Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022619\

Quantitation Report (Not Reviewed)

Data File : VV009383.D
Acq On : 26 Feb 2019 22:34
Operator : SY/MD
Sample : K1622-07
Misc : 4.83G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5J0

Quant Time: Feb 27 04:49:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	130621	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	111580	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41683	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	31414	19.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.48%			
7) Chloroethane-d5	1.58	69	56386	26.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.56%			
10) 1,1-Dichloroethene-d2	2.13	63	74363	17.11	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.44%			
20) 2-Butanone-d5	3.95	46	9028	18.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 36.46%			
24) Chloroform-d	4.40	84	77603	24.50	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 98.00%			
26) 1,2-Dichloroethane-d4	5.08	65	44591	25.44	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 101.76%			
29) Benzene-d6	5.10	84	156539	26.39	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 105.56%			
33) 1,2-Dichloropropane-d6	6.12	67	49454	28.45	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 113.80%			
37) Toluene-d8	7.36	98	142479	25.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.16%			
38) trans-1,3-Dichloropropene-	7.67	79	18477	21.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.08%			
39) 2-Hexanone-d5	8.14	63	13740	37.35	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 74.70%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	41674	24.55	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.20%			
61) 1,2-Dichlorobenzene-d4	11.68	152	38942	25.22	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.88%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.12	96	859	0.458	ug/L #	1
13) Acetone	2.21	43	1062	1.876	ug/L	83
16) Methylene chloride	2.54	84	4308	2.435	ug/L	94
27) 1,2-Dichloroethane	5.10	62	864	0.396	ug/L #	77
36) Methylcyclohexane	6.12	83	11629	3.868	ug/L #	21
40) 1,2-Dichloropropane	6.11	63	5658	3.661	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1419	0.578	ug/L #	40
45) trans-1,3-Dichloropropene	7.66	75	1034	0.464	ug/L #	71
59) 1,2,3-Trichloropropane	11.30	75	6243	5.049	ug/L	93

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022619\

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Instrument : MSVOA_V
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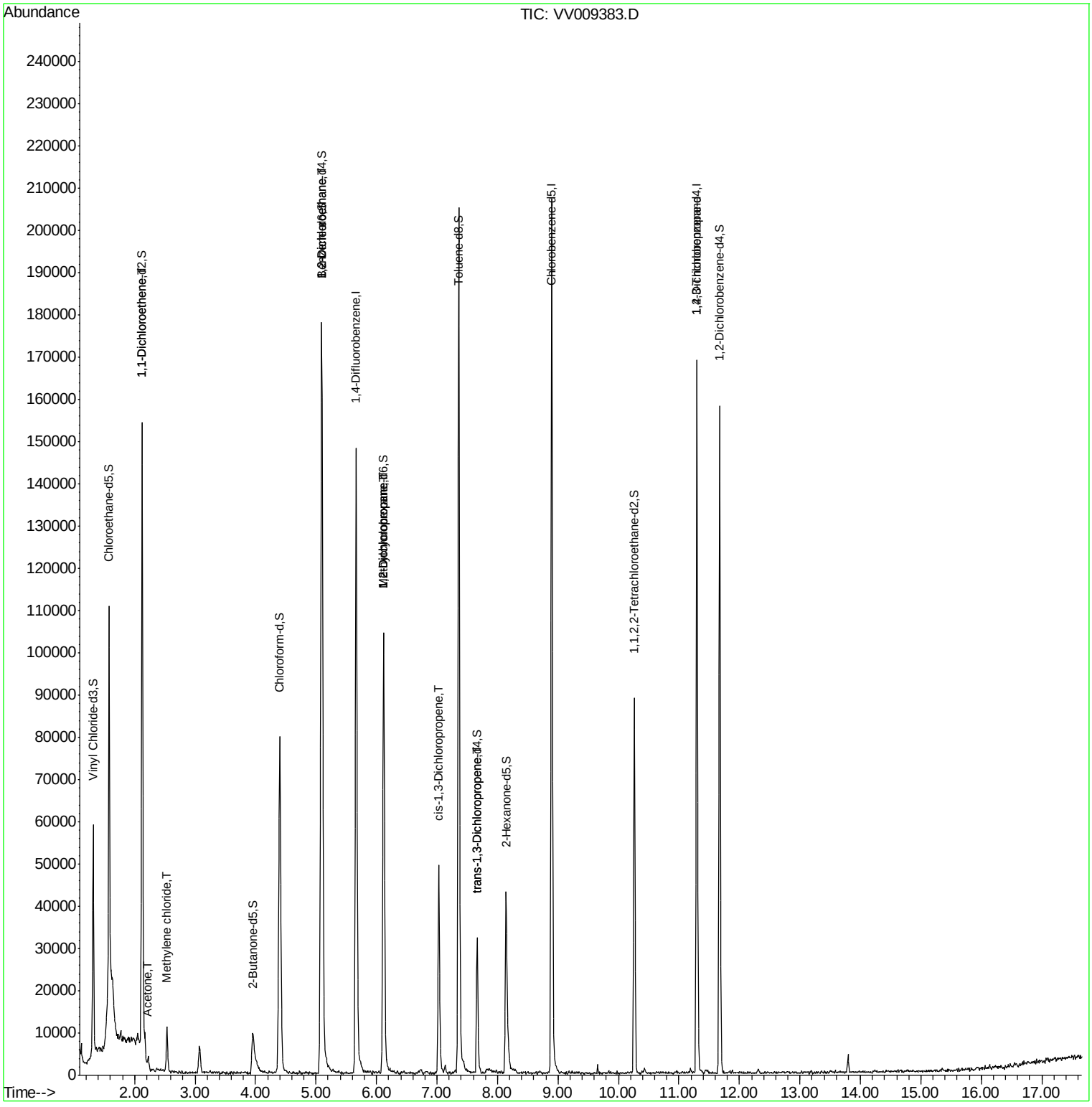
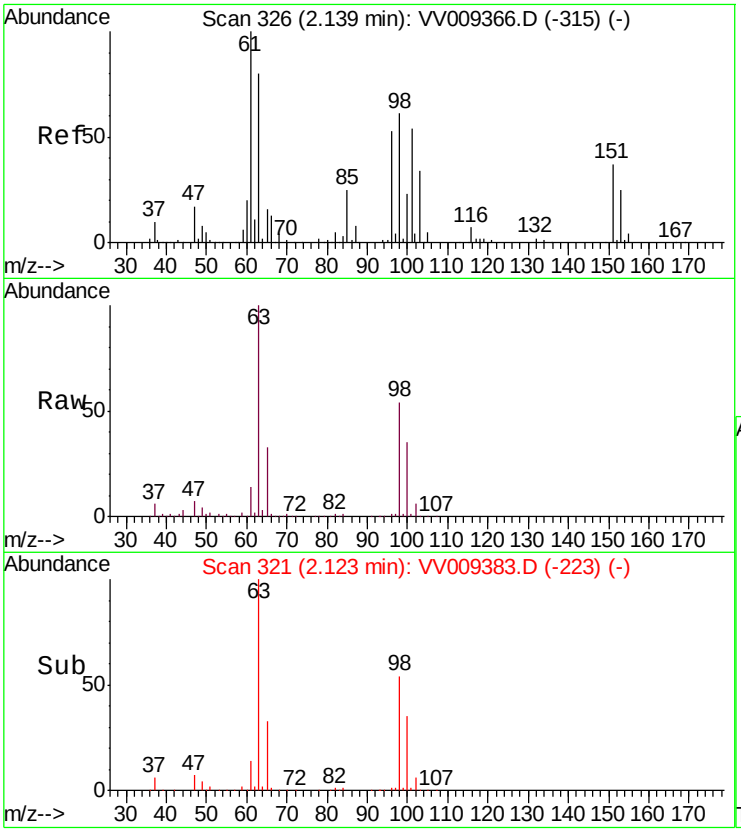
Quant Time: Feb 27 04:49:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration



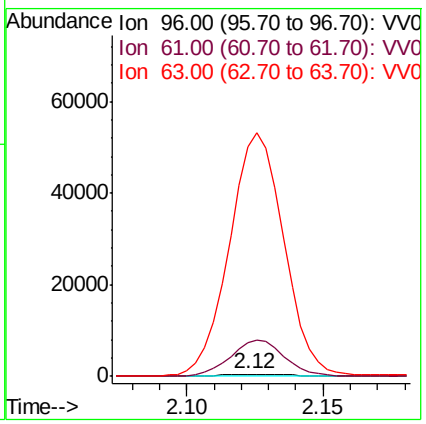


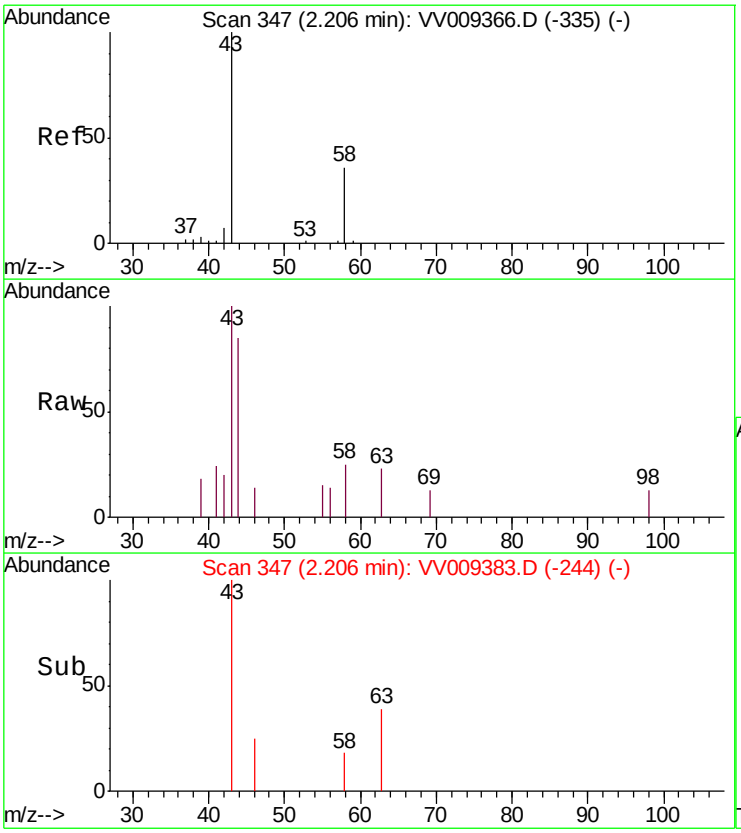
#12
1,1-Dichloroethene
Concen: 0.458 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.02 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Instrument : MSVOA_V
ClientSampleId : BF5J0

Tgt Ion: 96 Resp: 859

Ion	Ratio	Lower	Upper
96	100		
61	1520.6	136.9	254.3#
63	10529.7	108.7	201.9#

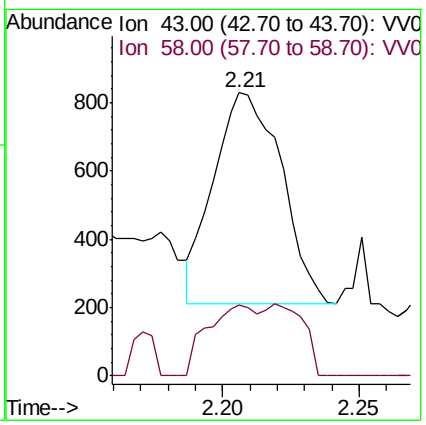


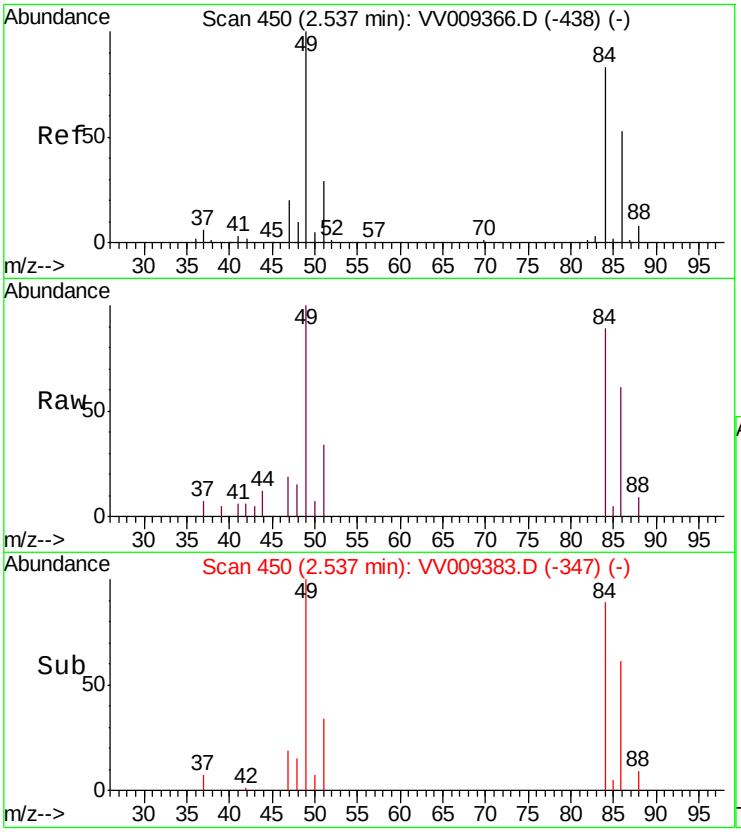


#13
Acetone
Concen: 1.876 ug/L
RT: 2.21 min Scan# 347
Delta R.T. 0.00 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Tgt Ion: 43 Resp: 1062

Ion	Ratio	Lower	Upper
43	100		
58	24.9	0.0	68.8



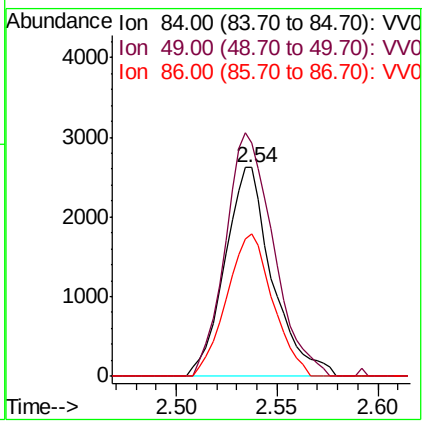


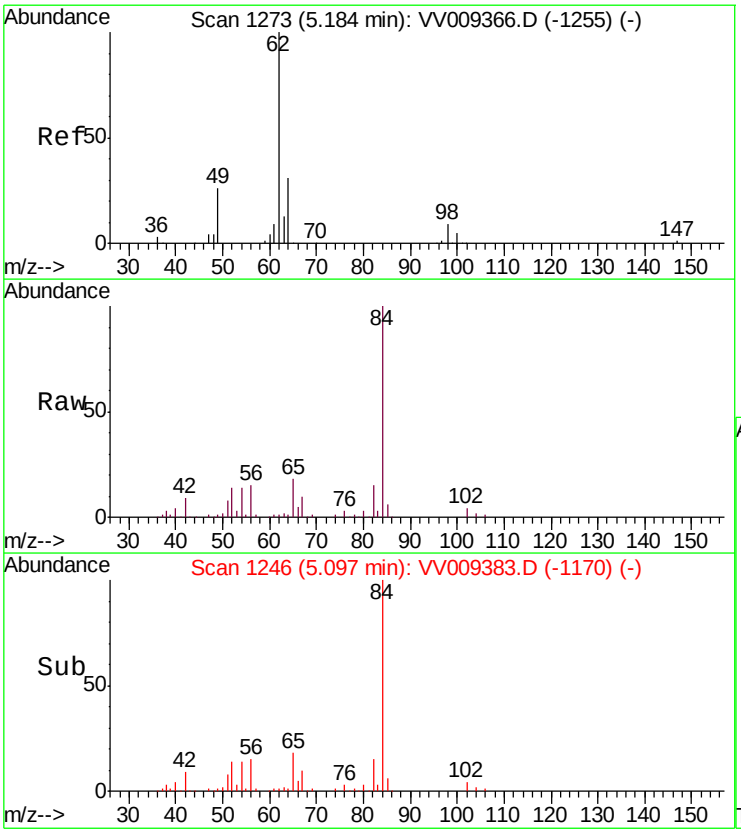
#16
Methylene chloride
Concen: 2.435 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Instrument : MSVOA_V
ClientSampleId : BF5J0

Tgt Ion: 84 Resp: 4308

Ion	Ratio	Lower	Upper
84	100		
49	111.8	84.6	157.0
86	68.4	46.1	85.7

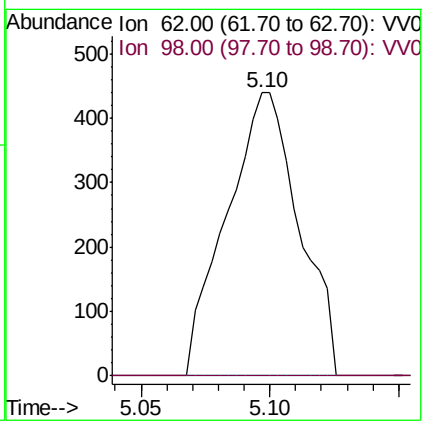


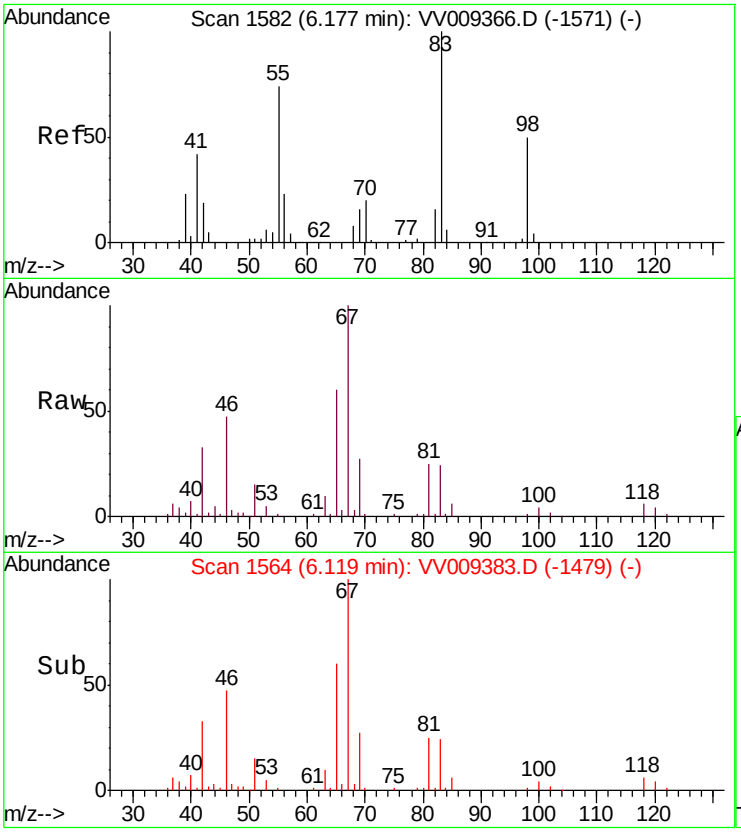


#27
1,2-Dichloroethane
Concen: 0.396 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.09 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Tgt Ion: 62 Resp: 864

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#



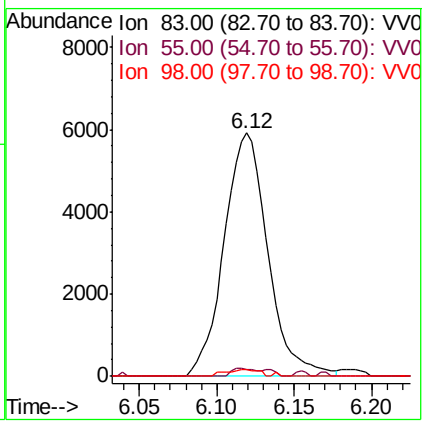


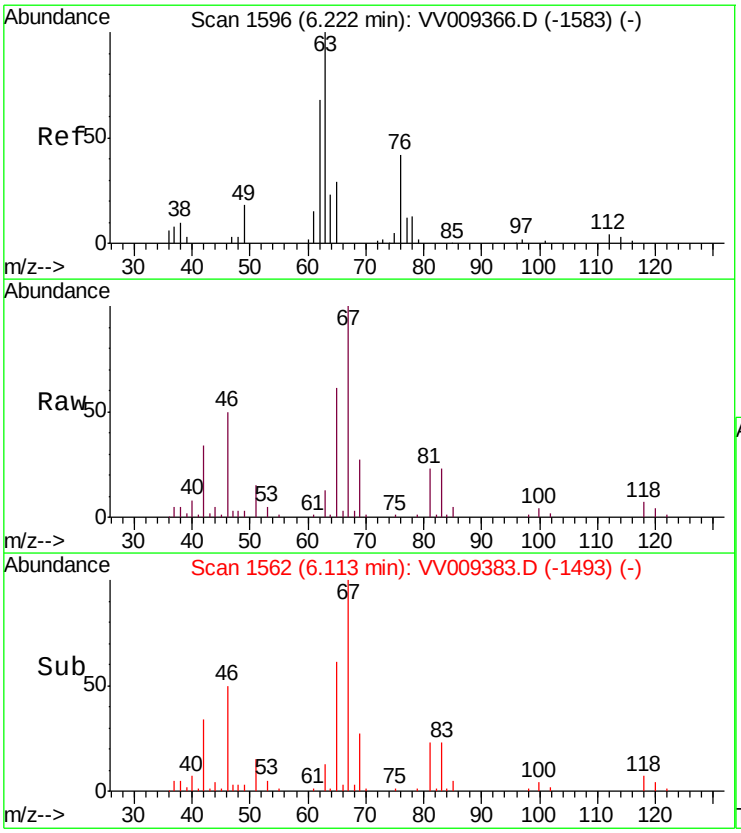
#36
Methylcyclohexane
Concen: 3.868 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Instrument : MSVOA_V
ClientSampleId : BF5J0

Tgt Ion: 83 Resp: 11629

Ion	Ratio	Lower	Upper
83	100		
55	1.9	58.8	88.2#
98	1.0	37.7	56.5#

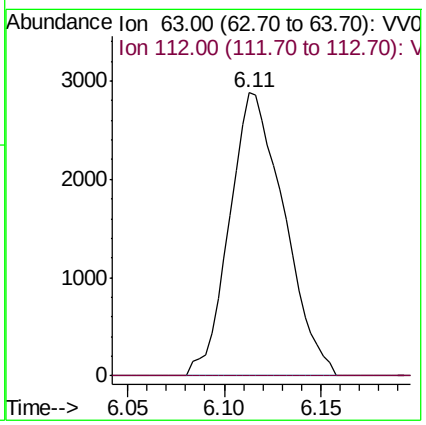


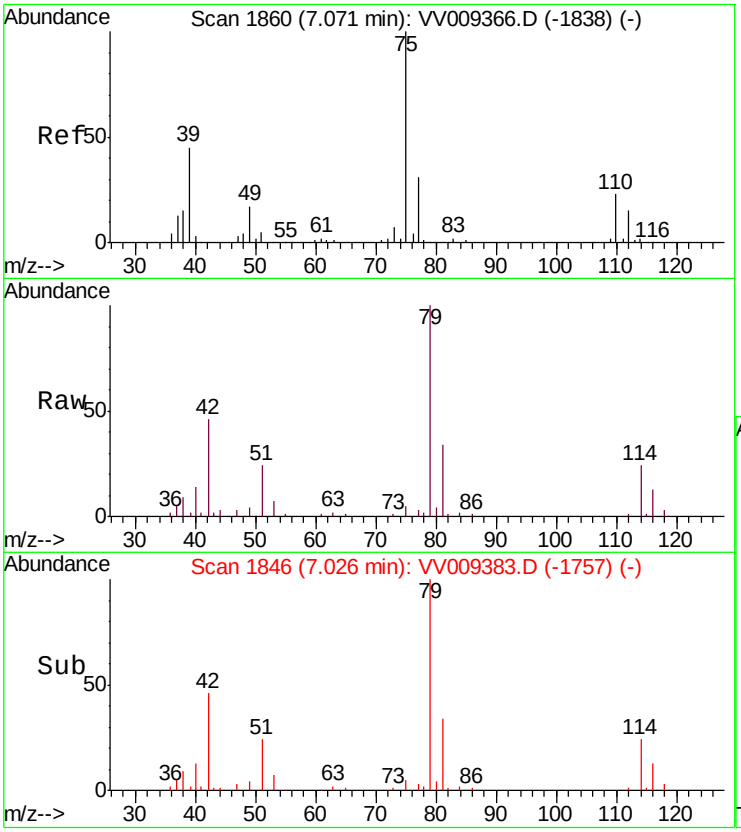


#40
1,2-Dichloropropane
Concen: 3.661 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Tgt Ion: 63 Resp: 5658

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



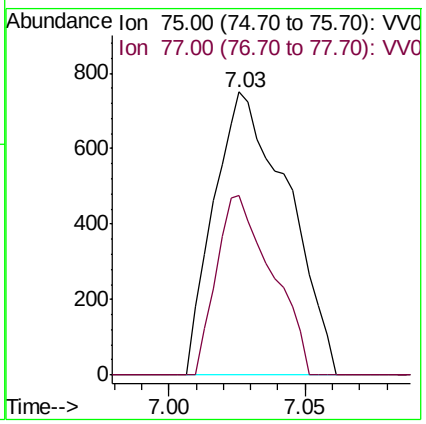


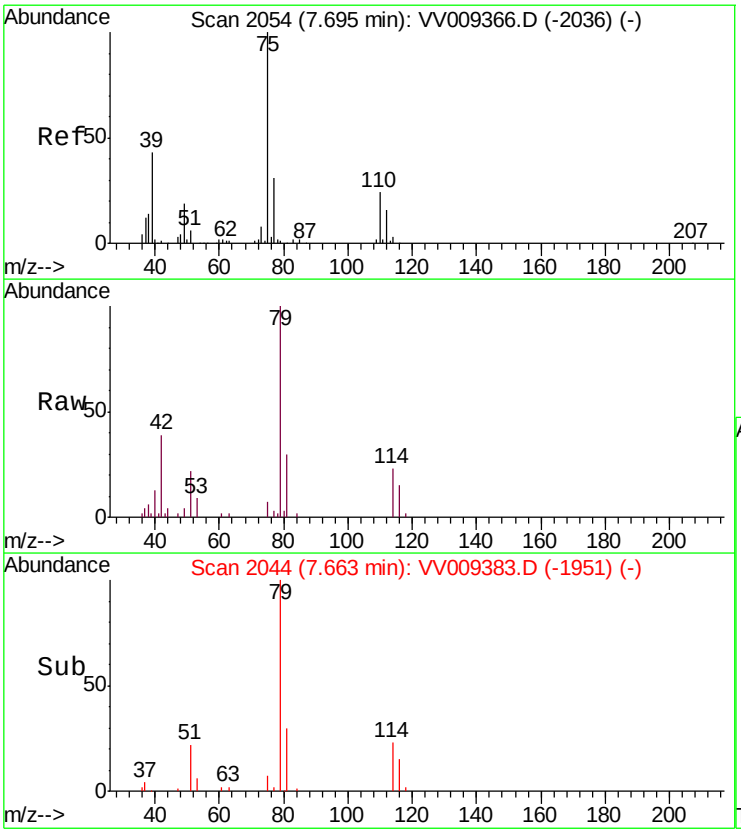
#42
cis-1,3-Dichloropropene
Concen: 0.578 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Instrument : MSVOA_V
ClientSampleId : BF5J0

Tgt Ion: 75 Resp: 1419

Ion	Ratio	Lower	Upper
75	100		
77	63.3	21.4	39.8#

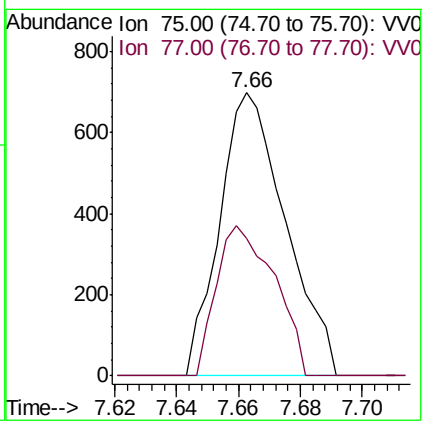


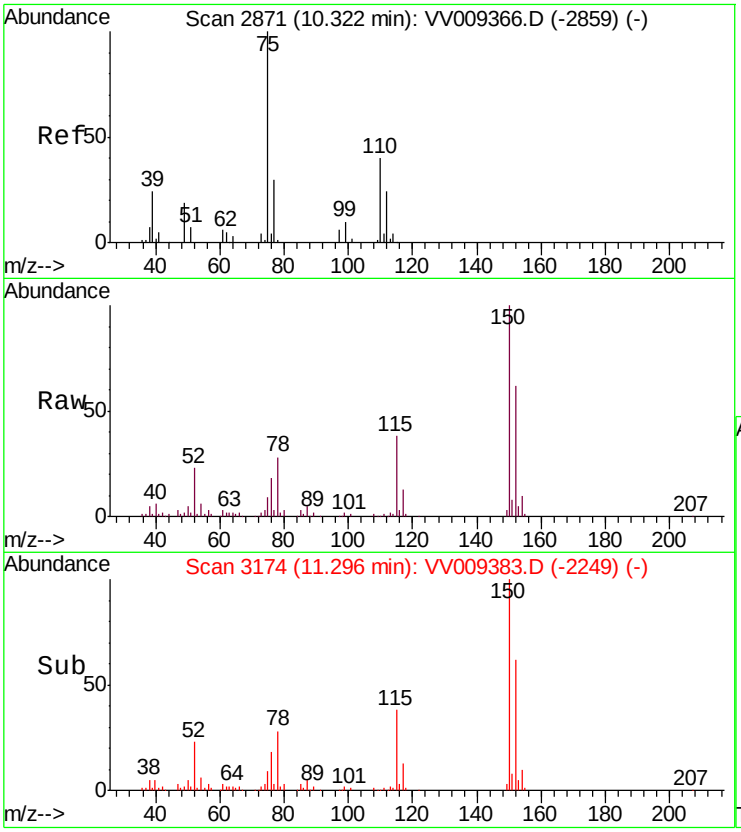


#45
trans-1,3-Dichloropropene
Concen: 0.464 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Tgt Ion: 75 Resp: 1034

Ion	Ratio	Lower	Upper
75	100		
77	48.4	22.5	41.7#





#59
1,2,3-Trichloropropane
Concen: 5.049 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009383.D
Acq: 26 Feb 2019 22:34

Instrument :
MSVOA_V
ClientSampleId :
BF5J0

Tgt Ion: 75 Resp: 6243

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.9	38.9