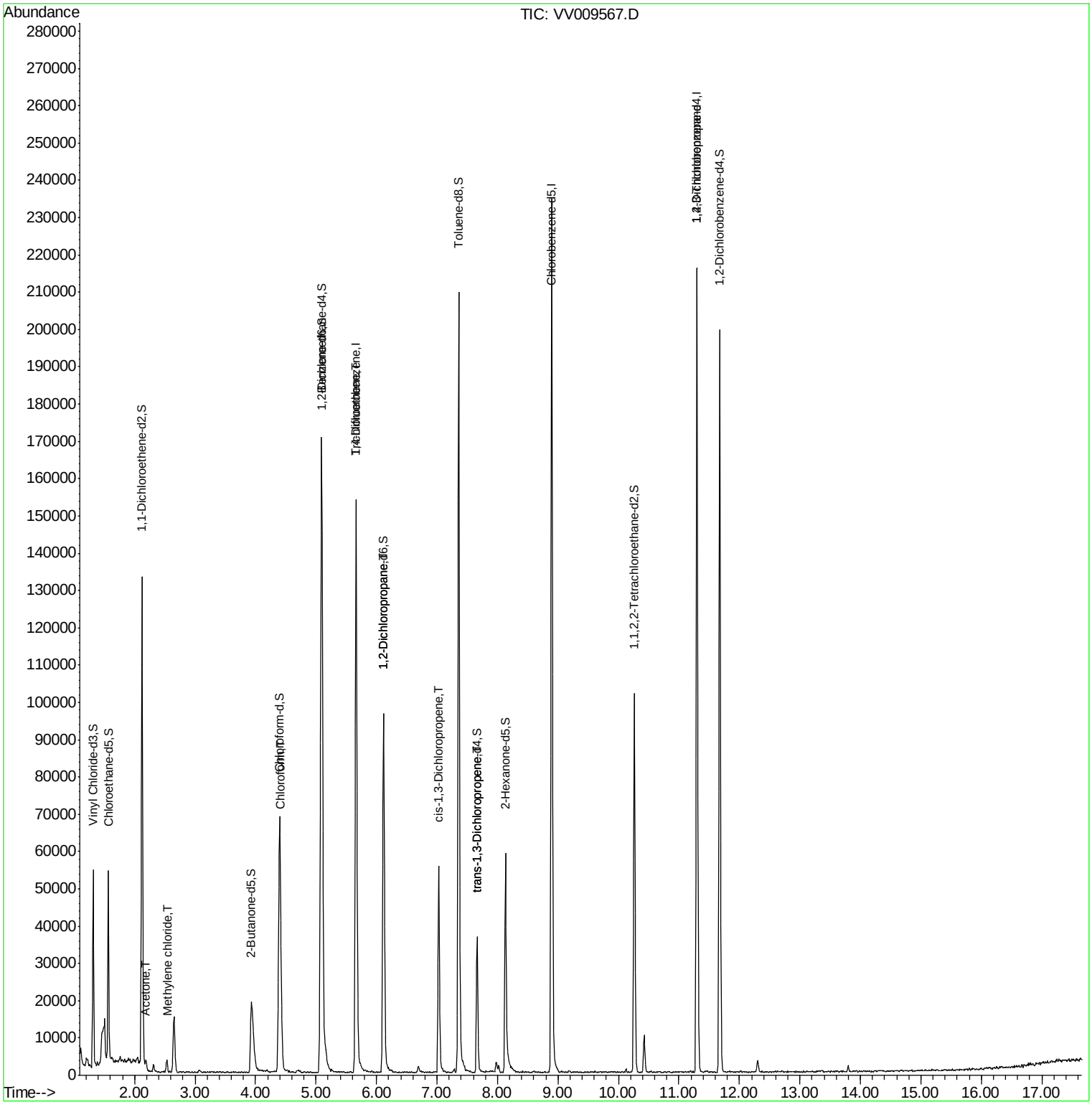
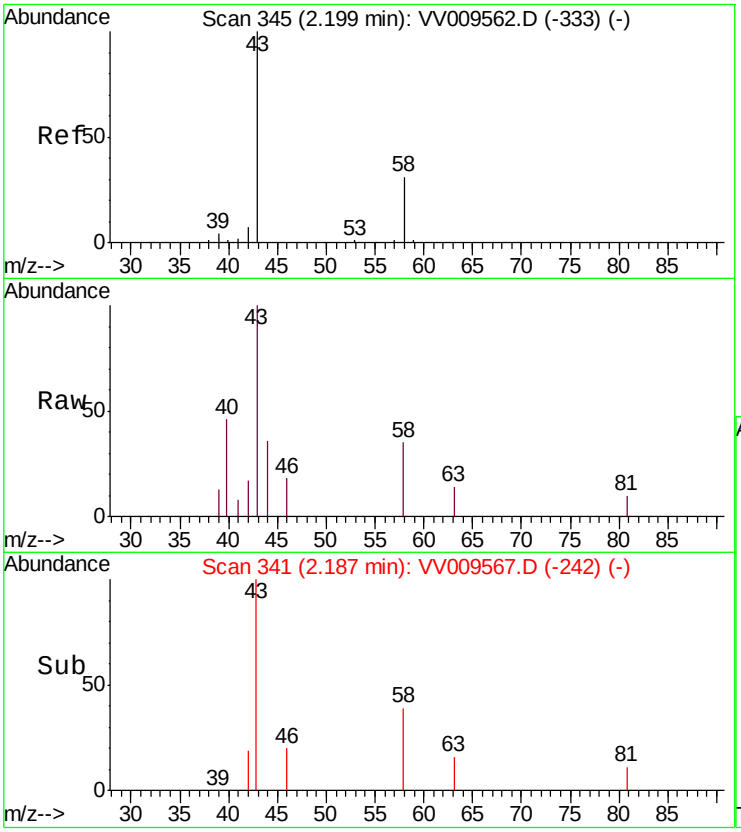
Sample : K1838-04
Misc : 5.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF1J2

Quant Time: Mar 11 04:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration



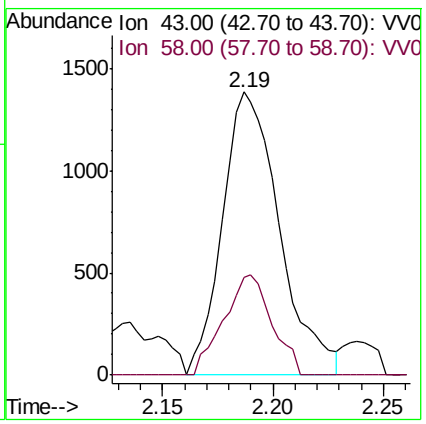


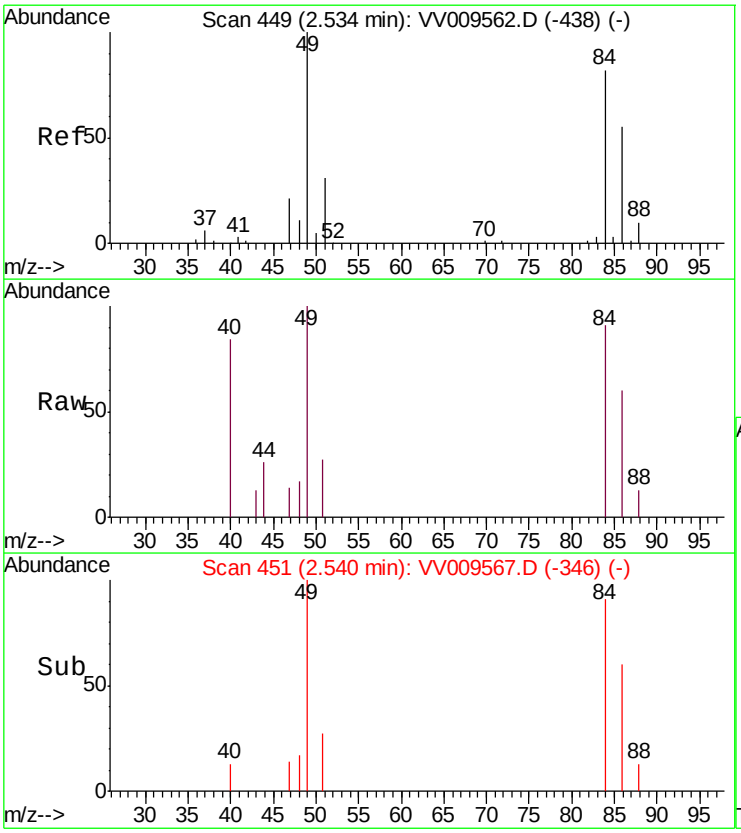
#13
Acetone
Concen: 4.492 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.01 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Instrument :
MSVOA_V
ClientSampleId :
BF1J2

Tgt Ion: 43 Resp: 2491

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	68.8

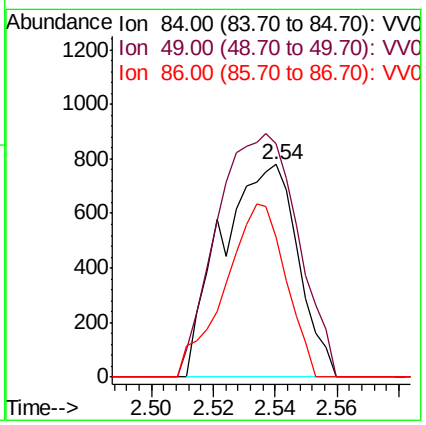


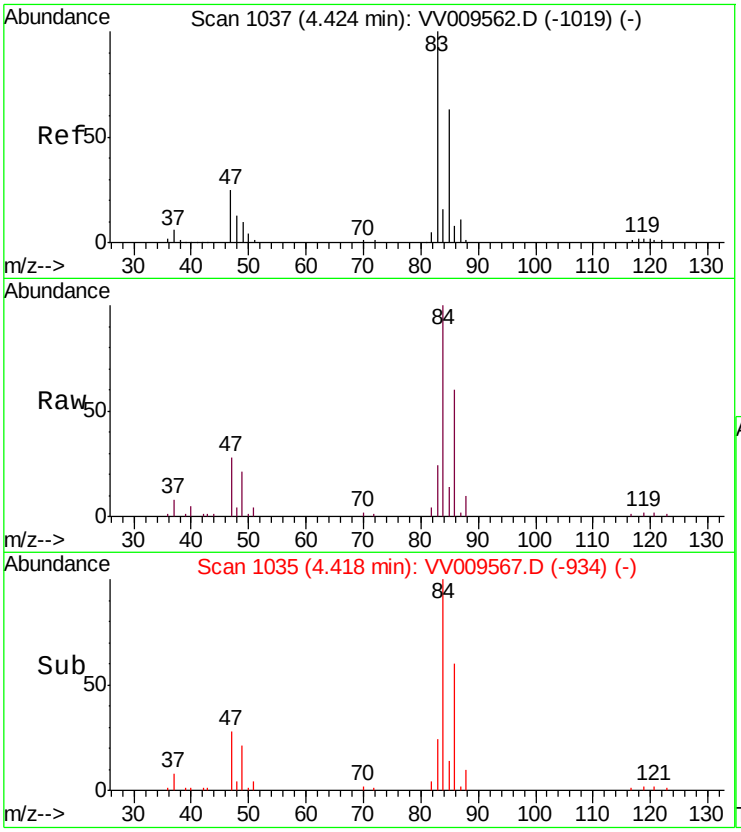


#16
Methylene chloride
Concen: 0.767 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Tgt Ion: 84 Resp: 1338

Ion	Ratio	Lower	Upper
84	100		
49	109.7	84.6	157.0
86	65.5	46.1	85.7



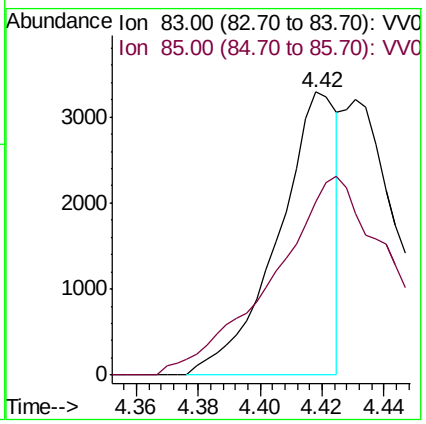


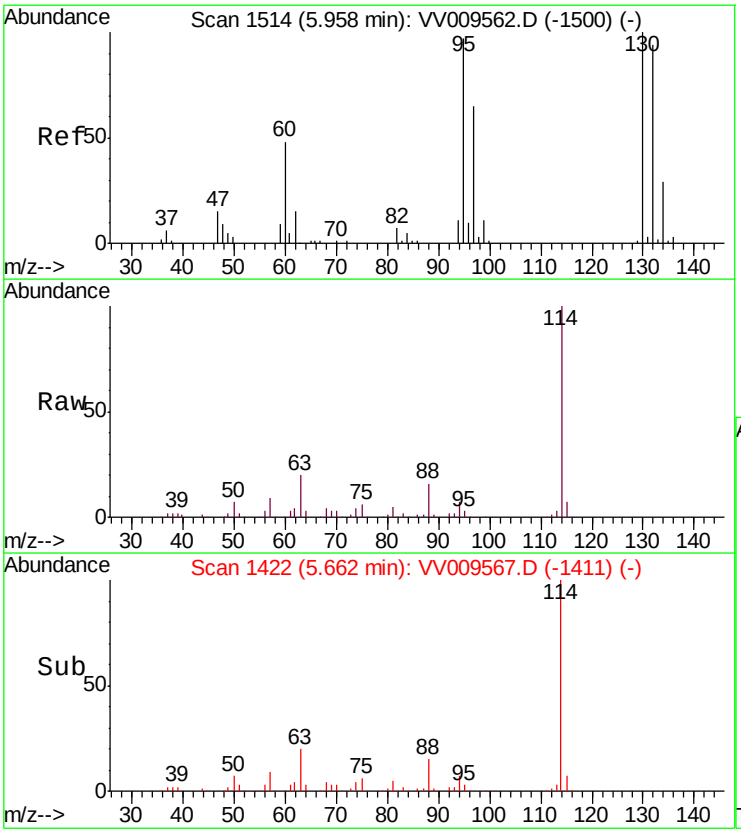
#25
Chloroform
Concen: 1.390 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Instrument : MSVOA_V
ClientSampleId : BF1J2

Tgt Ion: 83 Resp: 4341

Ion	Ratio	Lower	Upper
83	100		
85	141.1	45.4	84.2#

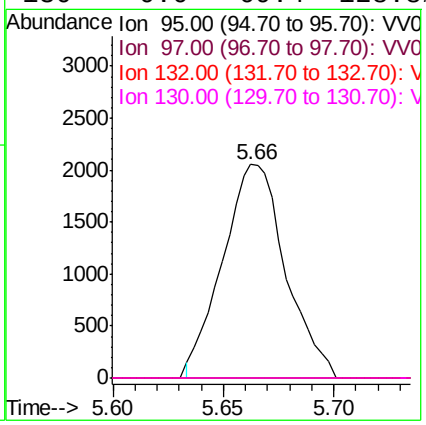


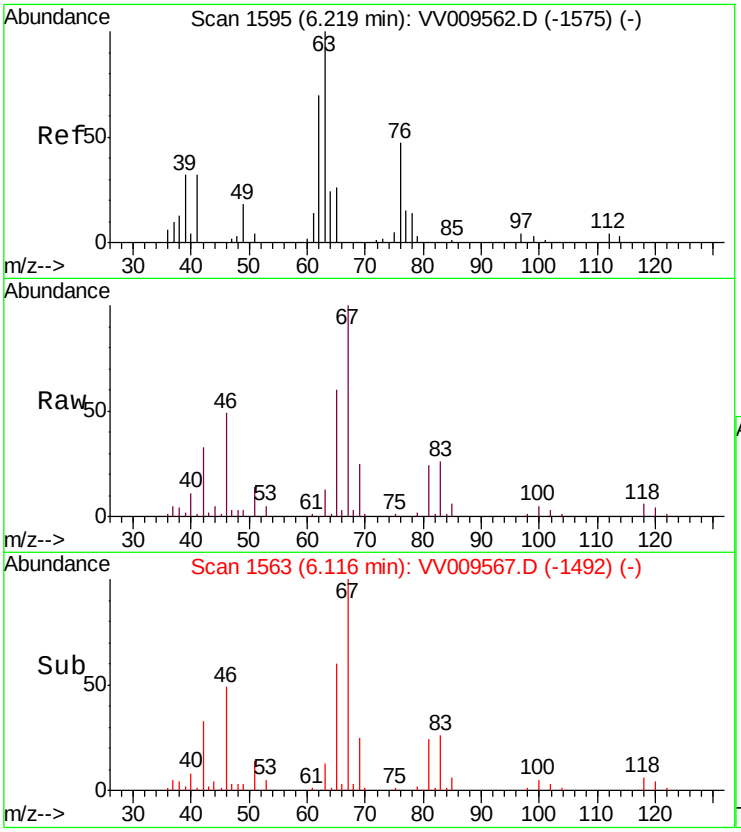


#35
Trichloroethene
Concen: 2.122 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Tgt Ion: 95 Resp: 4059

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#



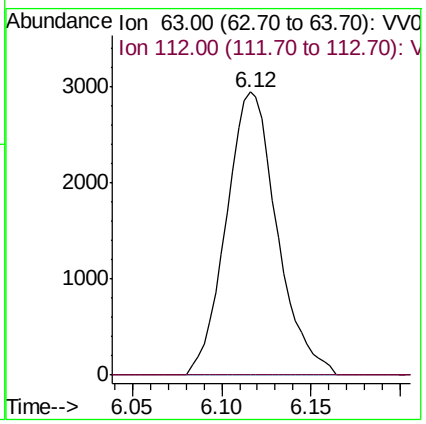


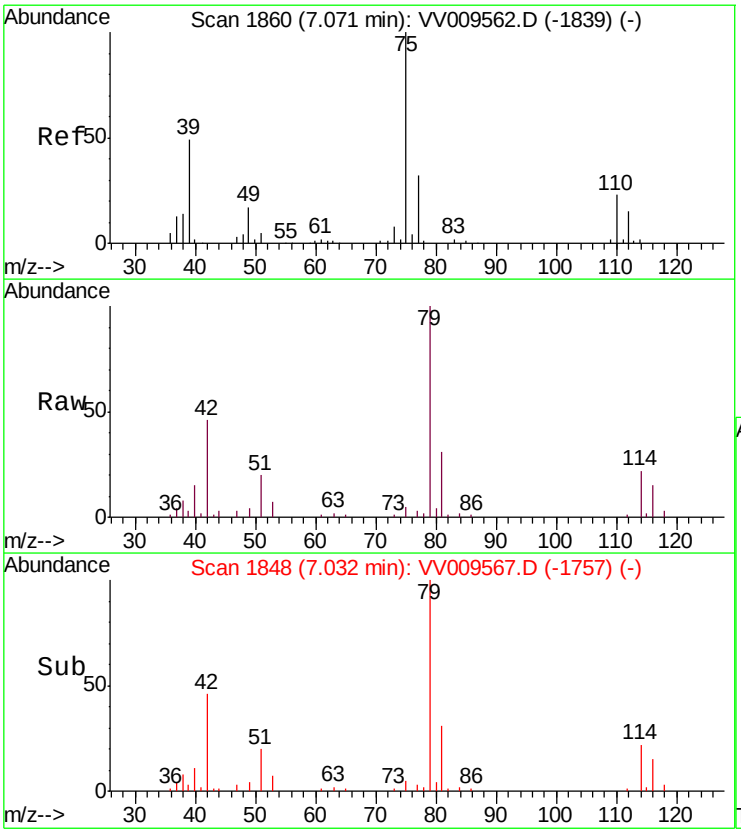
#40
1,2-Dichloropropane
Concen: 3.407 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Instrument :
MSVOA_V
ClientSampleId :
BF1J2

Tgt Ion: 63 Resp: 5847

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

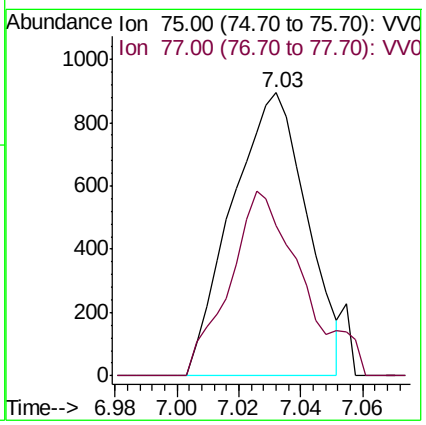


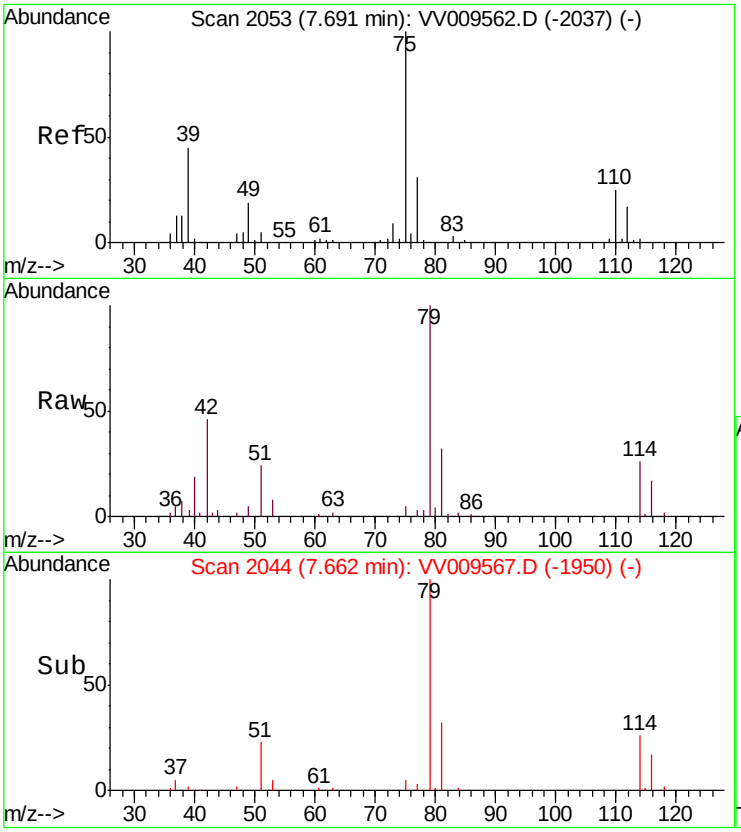


#42
cis-1,3-Dichloropropene
Concen: 0.563 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Tgt Ion: 75 Resp: 1500

Ion	Ratio	Lower	Upper
75	100		
77	52.9	21.4	39.8#



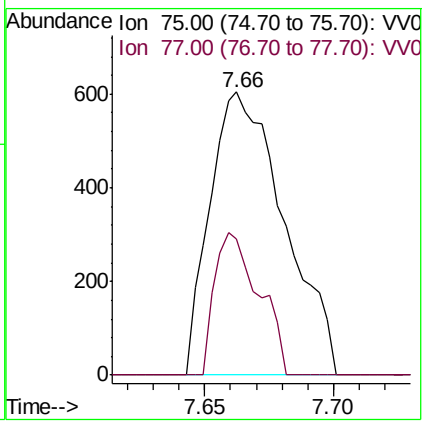


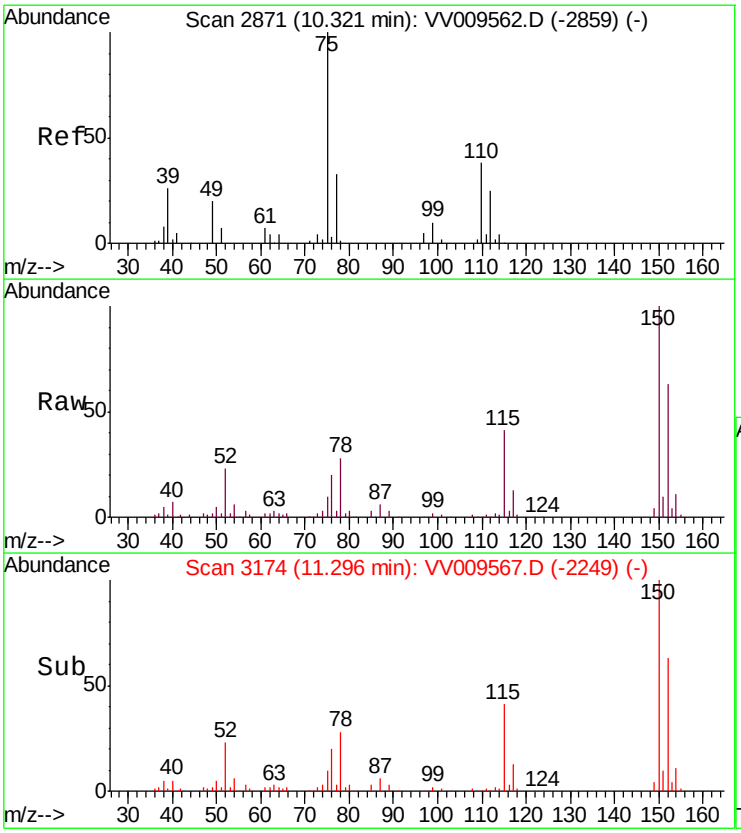
#45
trans-1,3-Dichloropropene
Concen: 0.520 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Instrument :
MSVOA_V
ClientSampleId :
BF1J2

Tgt Ion: 75 Resp: 1210

Ion	Ratio	Lower	Upper
75	100		
77	48.0	22.5	41.7#





#59
1,2,3-Trichloropropane
Concen: 5.925 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009567.D
Acq: 10 Mar 2019 15:21

Tgt Ion: 75 Resp: 8600

Ion	Ratio	Lower	Upper
75	100		
77	34.2	25.9	38.9