Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030619\

Quantitation Report (Not Reviewed)

Data File : VV009517.D
Acq On : 06 Mar 2019 14:26
Operator : SY/MD
Sample : K1736-03
Misc : 3.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF621RE

Quant Time: Mar 07 02:56:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 02:53:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	140033	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	116518	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40273	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	36490	21.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.60%			
7) Chloroethane-d5	1.58	69	69764	28.62	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 114.48%			
10) 1,1-Dichloroethene-d2	2.13	63	76676	17.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.92%			
20) 2-Butanone-d5	3.95	46	20542	35.76	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.52%			
24) Chloroform-d	4.40	84	81999	24.58	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.32%			
26) 1,2-Dichloroethane-d4	5.08	65	48655	25.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 102.56%			
29) Benzene-d6	5.10	84	166201	28.80	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 115.20%			
33) 1,2-Dichloropropane-d6	6.12	67	51437	30.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 120.80%#			
37) Toluene-d8	7.36	98	149615	26.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.36%			
38) trans-1,3-Dichloropropene-	7.67	79	18220	22.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.32%			
39) 2-Hexanone-d5	8.14	63	15753	39.64	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 79.28%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	40282	22.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 88.80%			
61) 1,2-Dichlorobenzene-d4	11.68	152	35693	24.28	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.12%			
Target Compounds						Qvalue
13) Acetone	2.21	43	3754	6.428	ug/L	99
16) Methylene chloride	2.53	84	7561	4.114	ug/L	90
25) Chloroform	4.42	83	1576	0.479	ug/L #	29
27) 1,2-Dichloroethane	5.10	62	1022	0.447	ug/L #	77
35) Trichloroethene	5.67	95	4257	2.460	ug/L #	6
36) Methylcyclohexane	6.12	83	12390	4.396	ug/L #	20
42) cis-1,3-Dichloropropene	7.03	75	1647	0.683	ug/L #	70
59) 1,2,3-Trichloropropane	11.30	75	6026	4.590	ug/L #	88

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030619\

Quantitation Report (Not Reviewed)

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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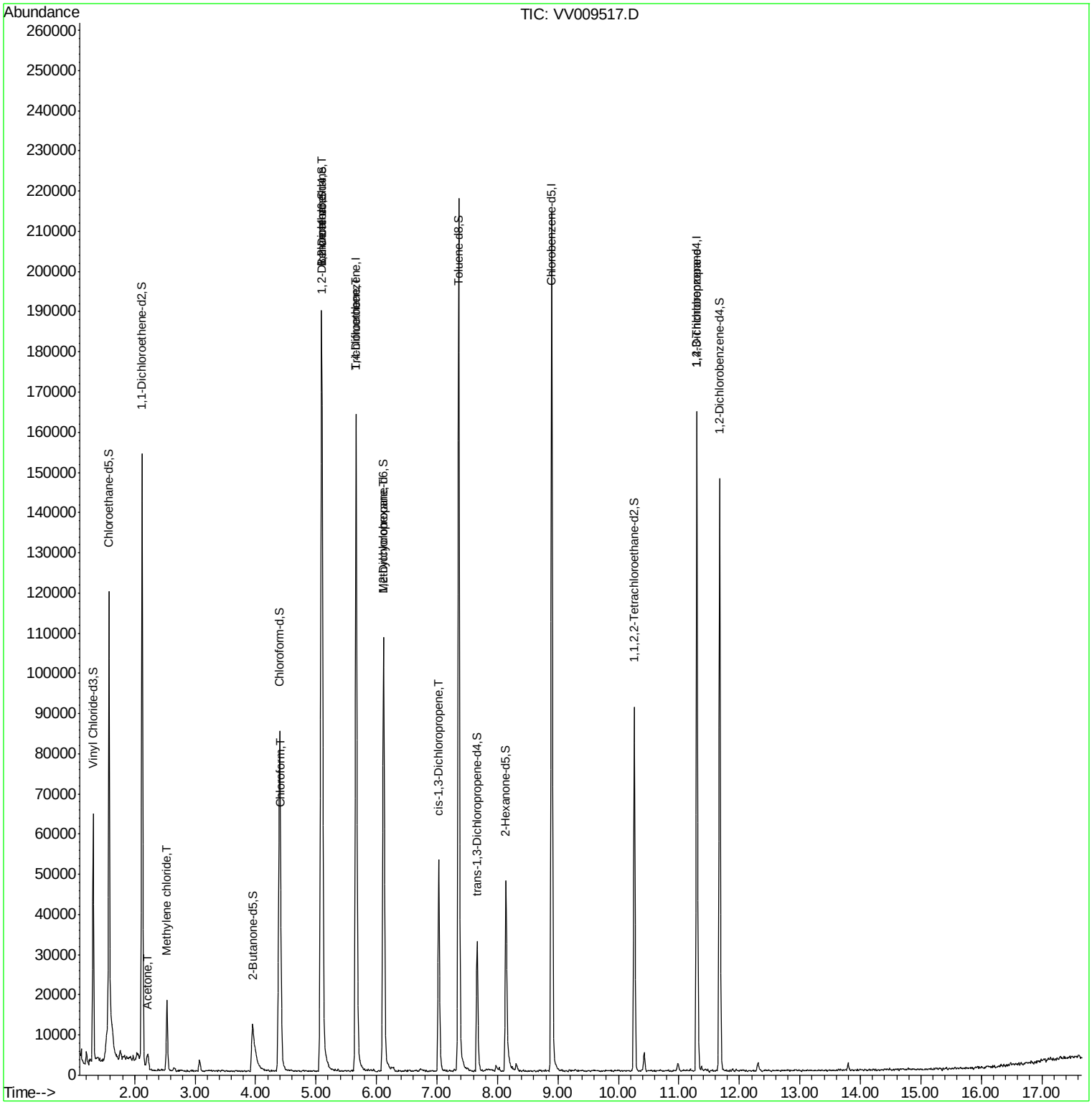
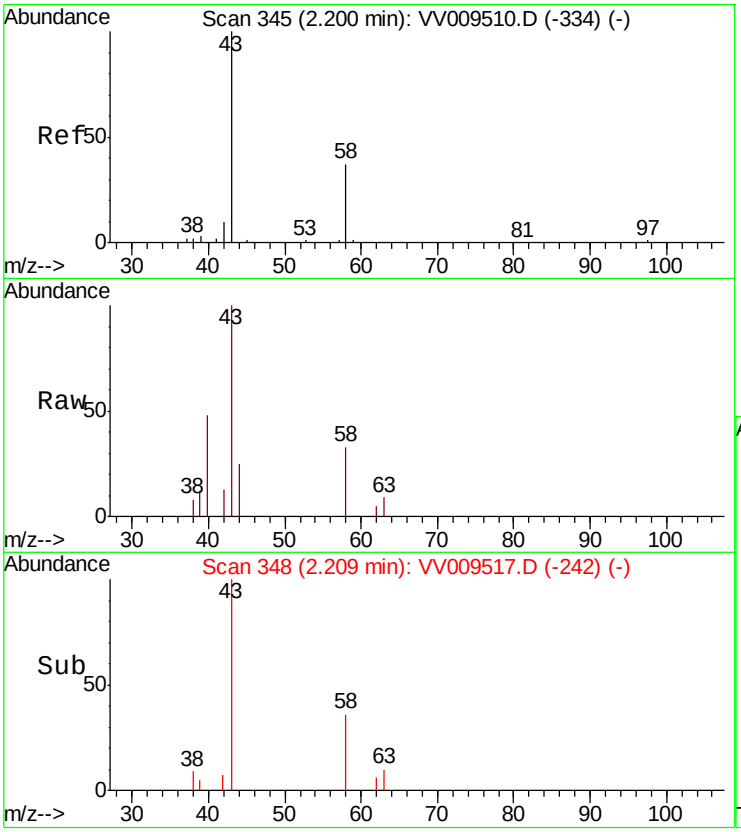
Quant Time: Mar 07 02:56:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 02:53:16 2019
Response via : Initial Calibration



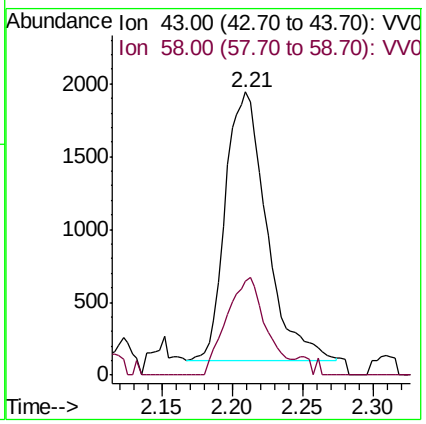


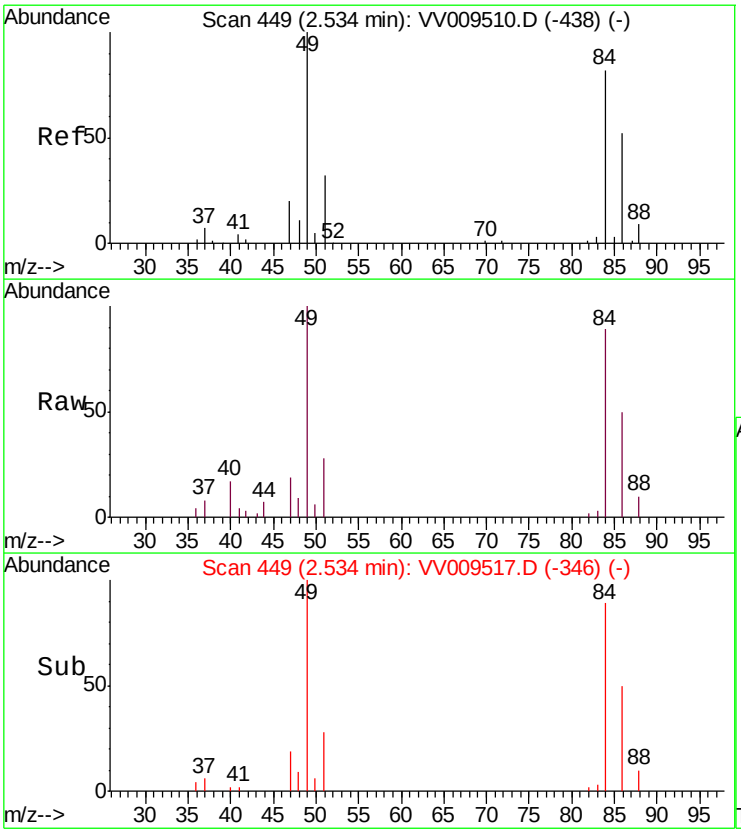
#13
Acetone
Concen: 6.428 ug/L
RT: 2.21 min Scan# 348
Delta R.T. 0.01 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Instrument : MSVOA_V
ClientSampleId : BF621RE

Tgt Ion: 43 Resp: 3754

Ion	Ratio	Lower	Upper
43	100		
58	35.1	0.0	68.8

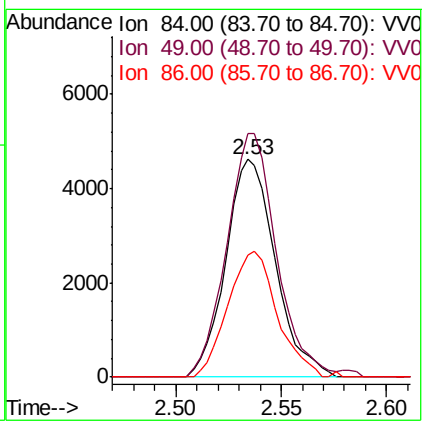


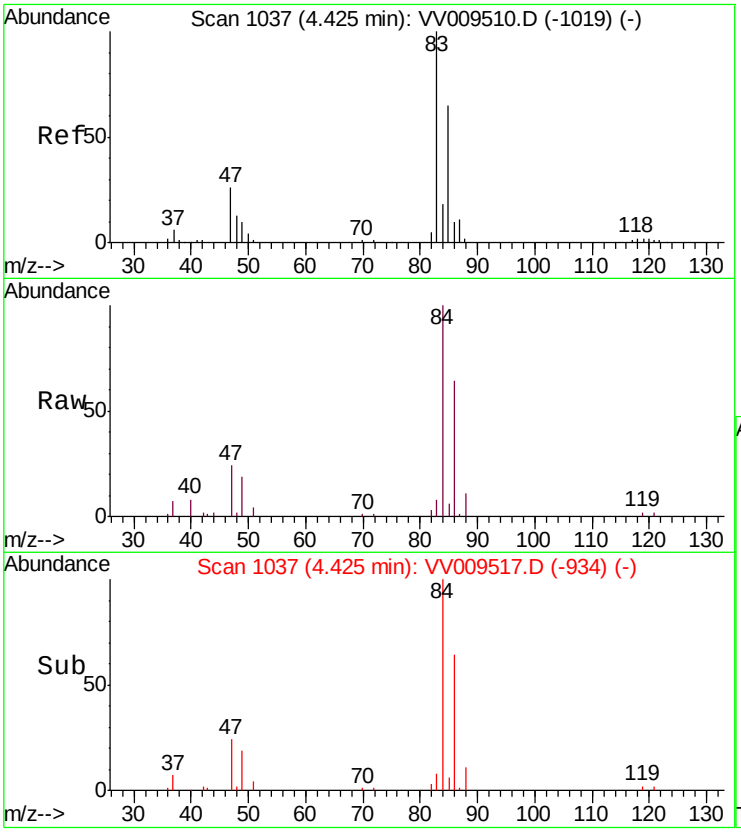


#16
Methylene chloride
Concen: 4.114 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Tgt Ion: 84 Resp: 7561

Ion	Ratio	Lower	Upper
84	100		
49	111.7	84.6	157.0
86	56.1	46.1	85.7



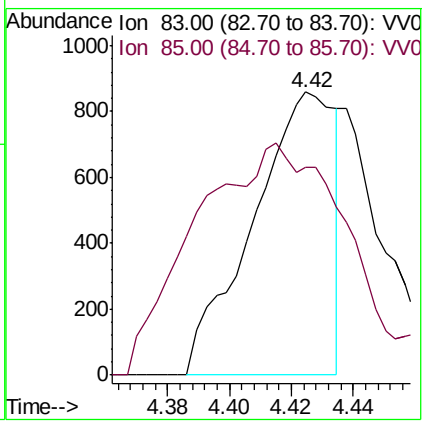


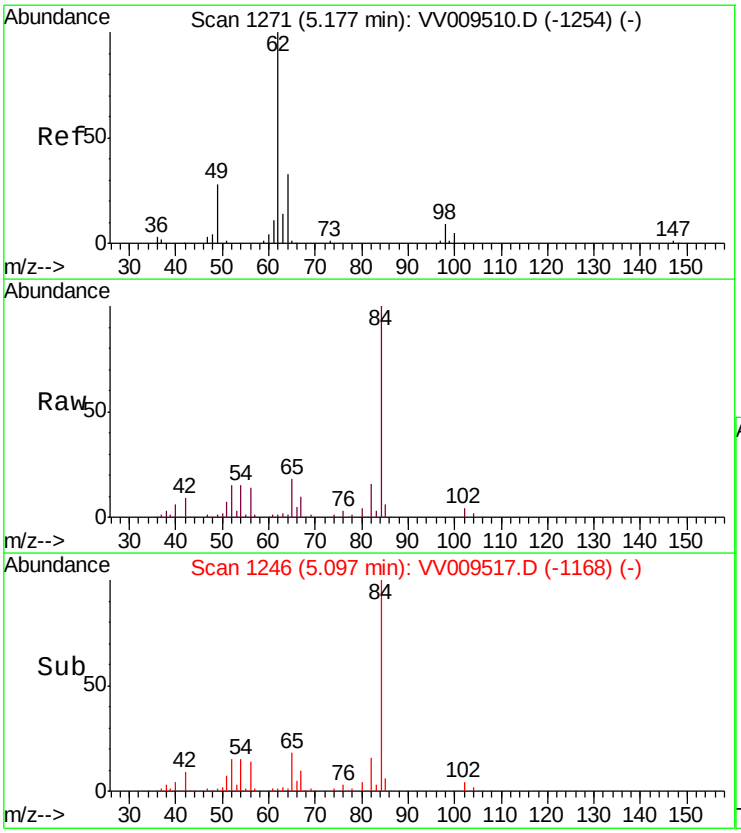
#25
Chloroform
Concen: 0.479 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Instrument : MSVOA_V
ClientSampleId : BF621RE

Tgt Ion: 83 Resp: 1576

Ion	Ratio	Lower	Upper
83	100		
85	9.1	45.4	84.2#

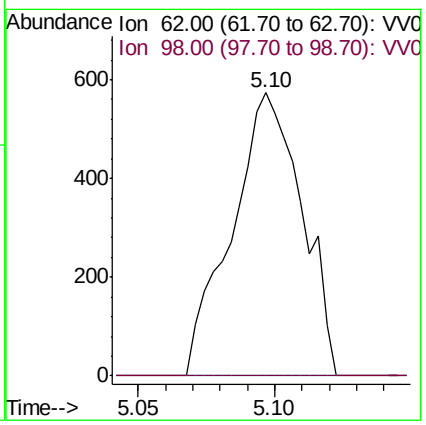


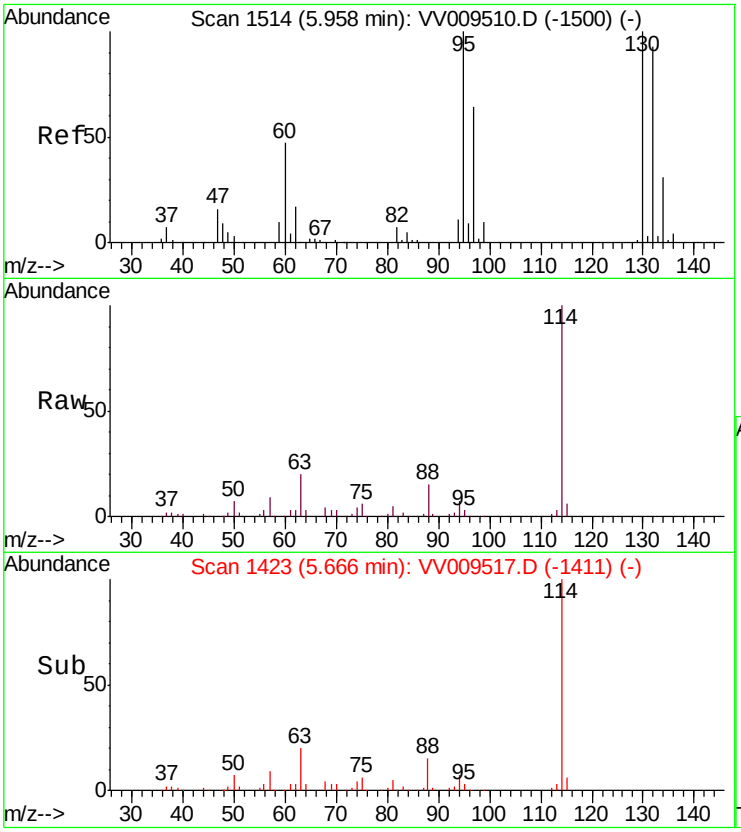


#27
1,2-Dichloroethane
Concen: 0.447 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Tgt Ion: 62 Resp: 1022

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



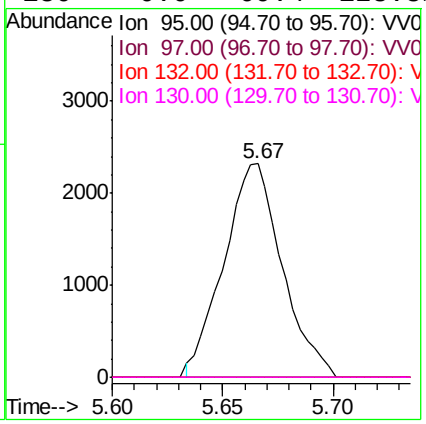


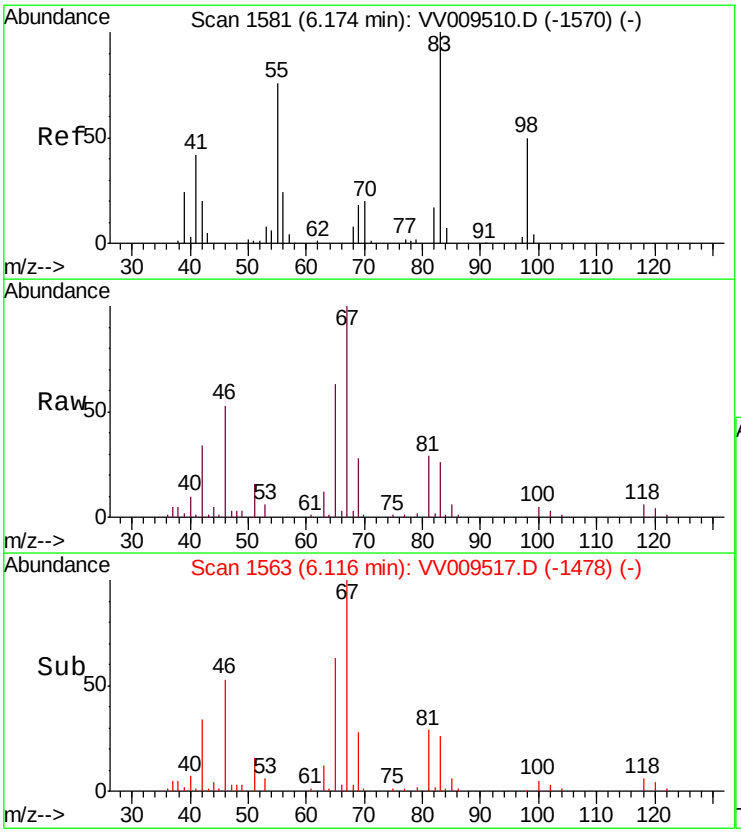
#35
Trichloroethene
Concen: 2.460 ug/L
RT: 5.67 min Scan# 1423
Delta R.T. -0.29 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Instrument : MSVOA_V
ClientSampleId : BF621RE

Tgt Ion: 95 Resp: 4257

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#

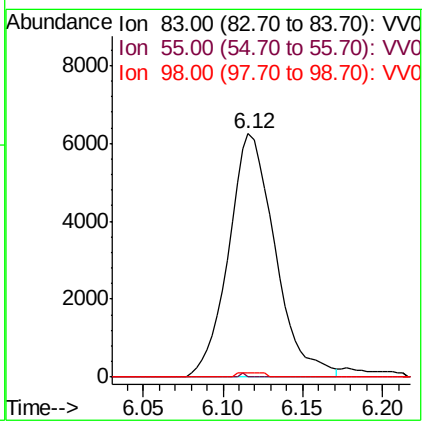


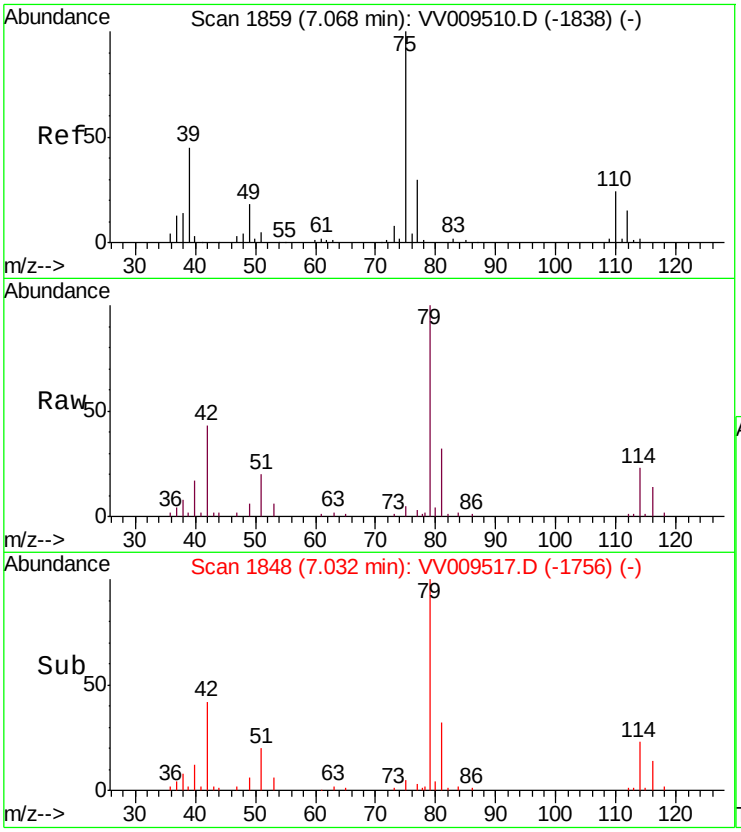


#36
Methylcyclohexane
Concen: 4.396 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Tgt Ion: 83 Resp: 12390

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.8	88.2#
98	0.5	37.7	56.5#



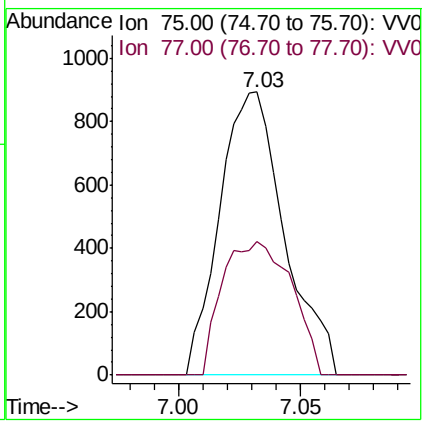


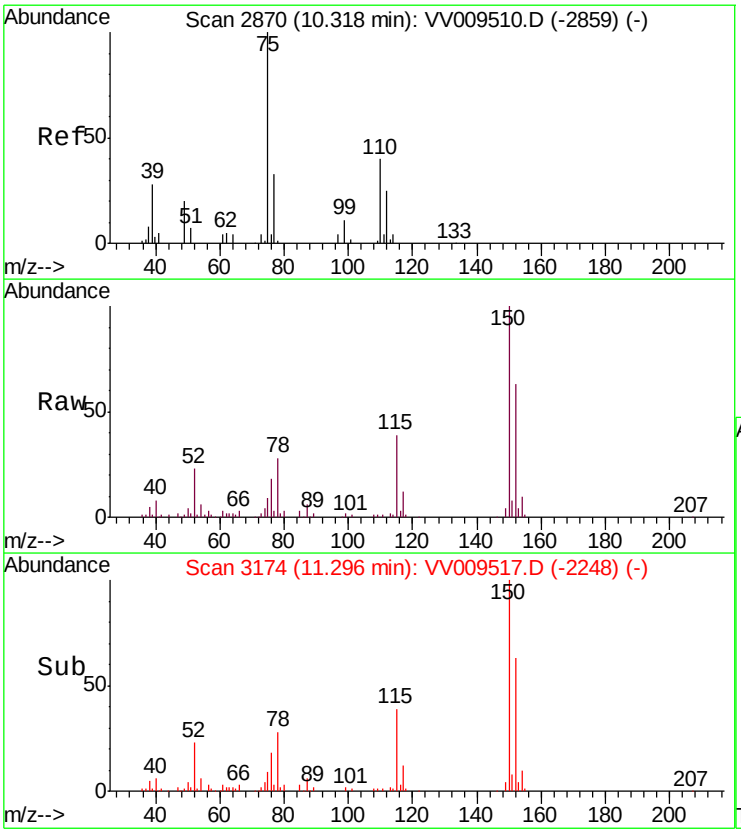
#42
cis-1,3-Dichloropropene
Concen: 0.683 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Instrument : MSVOA_V
ClientSampleId : BF621RE

Tgt Ion: 75 Resp: 1647

Ion	Ratio	Lower	Upper
75	100		
77	47.0	21.4	39.8#





#59
1,2,3-Trichloropropane
Concen: 4.590 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009517.D
Acq: 06 Mar 2019 14:26

Tgt Ion: 75 Resp: 6026

Ion	Ratio	Lower	Upper
75	100		
77	38.9	25.9	38.9#