Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\

Quantitation Report (Not Reviewed)

Data File : VV009408.D
Acq On : 27 Feb 2019 19:36
Operator : SY/MD
Sample : K1626-13
Misc : 4.36G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC90

Quant Time: Feb 28 04:37:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	166484	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143815	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	53161	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	37460	17.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.52%			
7) Chloroethane-d5	1.58	69	57982	21.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 85.16%			
10) 1,1-Dichloroethene-d2	2.13	63	84693	15.29	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.16%			
20) 2-Butanone-d5	3.95	46	19833	31.43	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.86%			
24) Chloroform-d	4.40	84	92407	22.89	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.56%			
26) 1,2-Dichloroethane-d4	5.08	65	49190	22.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 88.08%			
29) Benzene-d6	5.10	84	189496	24.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.16%			
33) 1,2-Dichloropropane-d6	6.12	67	57110	25.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.96%			
37) Toluene-d8	7.36	98	175994	24.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.00%			
38) trans-1,3-Dichloropropene-	7.67	79	22860	20.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.64%			
39) 2-Hexanone-d5	8.14	63	17391	36.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.36%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43000	19.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.60%			
61) 1,2-Dichlorobenzene-d4	11.68	152	47250	24.00	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.00%			
Target Compounds						Qvalue
13) Acetone	2.20	43	1431	1.984	ug/L	88
16) Methylene chloride	2.54	84	21849	9.689	ug/L	97
27) 1,2-Dichloroethane	5.10	62	1116	0.402	ug/L #	77
36) Methylcyclohexane	6.12	83	13763	3.551	ug/L #	21
40) 1,2-Dichloropropane	6.12	63	6419	3.222	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1830	0.578	ug/L #	68
45) trans-1,3-Dichloropropene	7.67	75	1409	0.491	ug/L #	79
59) 1,2,3-Trichloropropane	11.30	75	7899	4.957	ug/L #	87

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022719\

Quantitation Report (Not Reviewed)

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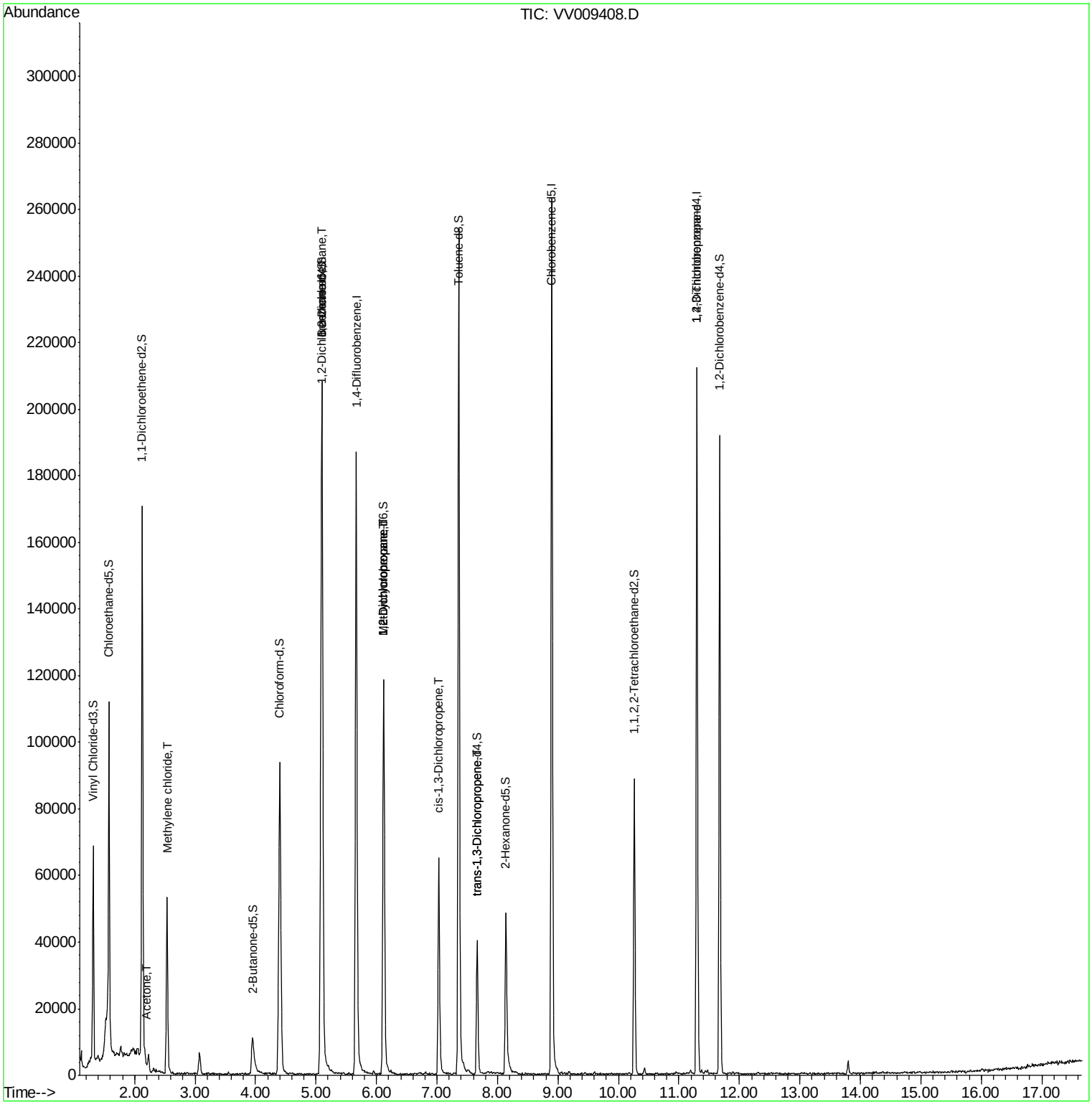
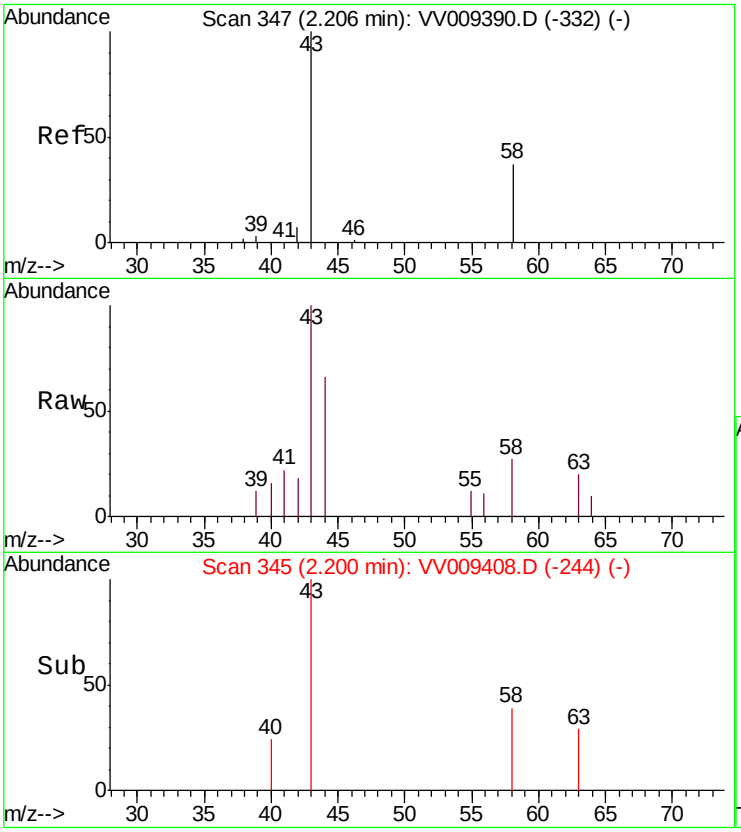
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC90

Quant Time: Feb 28 04:37:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 28 04:32:57 2019
Response via : Initial Calibration



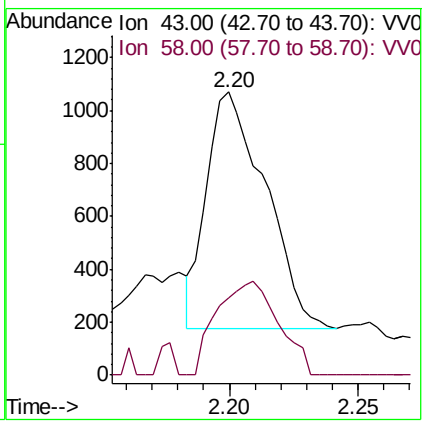


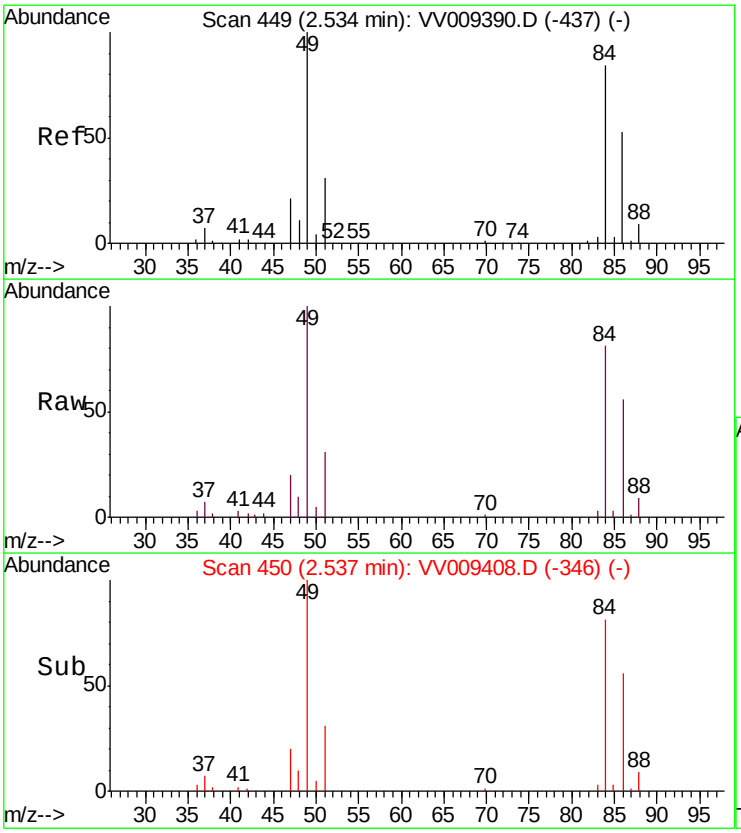
#13
Acetone
Concen: 1.984 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.01 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Instrument :
MSVOA_V
ClientSampleId :
BFC90

Tgt Ion: 43 Resp: 1431

Ion	Ratio	Lower	Upper
43	100		
58	41.4	0.0	68.8

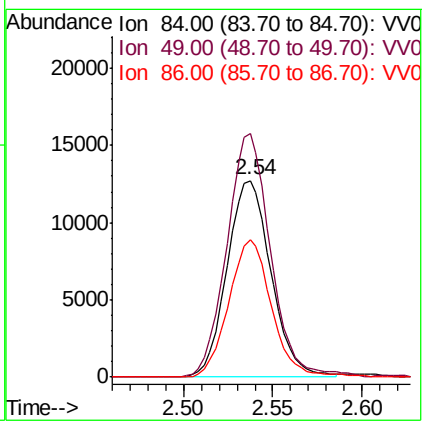


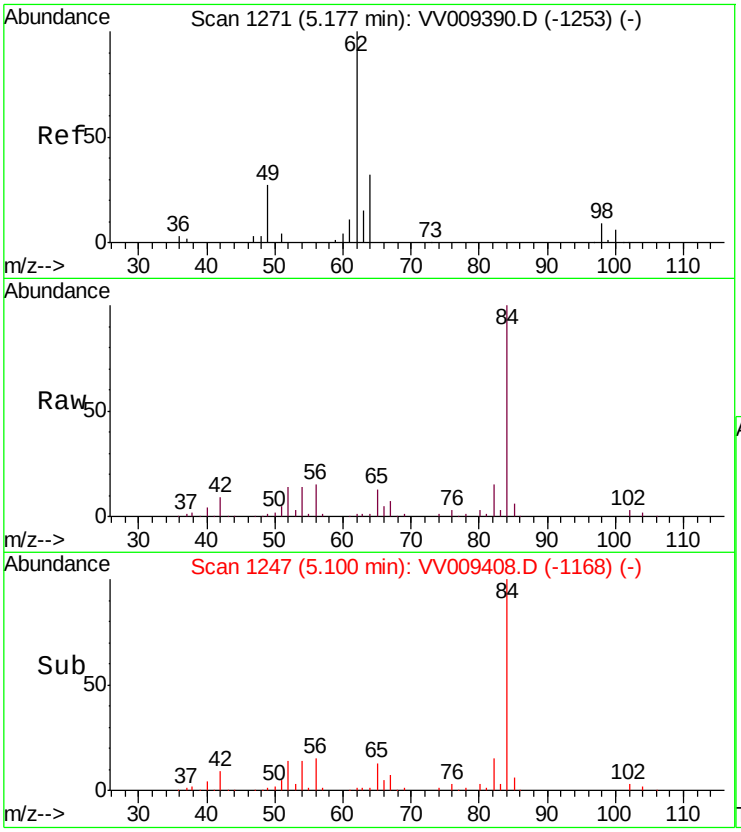


#16
Methylene chloride
Concen: 9.689 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Tgt Ion: 84 Resp: 21849

Ion	Ratio	Lower	Upper
84	100		
49	123.7	84.6	157.0
86	69.7	46.1	85.7



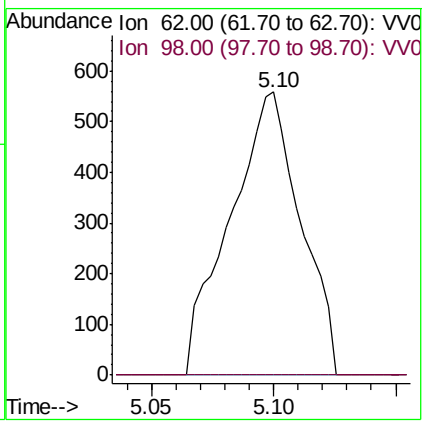


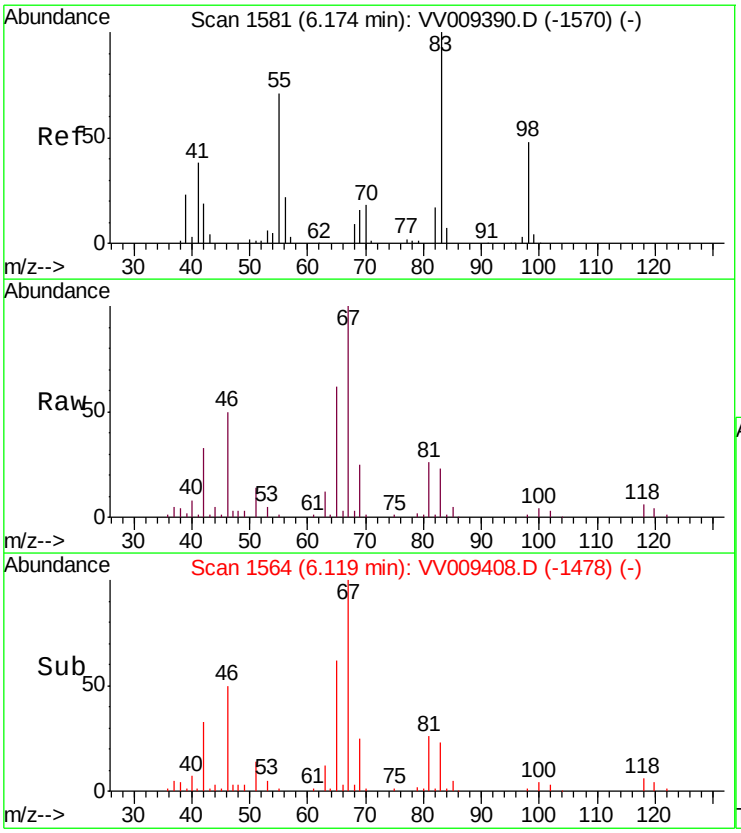
#27
1,2-Dichloroethane
Concen: 0.402 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Instrument : MSVOA_V
ClientSampleId : BFC90

Tgt Ion: 62 Resp: 1116

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

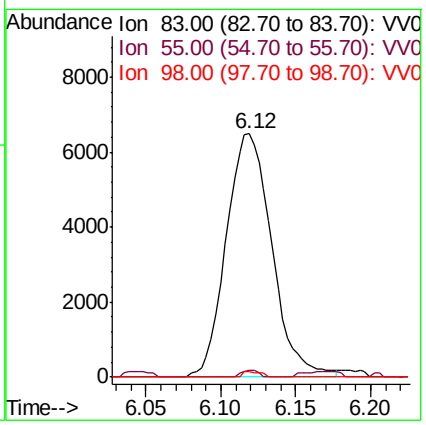


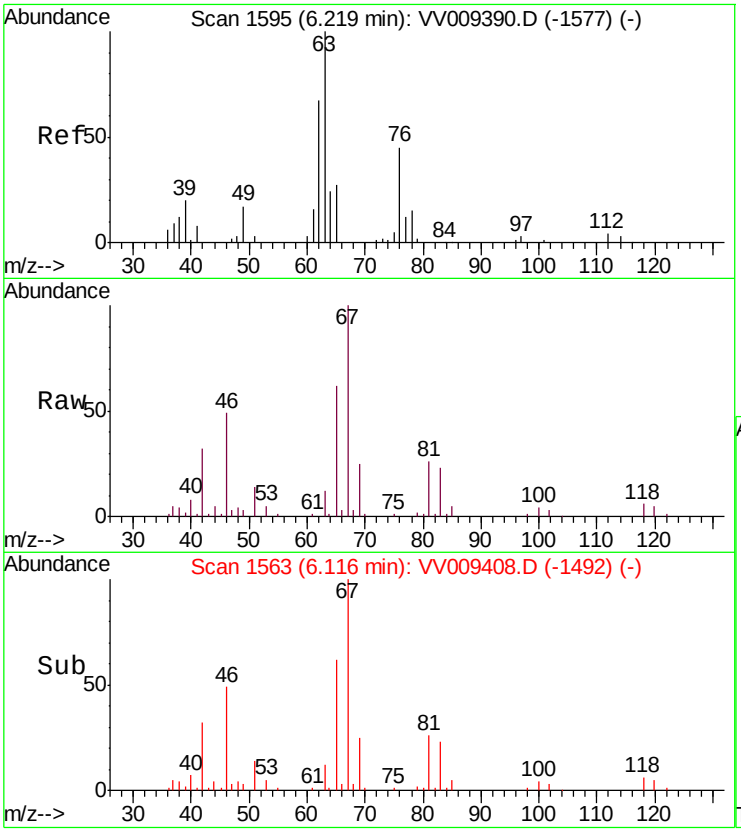


#36
Methylcyclohexane
Concen: 3.551 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Tgt Ion: 83 Resp: 13763

Ion	Ratio	Lower	Upper
83	100		
55	1.1	58.8	88.2#
98	0.9	37.7	56.5#



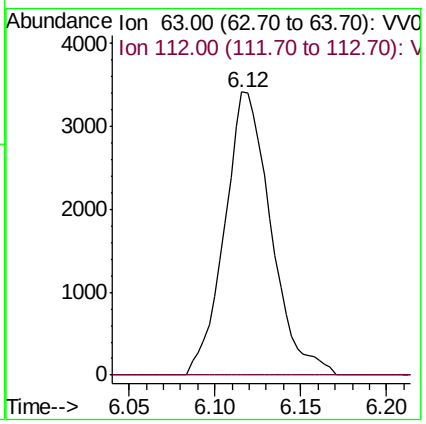


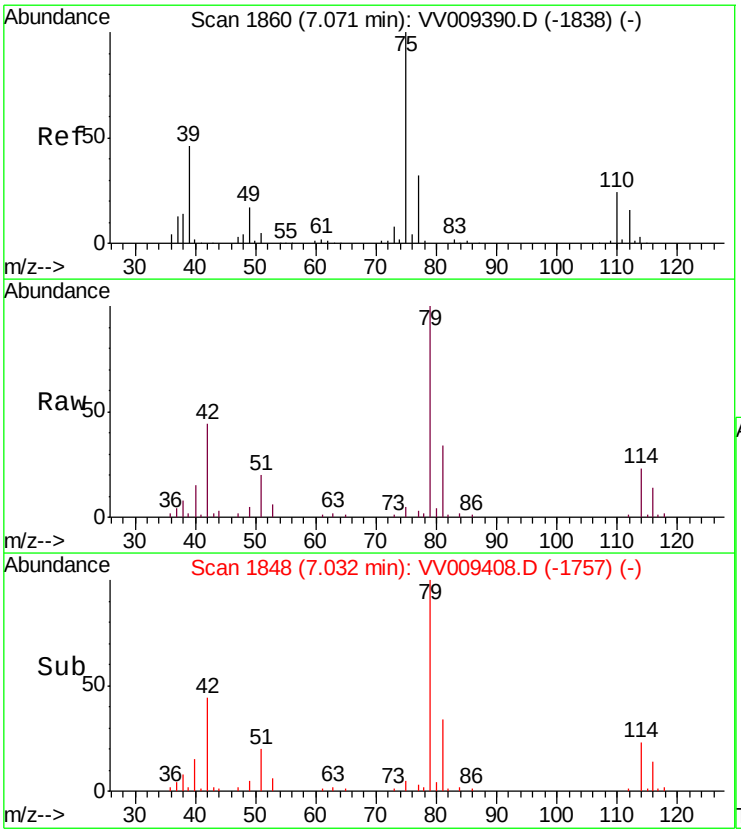
#40
1,2-Dichloropropane
Concen: 3.222 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Instrument : MSVOA_V
ClientSampleId : BFC90

Tgt Ion: 63 Resp: 6419

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

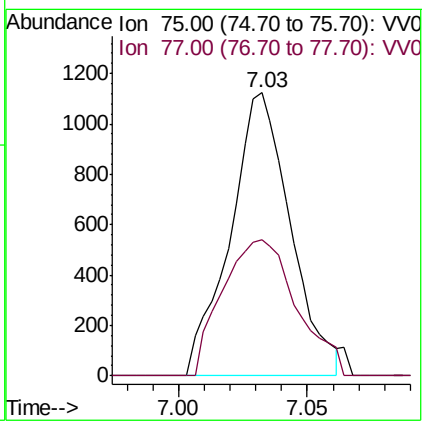


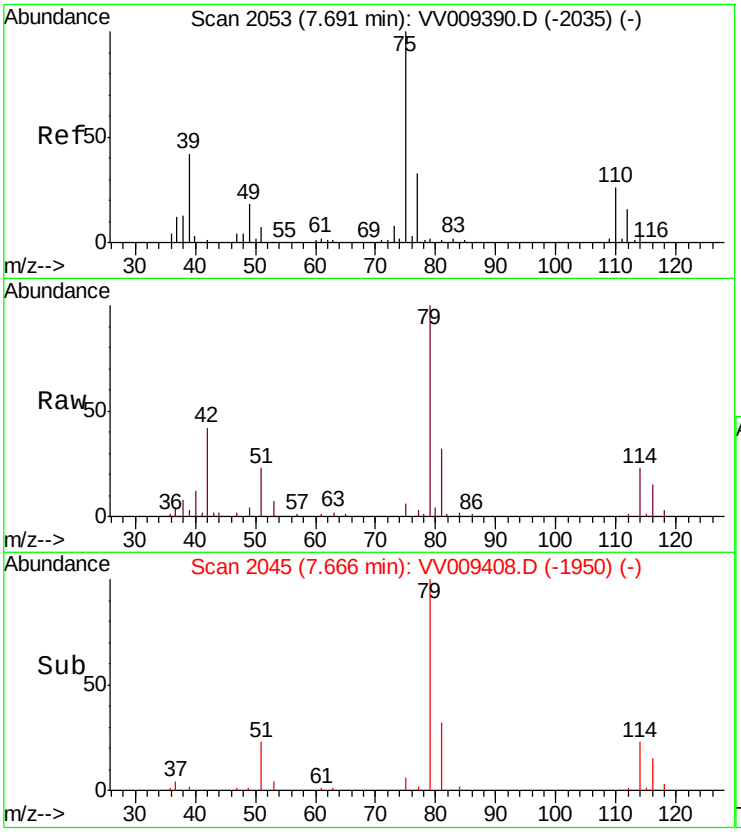


#42
cis-1,3-Dichloropropene
Concen: 0.578 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Tgt Ion: 75 Resp: 1830

Ion	Ratio	Lower	Upper
75	100		
77	47.9	21.4	39.8#



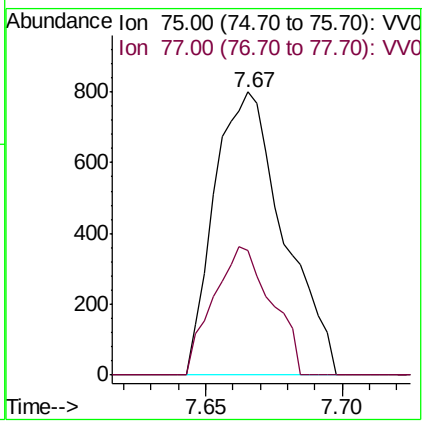


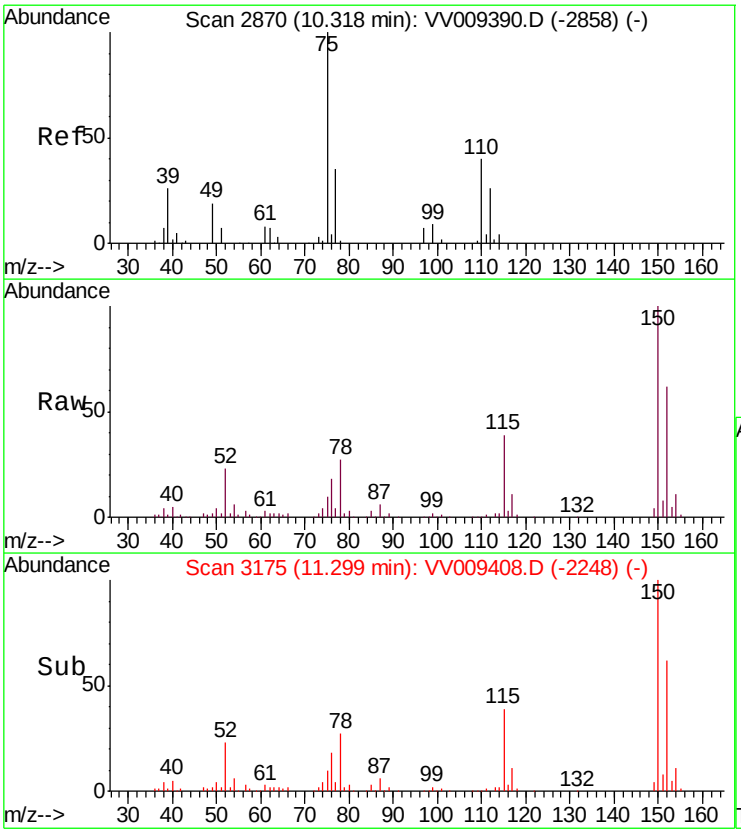
#45
trans-1,3-Dichloropropene
Concen: 0.491 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Instrument :
MSVOA_V
ClientSampleId :
BFC90

Tgt Ion: 75 Resp: 1409

Ion	Ratio	Lower	Upper
75	100		
77	44.1	22.5	41.7#





#59
1,2,3-Trichloropropane
Concen: 4.957 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009408.D
Acq: 27 Feb 2019 19:36

Tgt Ion: 75 Resp: 7899

Ion	Ratio	Lower	Upper
75	100		
77	39.5	25.9	38.9#