Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022519\

Quantitation Report (Not Reviewed)

Data File : VV009356.D
Acq On : 25 Feb 2019 18:47
Operator : SY/MD
Sample : K1601-01
Misc : 5.65G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF7X7

Quant Time: Feb 26 02:50:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	96275	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94345	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41486	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31025	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.88%			
7) Chloroethane-d5	1.57	69	32314	21.33	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.32%			
10) 1,1-Dichloroethene-d2	2.13	63	63933	20.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 81.20%			
20) 2-Butanone-d5	3.93	46	17698	39.48	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.96%			
24) Chloroform-d	4.40	84	49147	21.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.92%			
26) 1,2-Dichloroethane-d4	5.08	65	29421	24.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.08%			
29) Benzene-d6	5.10	84	115189	24.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.40%			
33) 1,2-Dichloropropane-d6	6.12	67	35961	25.82	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.28%			
37) Toluene-d8	7.36	98	109811	24.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.52%			
38) trans-1,3-Dichloropropene-	7.66	79	15462	21.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.48%			
39) 2-Hexanone-d5	8.13	63	15314	39.54	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.08%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	34665	22.77	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.08%			
61) 1,2-Dichlorobenzene-d4	11.68	152	39024	25.61	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.44%			
Target Compounds						Qvalue
13) Acetone	2.18	43	1138	2.597	ug/L	98
16) Methylene chloride	2.53	84	1391	0.955	ug/L	96
25) Chloroform	4.43	83	2143	0.953	ug/L	94
27) 1,2-Dichloroethane	5.10	62	449	0.295	ug/L #	72
35) Trichloroethene	5.67	95	2881	2.008	ug/L #	4
40) 1,2-Dichloropropane	6.12	63	4024	3.214	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1224	0.576	ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	6110	5.419	ug/L	100

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

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Quantitation Report (Not Reviewed)

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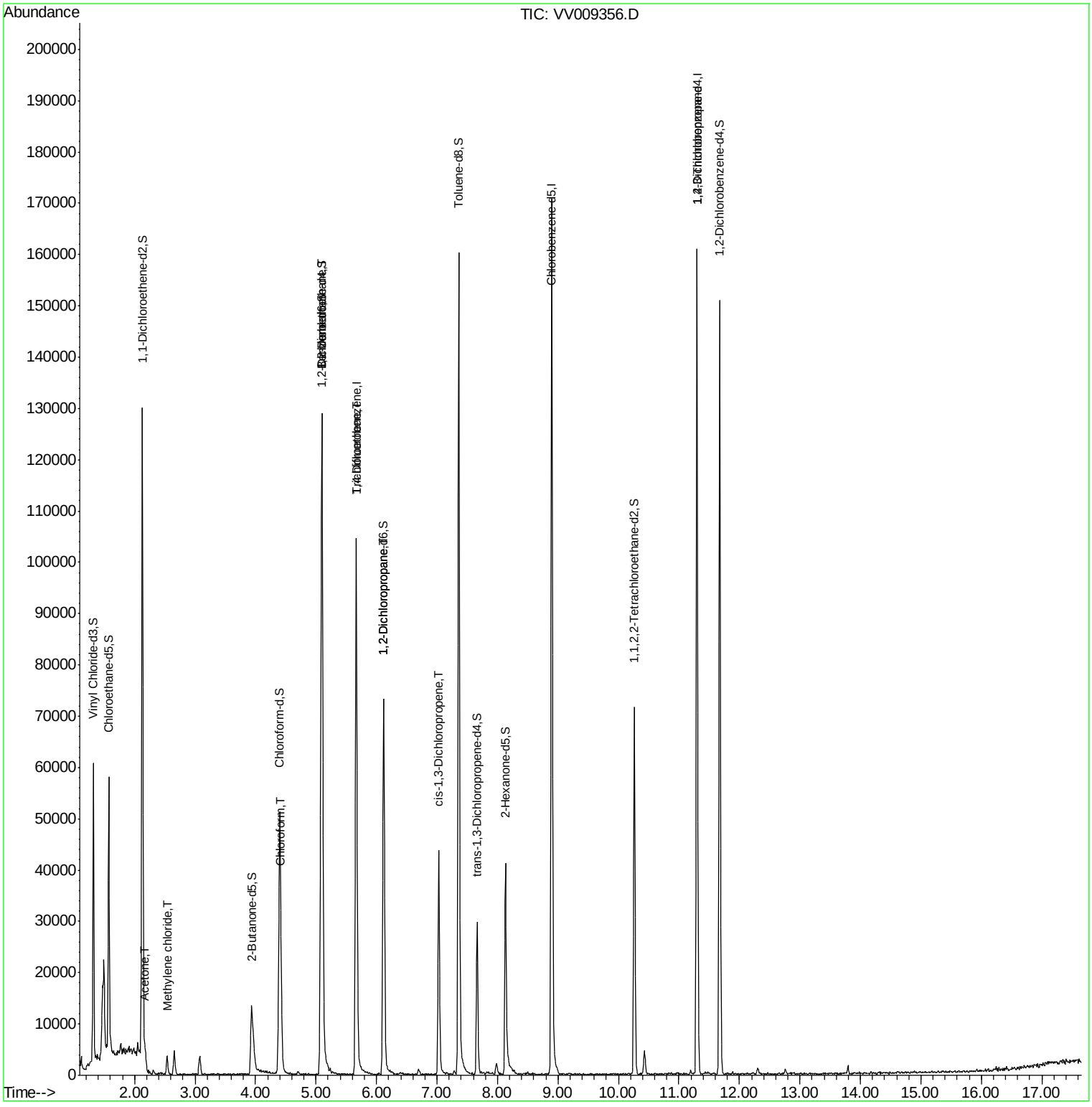
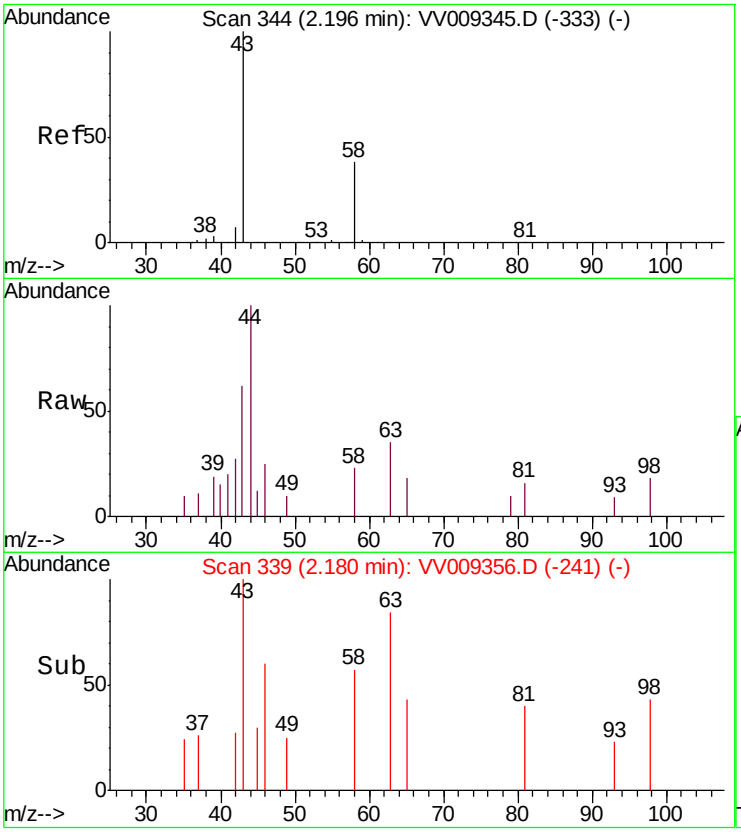
Sample : K1601-01
Misc : 5.65G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7X7

Quant Time: Feb 26 02:50:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 26 02:46:42 2019
Response via : Initial Calibration



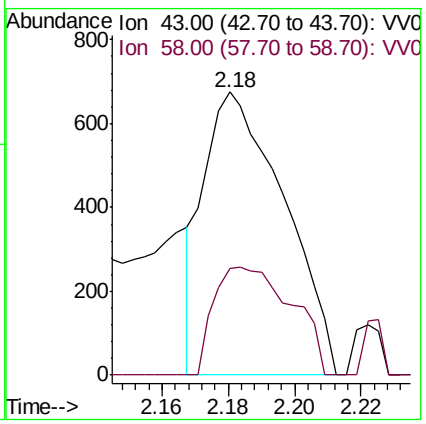


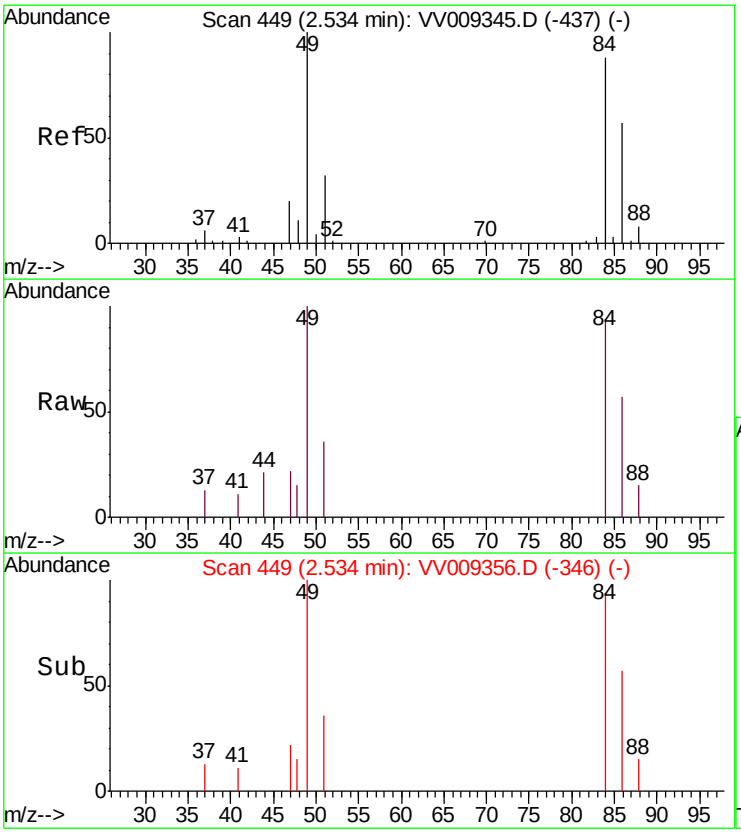
#13
Acetone
Concen: 2.597 ug/L
RT: 2.18 min Scan# 339
Delta R.T. -0.02 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Instrument : MSVOA_V
ClientSampleId : BF7X7

Tgt Ion: 43 Resp: 1138

Ion	Ratio	Lower	Upper
43	100		
58	37.2	0.0	72.0

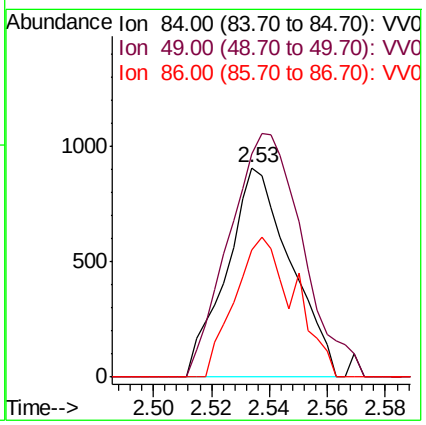


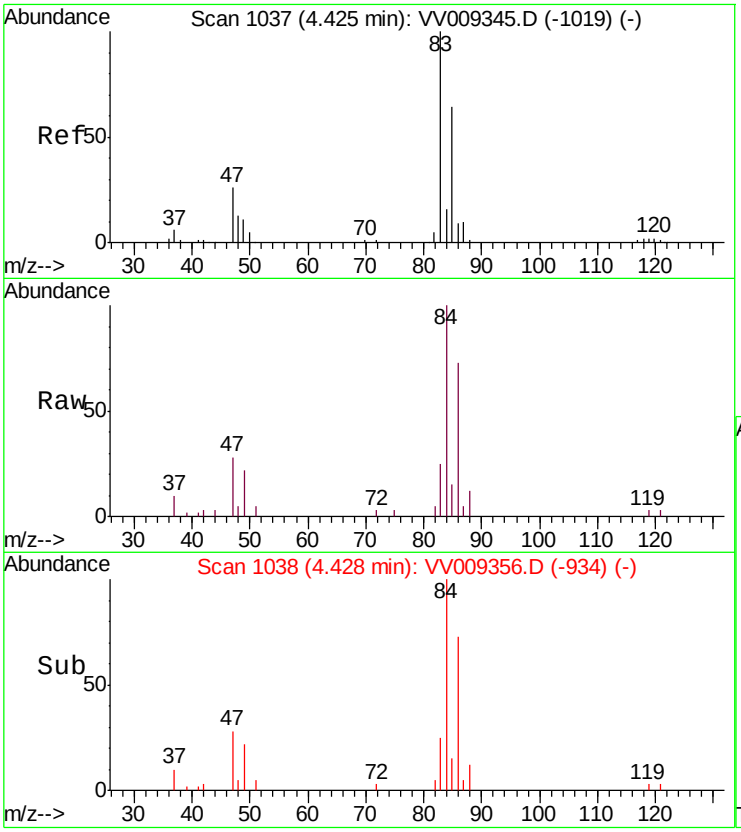


#16
Methylene chloride
Concen: 0.955 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Tgt Ion: 84 Resp: 1391

Ion	Ratio	Lower	Upper
84	100		
49	106.8	78.7	146.1
86	60.8	44.0	81.6



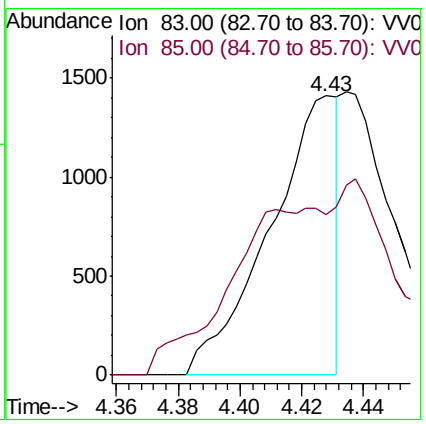


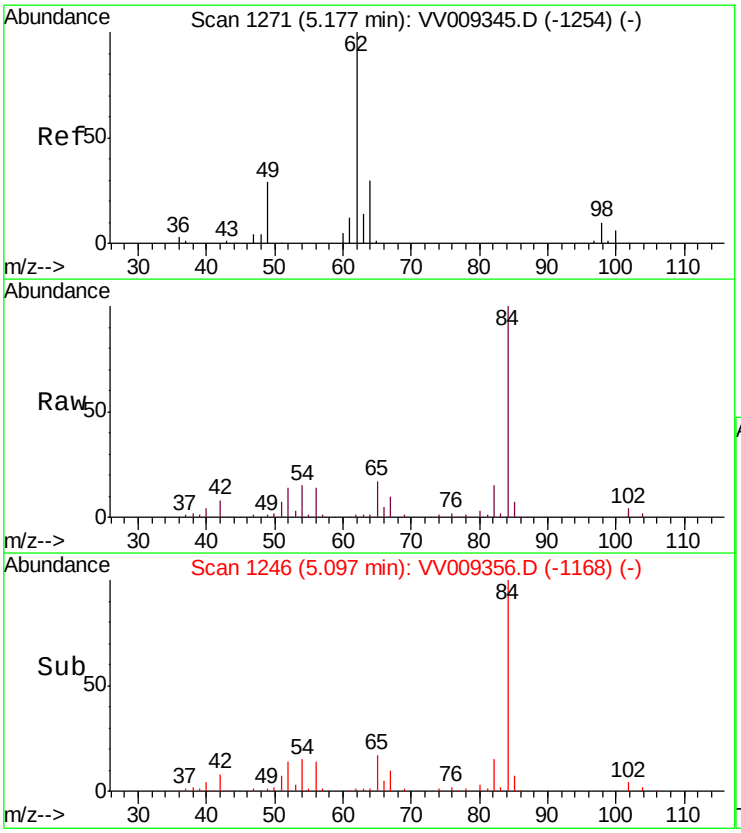
#25
Chloroform
Concen: 0.953 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
BF7X7

Tgt Ion: 83 Resp: 2143

Ion	Ratio	Lower	Upper
83	100		
85	63.1	47.5	88.3

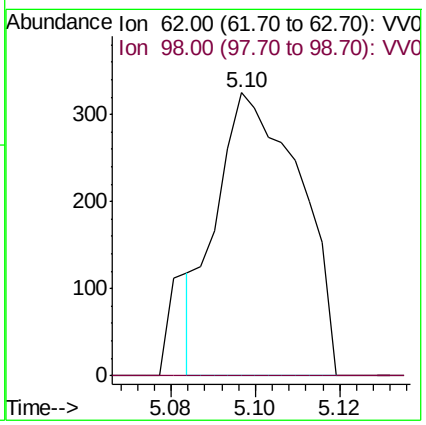


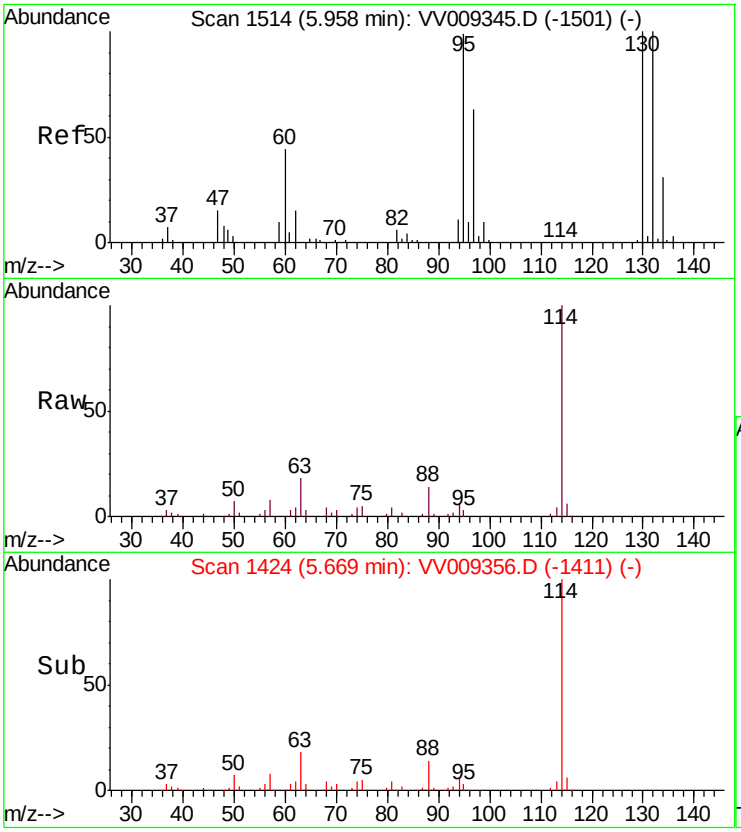


#27
1,2-Dichloroethane
Concen: 0.295 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Tgt Ion: 62 Resp: 449

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.5	12.7#



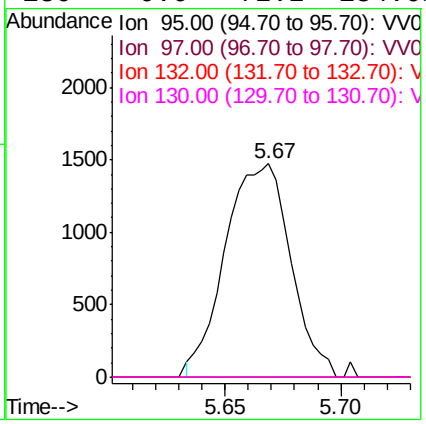


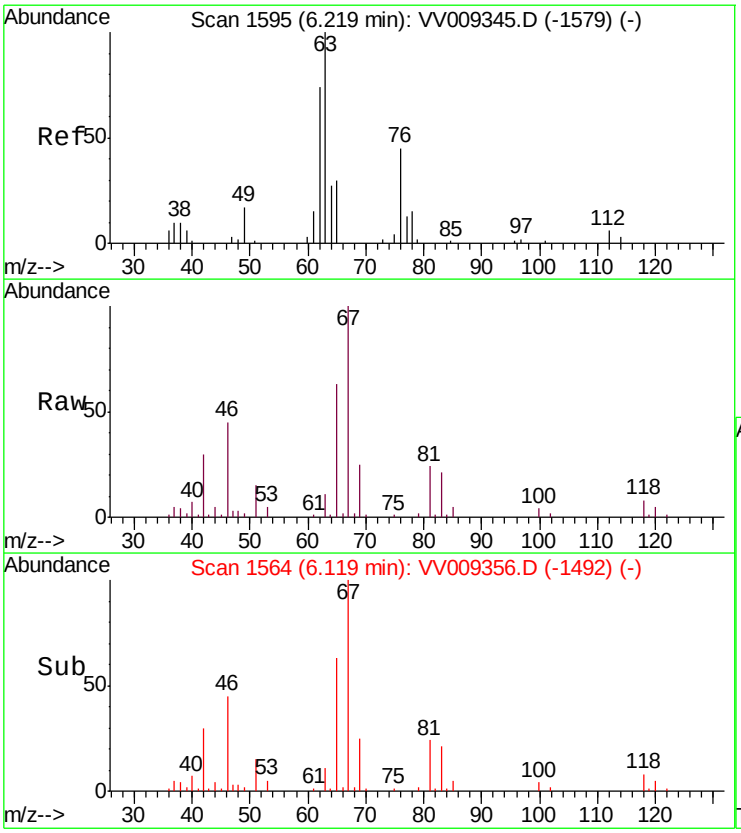
#35
Trichloroethene
Concen: 2.008 ug/L
RT: 5.67 min Scan# 1424
Delta R.T. -0.29 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Instrument : MSVOA_V
ClientSampleId : BF7X7

Tgt Ion: 95 Resp: 2881

Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.0	83.6#
132	0.0	68.7	127.5#
130	0.0	72.2	134.0#

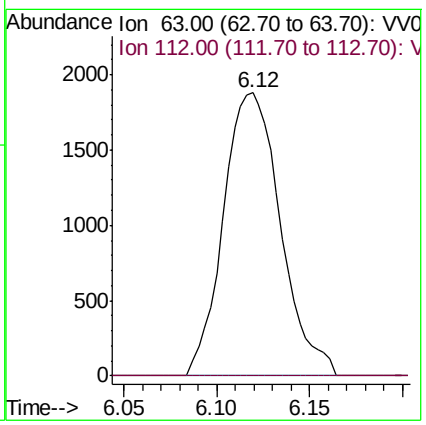


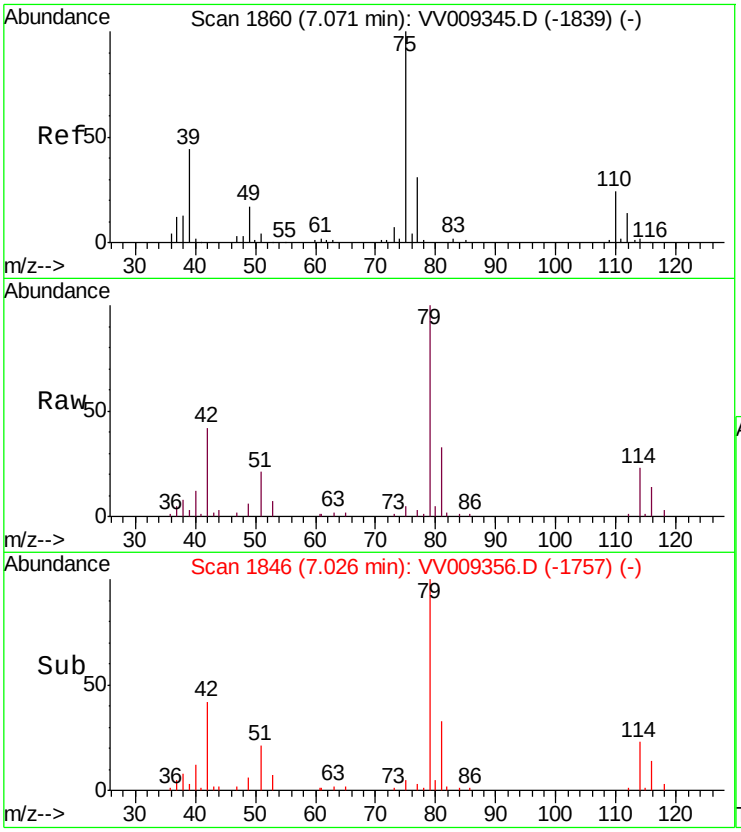


#40
1,2-Dichloropropane
Concen: 3.214 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Tgt Ion: 63 Resp: 4024

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.8#



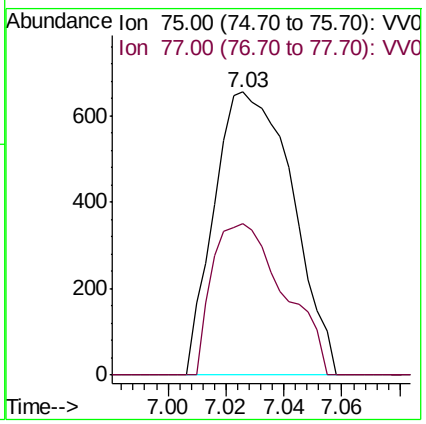


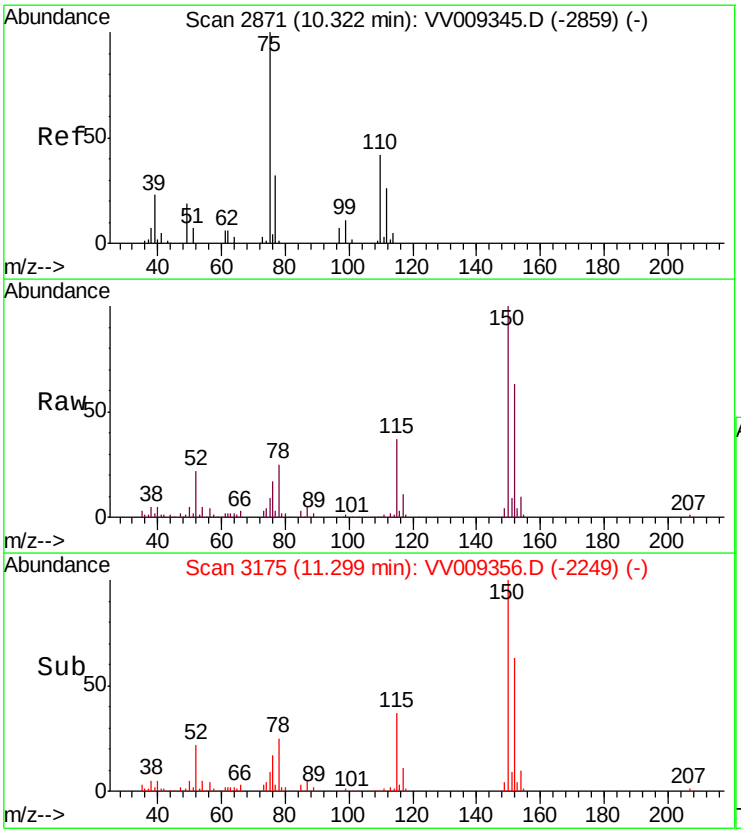
#42
cis-1,3-Dichloropropene
Concen: 0.576 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Instrument :
MSVOA_V
ClientSampleId :
BF7X7

Tgt Ion: 75 Resp: 1224

Ion	Ratio	Lower	Upper
75	100		
77	53.6	22.0	40.8#





#59
1,2,3-Trichloropropane
Concen: 5.419 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009356.D
Acq: 25 Feb 2019 18:47

Tgt Ion: 75 Resp: 6110

Ion	Ratio	Lower	Upper
75	100		
77	32.8	26.3	39.5