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

Quantitation Report (Not Reviewed)

Data File : VV009380.D
Acq On : 26 Feb 2019 21:15
Operator : SY/MD
Sample : K1622-02
Misc : 4.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5H7

Quant Time: Feb 27 04:48:54 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	138010	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	121814	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48500	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	33965	19.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.24%			
7) Chloroethane-d5	1.58	69	58143	25.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.00%			
10) 1,1-Dichloroethene-d2	2.13	63	72788	15.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 63.40%			
20) 2-Butanone-d5	3.96	46	19299	36.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.78%			
24) Chloroform-d	4.40	84	78202	23.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.44%			
26) 1,2-Dichloroethane-d4	5.08	65	46363	25.04	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.16%			
29) Benzene-d6	5.10	84	157697	24.35	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.40%			
33) 1,2-Dichloropropane-d6	6.12	67	50834	26.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 107.16%			
37) Toluene-d8	7.36	98	145080	23.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.44%			
38) trans-1,3-Dichloropropene-	7.67	79	20588	21.70	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.80%			
39) 2-Hexanone-d5	8.14	63	17608	43.84	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.68%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44866	24.21	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 96.84%			
61) 1,2-Dichlorobenzene-d4	11.67	152	42004	23.38	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.52%			

Target Compounds						Qvalue
13) Acetone	2.21	43	2214	3.702	ug/L	98
16) Methylene chloride	2.53	84	4774	2.554	ug/L	88
40) 1,2-Dichloropropane	6.12	63	5727	3.394	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	1786	0.666	ug/L #	66
45) trans-1,3-Dichloropropene	7.67	75	1182	0.486	ug/L #	77
49) 2-Hexanone	8.18	43	3339	3.315	ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	7223	5.351	ug/L	95

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

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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5H7

Quant Time: Feb 27 04:48:54 2019
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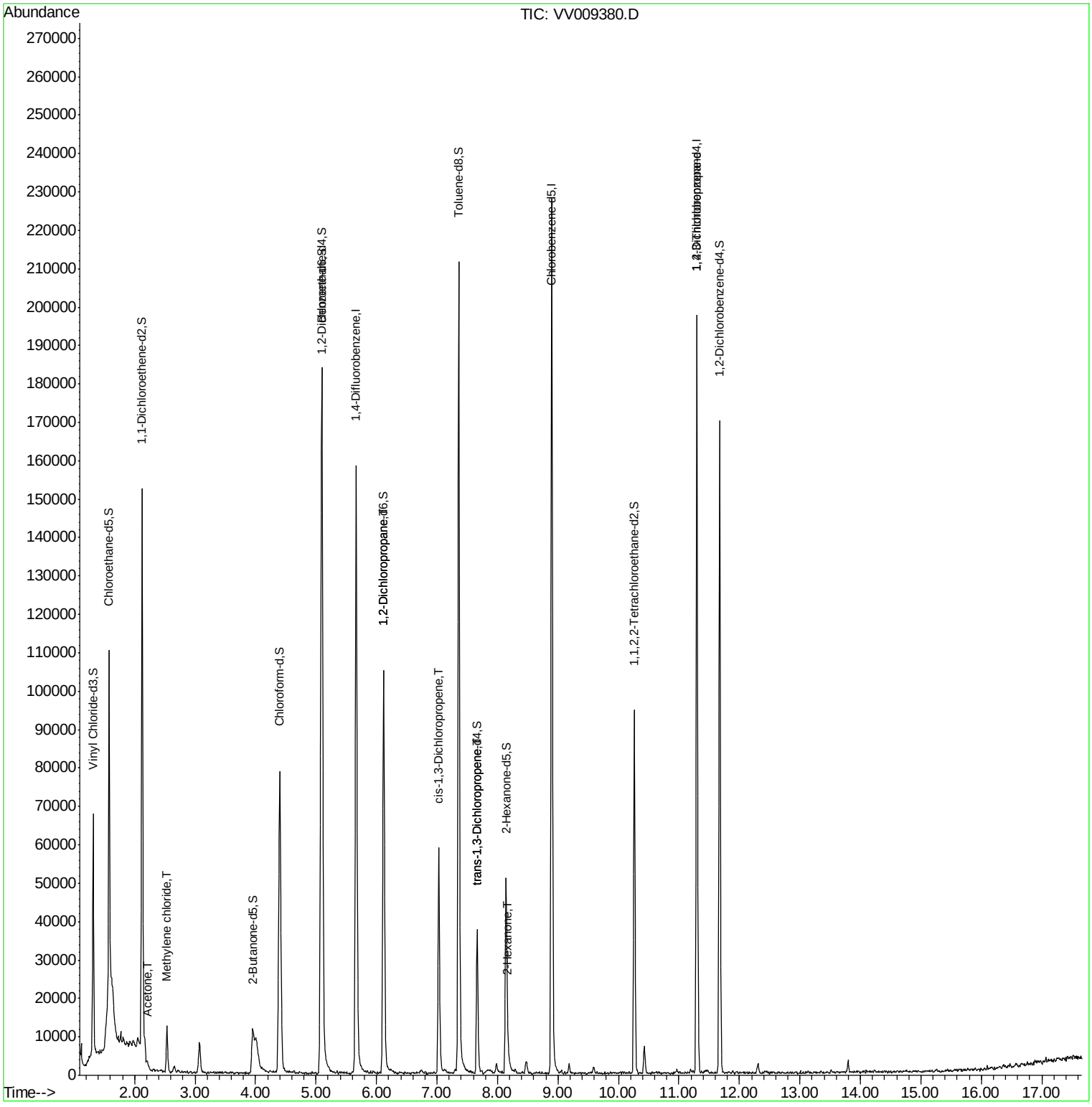
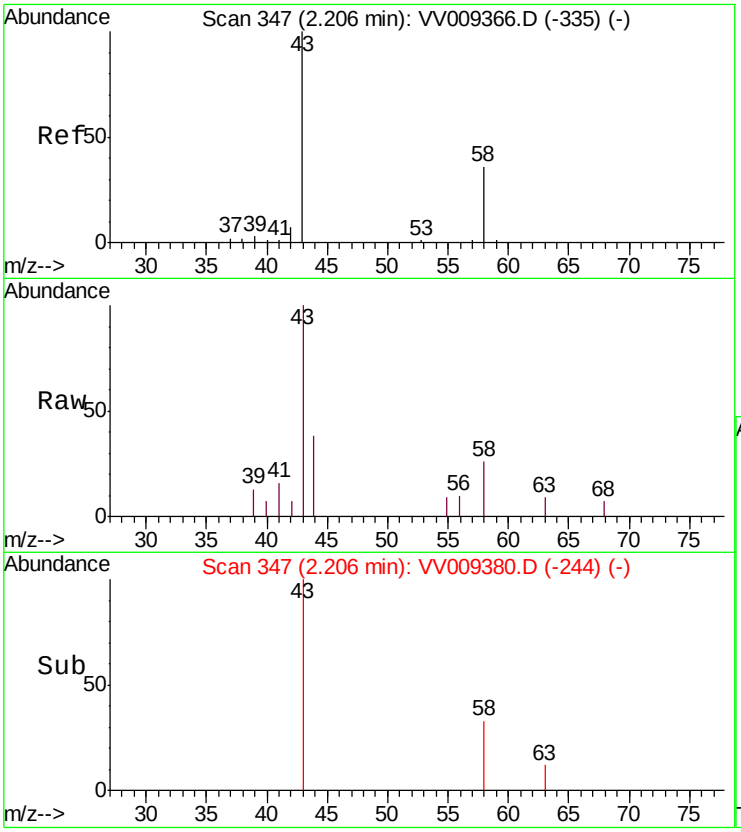
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration



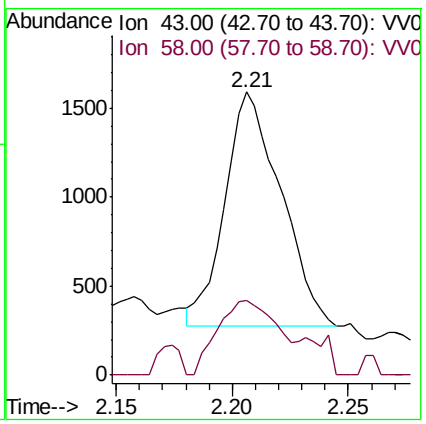


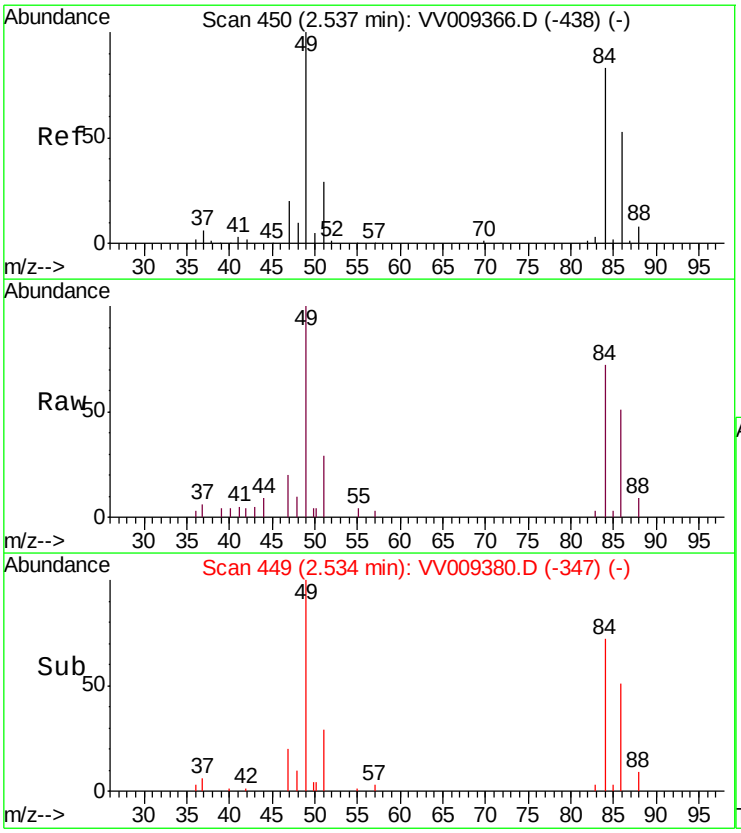
#13
Acetone
Concen: 3.702 ug/L
RT: 2.21 min Scan# 347
Delta R.T. -0.00 min
Lab File: VV009380.D
Acq: 26 Feb 2019 21:15

Instrument :
MSVOA_V
ClientSampleId :
BF5H7

Tgt Ion: 43 Resp: 2214

Ion	Ratio	Lower	Upper
43	100		
58	33.5	0.0	68.8

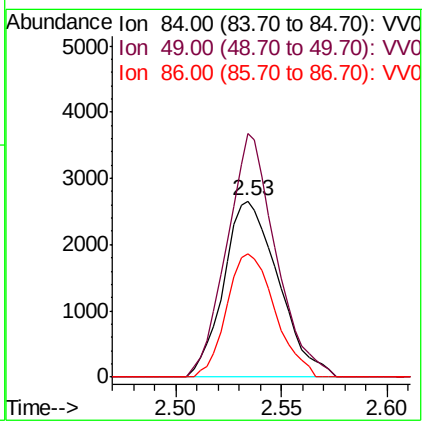


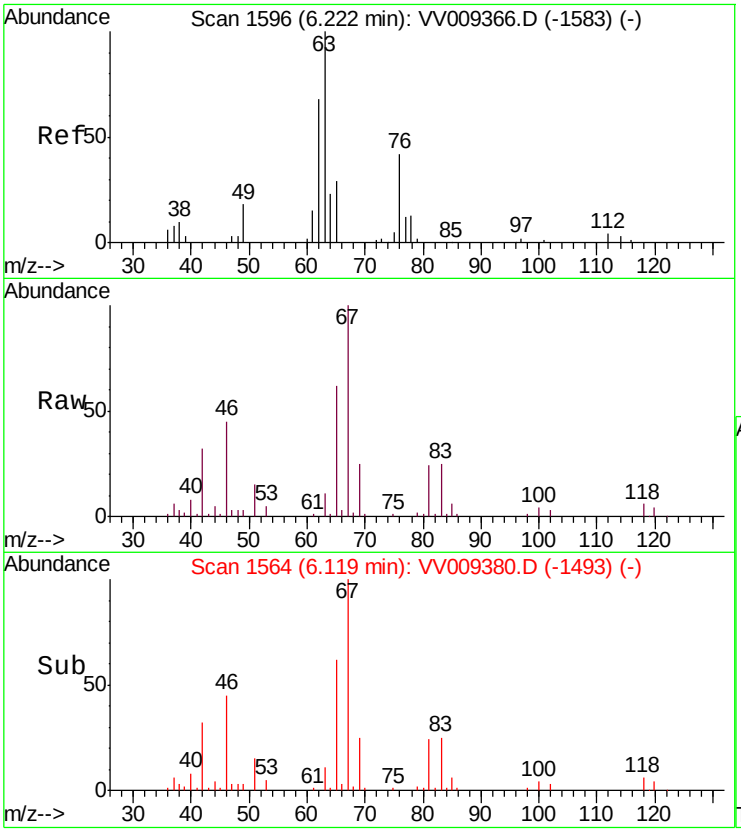


#16
Methylene chloride
Concen: 2.554 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009380.D
Acq: 26 Feb 2019 21:15

Tgt Ion: 84 Resp: 4774

Ion	Ratio	Lower	Upper
84	100		
49	138.1	84.6	157.0
86	70.2	46.1	85.7



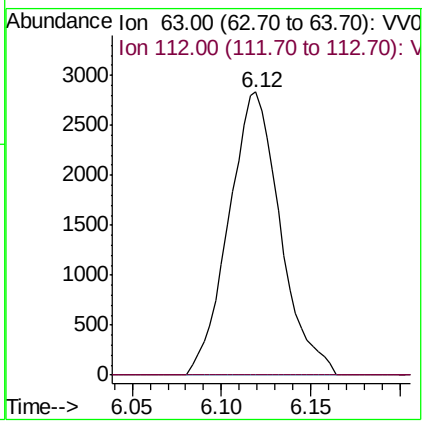


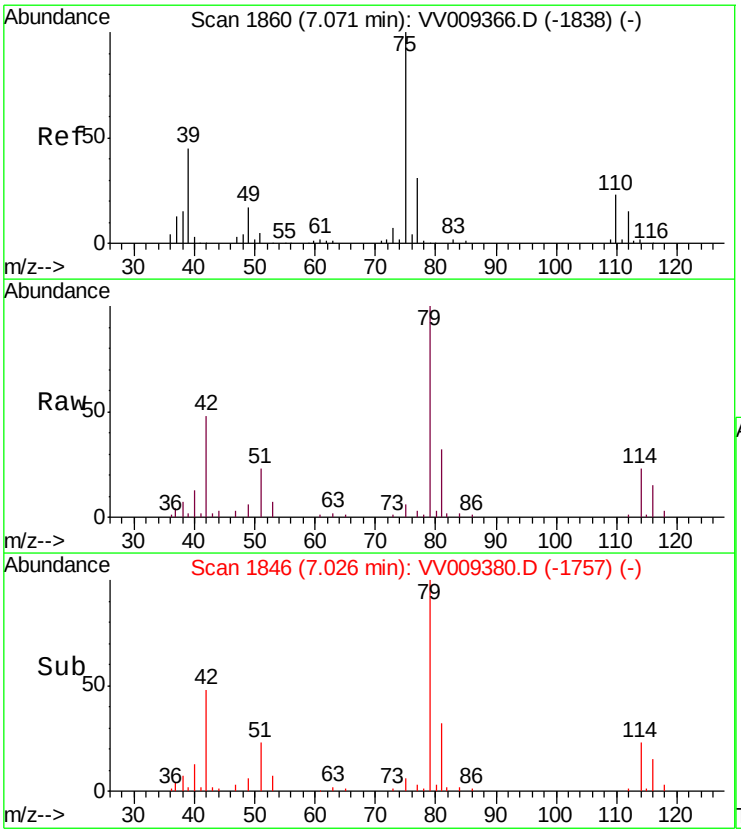
#40
1,2-Dichloropropane
Concen: 3.394 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009380.D
Acq: 26 Feb 2019 21:15

Instrument : MSVOA_V
ClientSampleId : BF5H7

Tgt Ion: 63 Resp: 5727

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

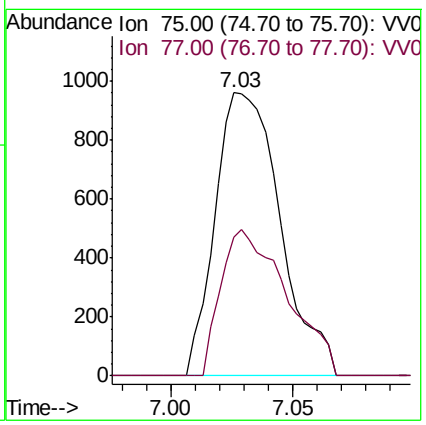


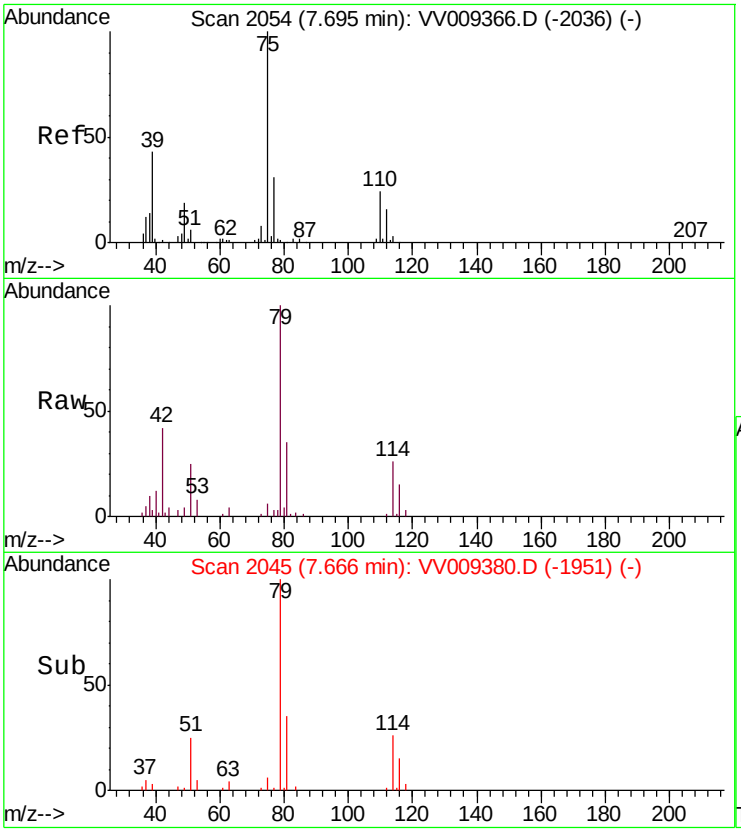


#42
cis-1,3-Dichloropropene
Concen: 0.666 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV009380.D
Acq: 26 Feb 2019 21:15

Tgt Ion: 75 Resp: 1786

Ion	Ratio	Lower	Upper
75	100		
77	49.0	21.4	39.8#



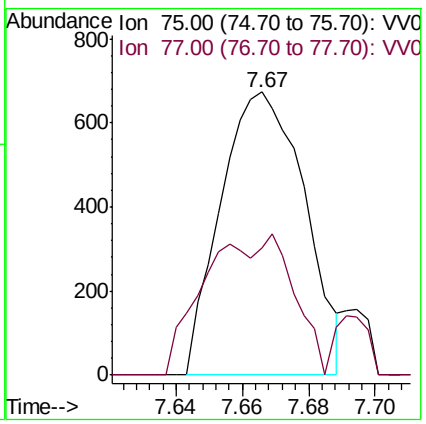


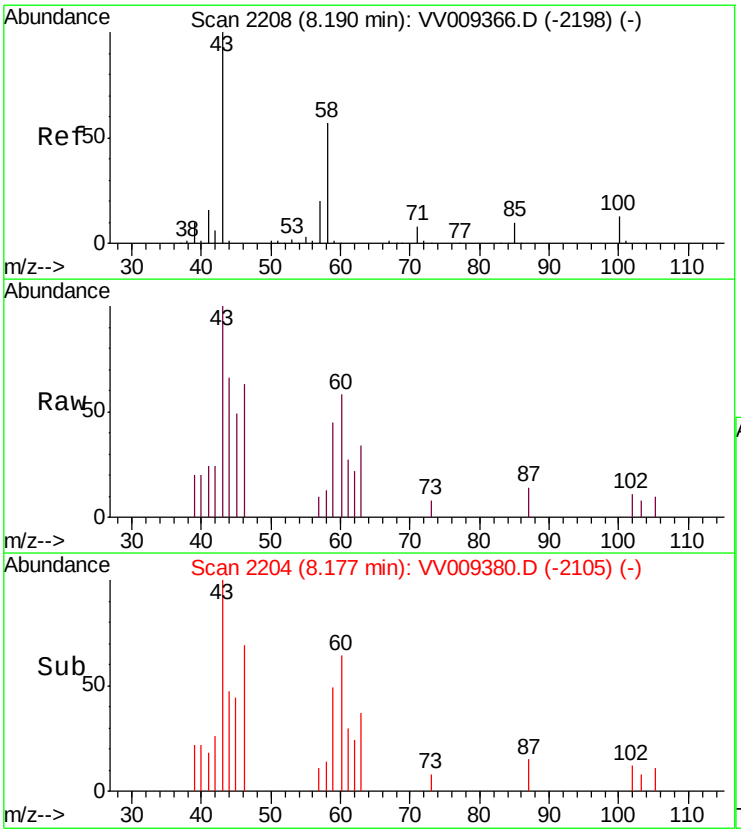
#45
trans-1,3-Dichloropropene
Concen: 0.486 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV009380.D
Acq: 26 Feb 2019 21:15

Instrument :
MSVOA_V
ClientSampleId :
BF5H7

Tgt Ion: 75 Resp: 1182

Ion	Ratio	Lower	Upper
75	100		
77	45.2	22.5	41.7#

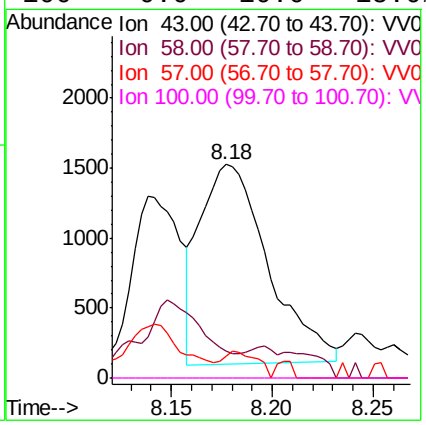


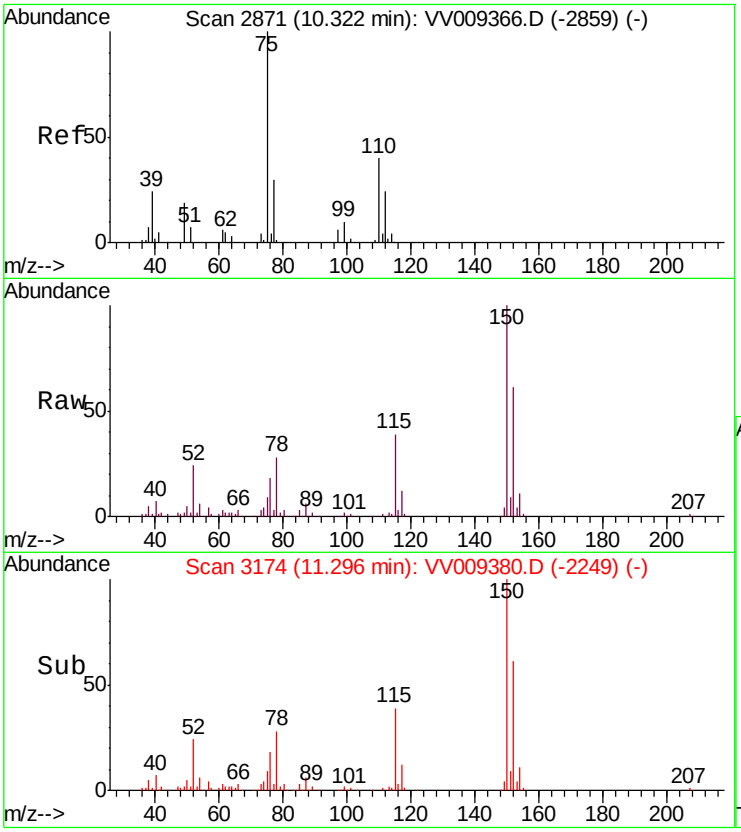


#49
2-Hexanone
Concen: 3.315 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VV009380.D
Acq: 26 Feb 2019 21:15

Tgt Ion: 43 Resp: 3339

Ion	Ratio	Lower	Upper
43	100		
58	0.0	46.3	69.5#
57	6.9	15.8	23.6#
100	0.0	10.0	15.0#





#59
1,2,3-Trichloropropane
Concen: 5.351 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009380.D
Acq: 26 Feb 2019 21:15

Instrument :
MSVOA_V
ClientSampleId :
BF5H7

Tgt Ion: 75 Resp: 7223

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.9	38.9