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

Quantitation Report (Not Reviewed)

Data File : VV009513.D
Acq On : 06 Mar 2019 12:40
Operator : SY/MD
Sample : K1736-06
Misc : 6.45G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF624

Quant Time: Mar 07 02:56:02 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	164697	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	153604	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	65628	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	39855	20.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.40%			
7) Chloroethane-d5	1.58	69	69249	24.15	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.60%			
10) 1,1-Dichloroethene-d2	2.13	63	89302	17.31	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 69.24%			
20) 2-Butanone-d5	3.95	46	30677	45.41	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.82%			
24) Chloroform-d	4.40	84	93635	23.86	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.44%			
26) 1,2-Dichloroethane-d4	5.08	65	59958	26.86	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 107.44%			
29) Benzene-d6	5.10	84	191508	25.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.68%			
33) 1,2-Dichloropropane-d6	6.12	67	60524	26.96	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.84%			
37) Toluene-d8	7.36	98	181964	24.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.12%			
38) trans-1,3-Dichloropropene-	7.66	79	25808	23.72	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.88%			
39) 2-Hexanone-d5	8.14	63	24872	47.47	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.94%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59204	24.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.00%			
61) 1,2-Dichlorobenzene-d4	11.67	152	62714	26.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 104.72%			

Target Compounds						Qvalue
13) Acetone	2.21	43	1113	1.620	ug/L	72
16) Methylene chloride	2.53	84	4938	2.285	ug/L	94
25) Chloroform	4.42	83	4344	1.123	ug/L	78
27) 1,2-Dichloroethane	5.10	62	1076	0.401	ug/L #	77
35) Trichloroethene	5.66	95	4736	2.076	ug/L #	6
42) cis-1,3-Dichloropropene	7.03	75	2331	0.734	ug/L	98
45) trans-1,3-Dichloropropene	7.67	75	1388	0.500	ug/L #	74
59) 1,2,3-Trichloropropane	11.30	75	9294	5.370	ug/L #	87

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

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ALS Vial : 1 Sample Multiplier: 1

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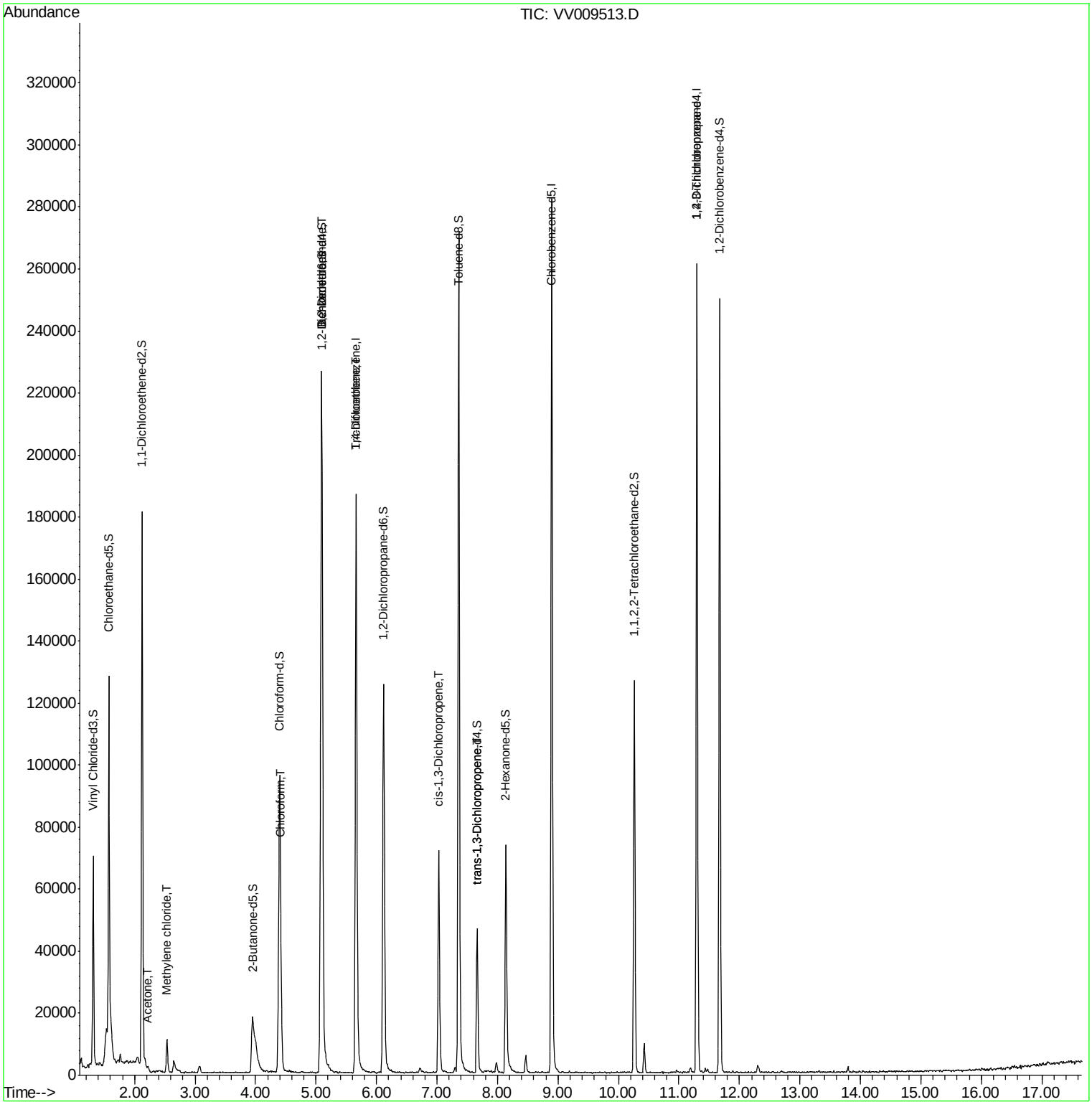
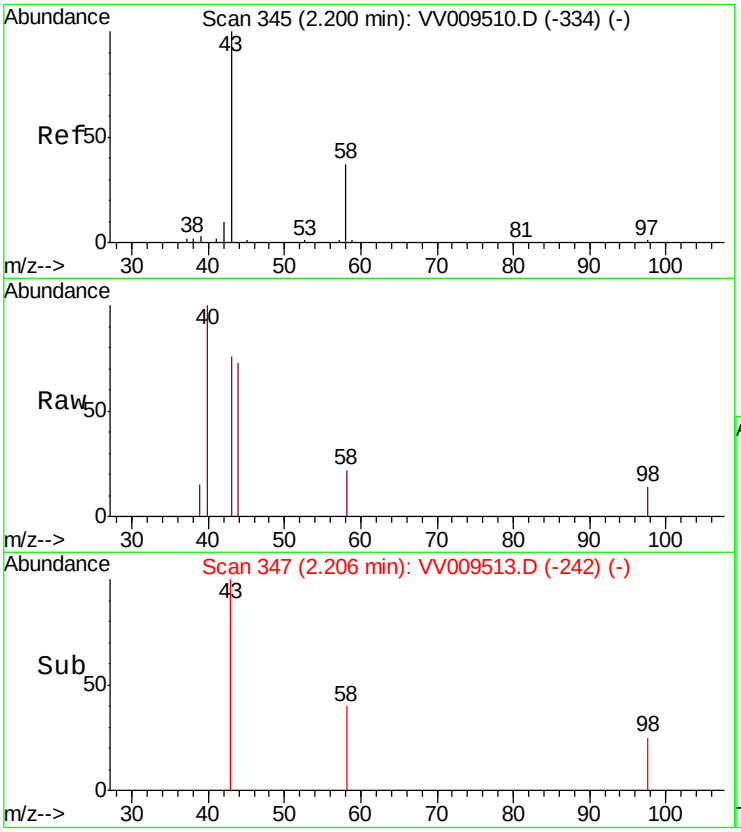
Quant Time: Mar 07 02:56:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 07 02:53:16 2019
Response via : Initial Calibration



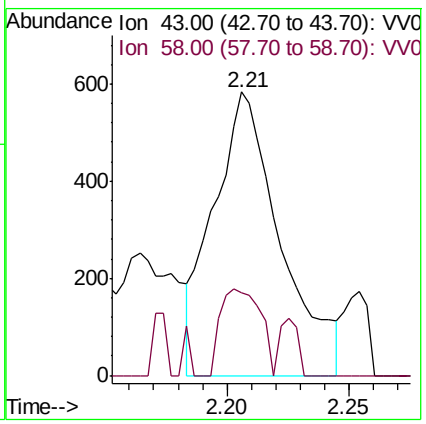


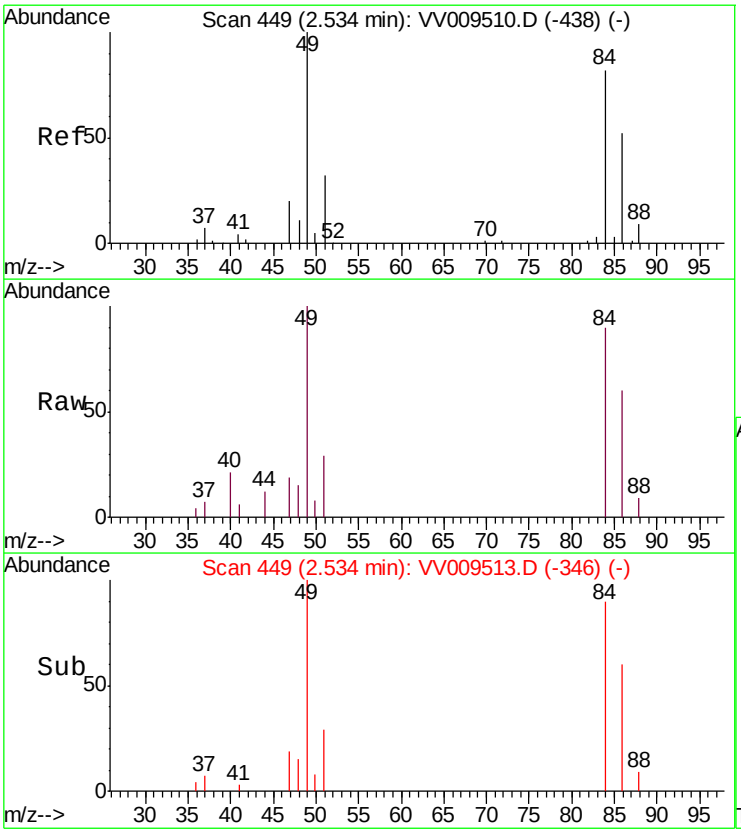
#13
Acetone
Concen: 1.620 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.01 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Instrument : MSVOA_V
ClientSampleId : BF624

Tgt Ion: 43 Resp: 1113

Ion	Ratio	Lower	Upper
43	100		
58	18.2	0.0	68.8

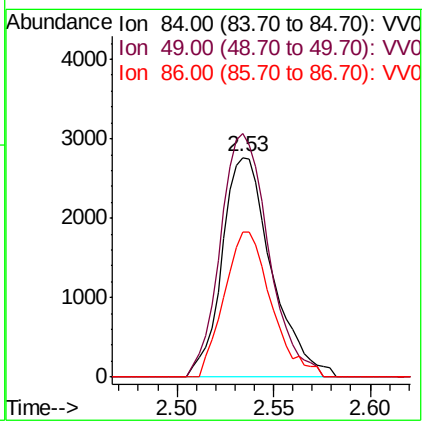


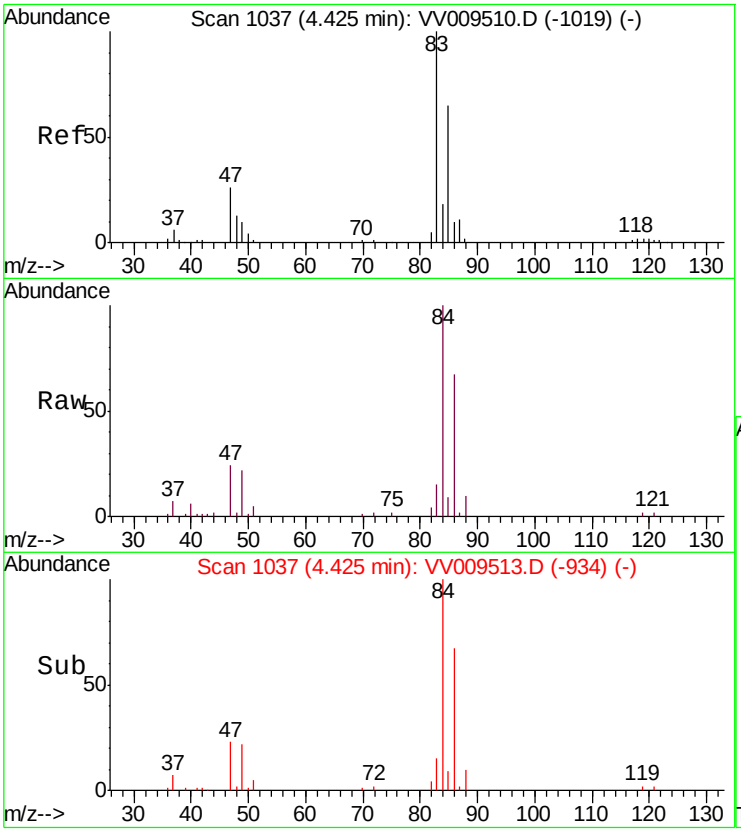


#16
Methylene chloride
Concen: 2.285 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Tgt Ion: 84 Resp: 4938

Ion	Ratio	Lower	Upper
84	100		
49	110.9	84.6	157.0
86	66.1	46.1	85.7



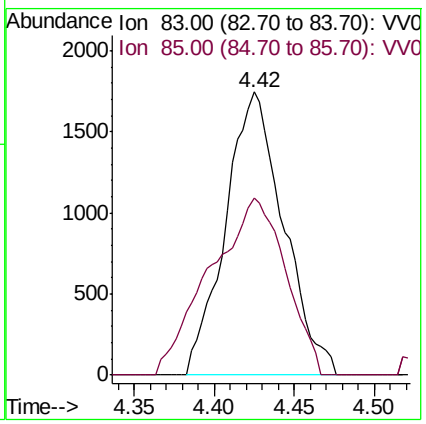


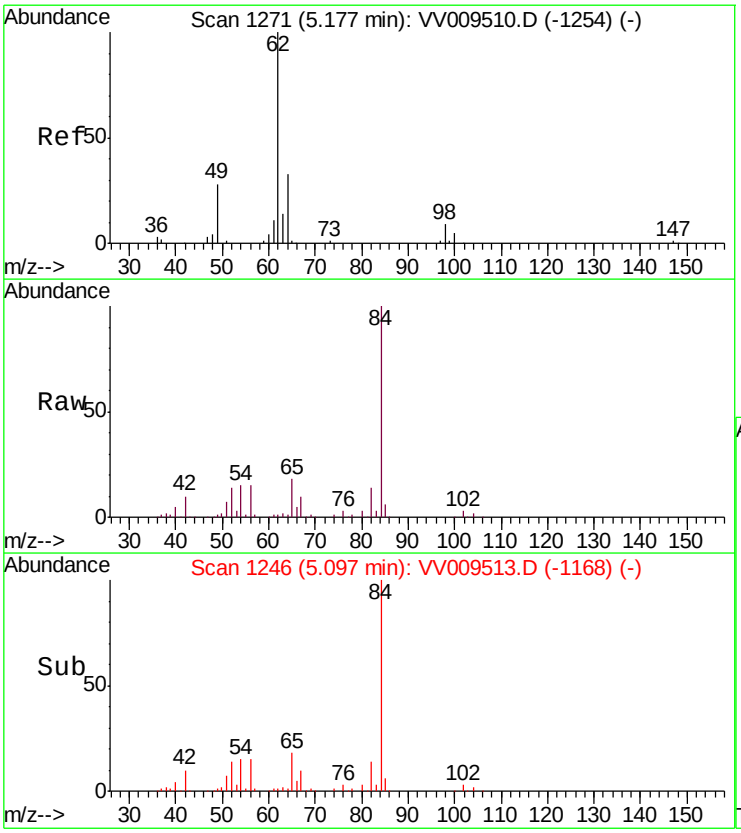
#25
Chloroform
Concen: 1.123 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Instrument :
MSVOA_V
ClientSampleId :
BF624

Tgt Ion: 83 Resp: 4344

Ion	Ratio	Lower	Upper
83	100		
85	81.7	45.4	84.2

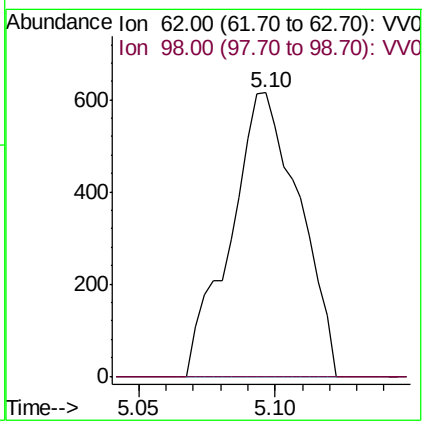


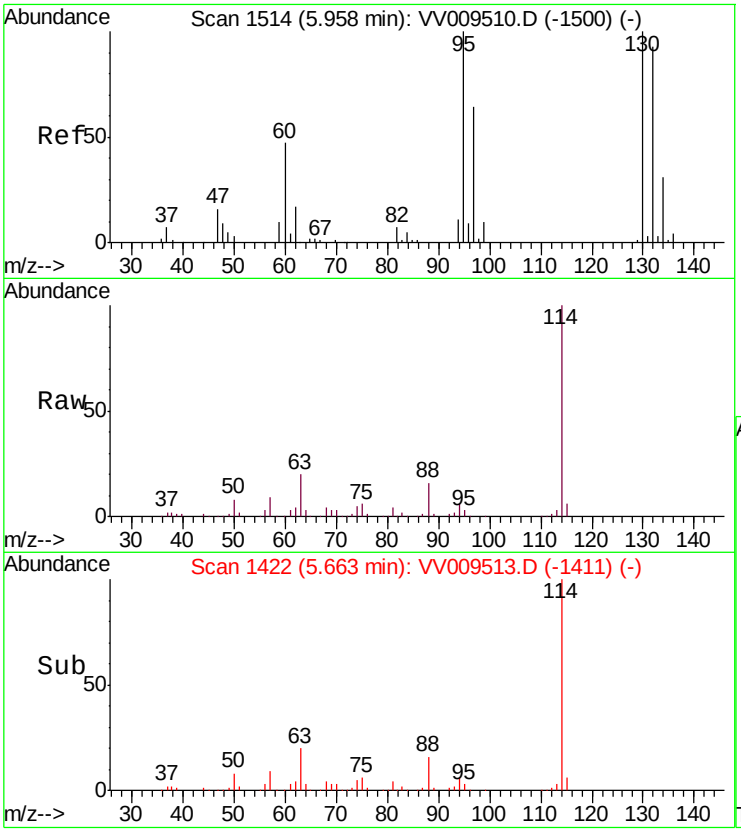


#27
1,2-Dichloroethane
Concen: 0.401 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Tgt Ion: 62 Resp: 1076

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



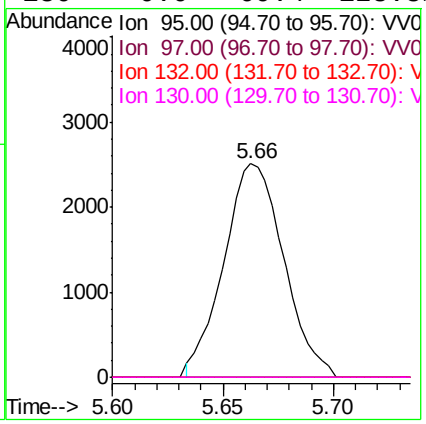


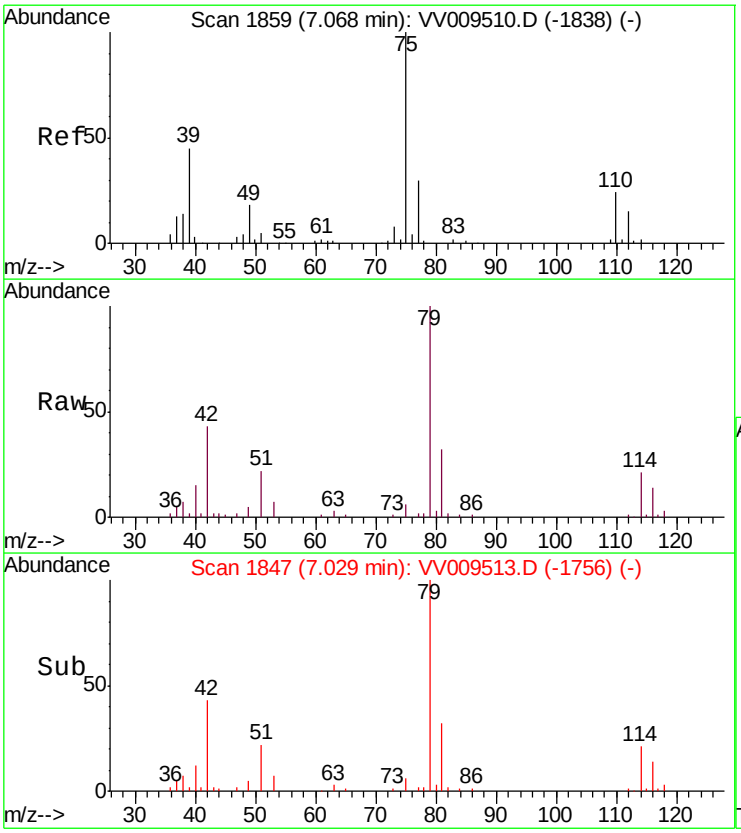
#35
Trichloroethene
Concen: 2.076 ug/L
RT: 5.66 min Scan# 1422
Delta R.T. -0.30 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Instrument : MSVOA_V
ClientSampleId : BF624

Tgt Ion: 95 Resp: 4736

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#

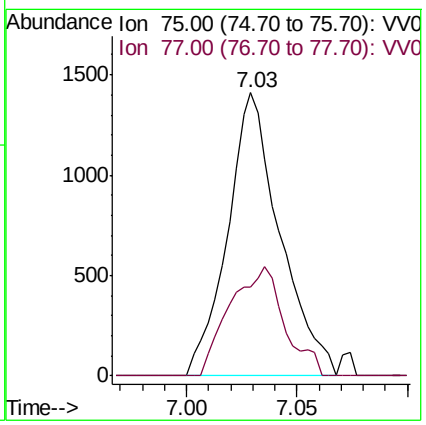


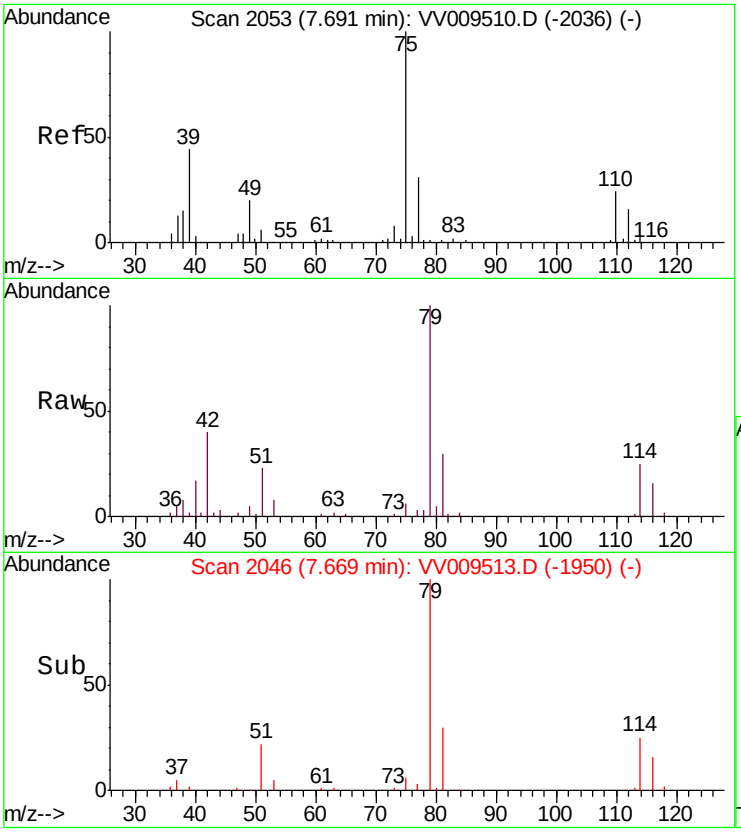


#42
cis-1,3-Dichloropropene
Concen: 0.734 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Tgt Ion: 75 Resp: 2331

Ion	Ratio	Lower	Upper
75	100		
77	31.5	21.4	39.8



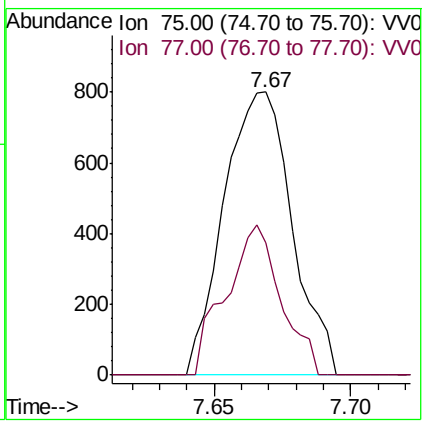


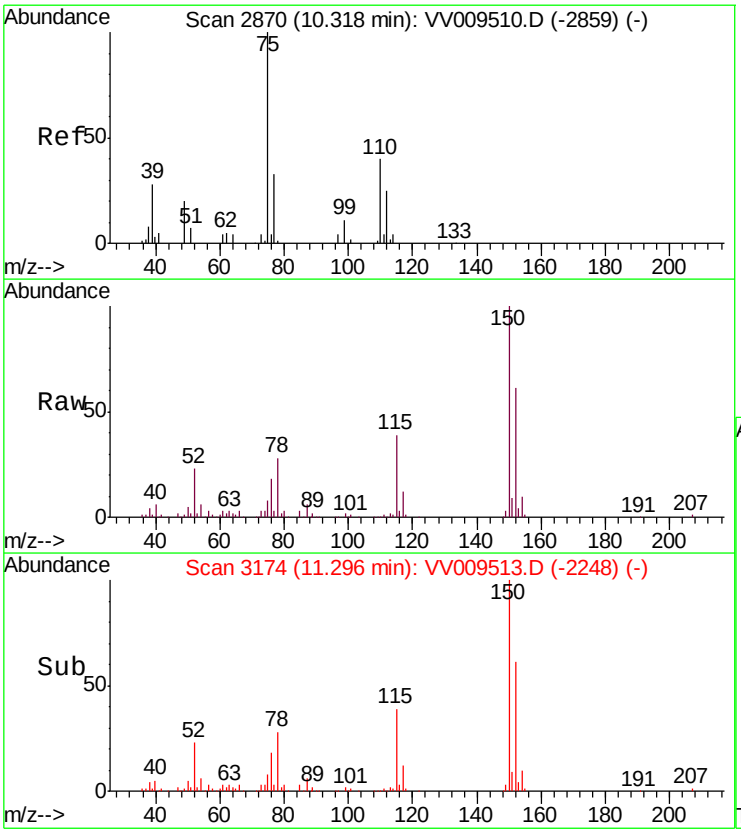
#45
trans-1,3-Dichloropropene
Concen: 0.500 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.02 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Instrument :
MSVOA_V
ClientSampleId :
BF624

Tgt Ion: 75 Resp: 1388

Ion	Ratio	Lower	Upper
75	100		
77	46.9	22.5	41.7#





#59
1,2,3-Trichloropropane
Concen: 5.370 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009513.D
Acq: 06 Mar 2019 12:40

Tgt Ion: 75 Resp: 9294

Ion	Ratio	Lower	Upper
75	100		
77	39.6	25.9	38.9#