Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009177.D
Acq On : 04 Jan 2019 23:36
Operator : SY/MD
Sample : K1051-09
Misc : 7.18 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BE9X7

Quant Time: Jan 05 05:04:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	202237	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184756	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	92287	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	26377	19.07	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.28%			
7) Chloroethane-d5	1.58	69	29841	22.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.96%			
10) 1,1-Dichloroethene-d2	2.13	63	65529	14.17	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 56.68%			
20) 2-Butanone-d5	3.96	46	33279	34.20	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 68.40%			
24) Chloroform-d	4.40	84	95477	22.42	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.68%			
26) 1,2-Dichloroethane-d4	5.08	65	54378	23.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.48%			
29) Benzene-d6	5.10	84	185453	22.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 90.12%			
33) 1,2-Dichloropropane-d6	6.12	67	56464	23.92	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.68%			
37) Toluene-d8	7.36	98	166782	21.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.92%			
38) trans-1,3-Dichloropropene-	7.67	79	23465	20.95	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.80%			
39) 2-Hexanone-d5	8.14	63	20031	35.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 71.92%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56796	21.90	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 87.60%			
61) 1,2-Dichlorobenzene-d4	11.68	152	72844	23.35	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.40%			
Target Compounds						Qvalue
6) Bromomethane	1.54	94	580	0.349	ug/L	73
13) Acetone	2.22	43	9509	6.895	ug/L	98
15) Methyl Acetate	2.47	43	835	0.489	ug/L #	61
16) Methylene chloride	2.54	84	15896	5.261	ug/L	98
35) Trichloroethene	5.96	95	1251	0.437	ug/L #	71
40) 1,2-Dichloropropane	6.12	63	6338	2.648	ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1718	0.453	ug/L #	68
44) Toluene	7.44	91	6394	0.597	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	9700	4.281	ug/L	92

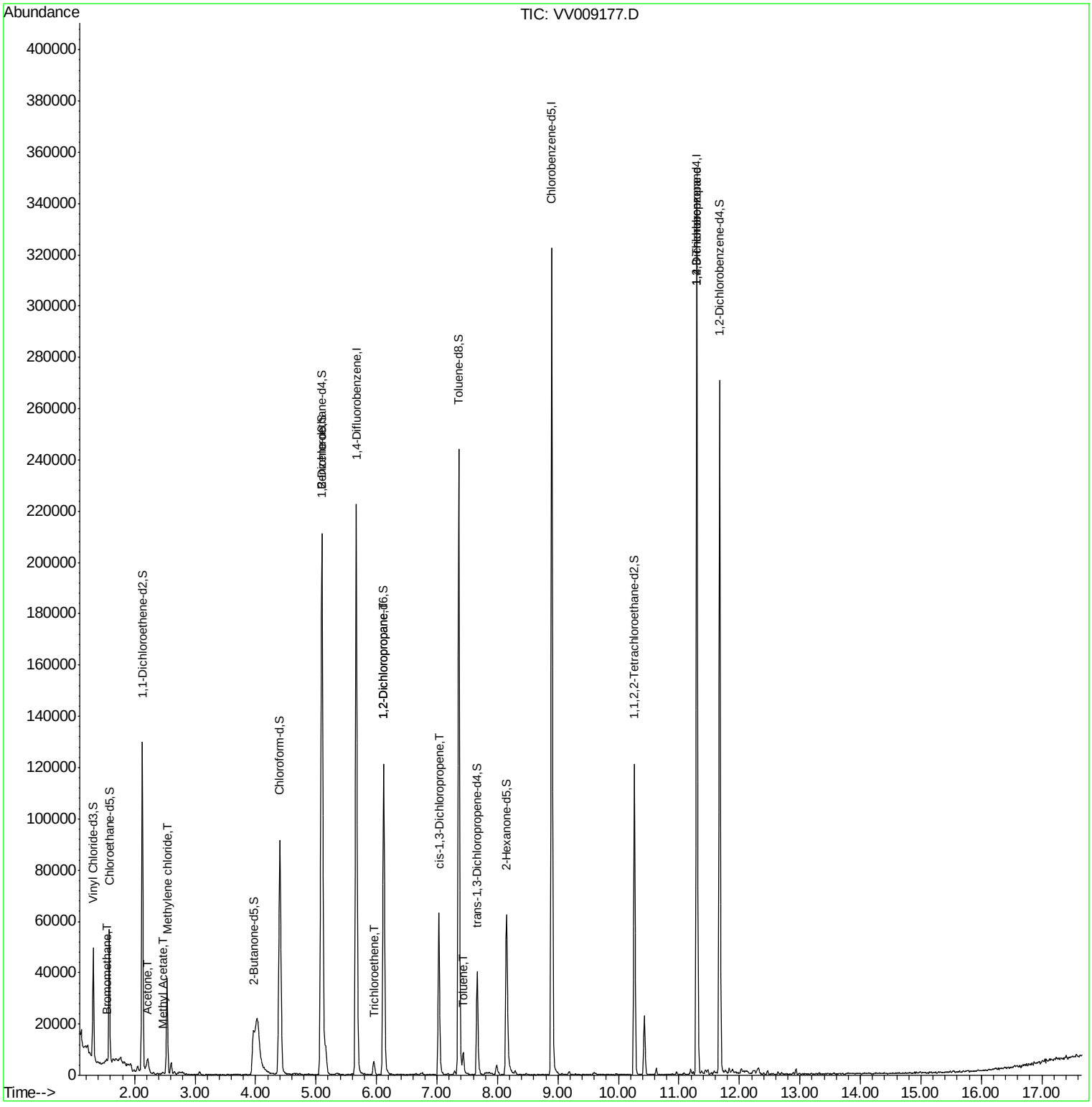
(#) = qualifier out of range (m) = manual integration (+) = signals summed

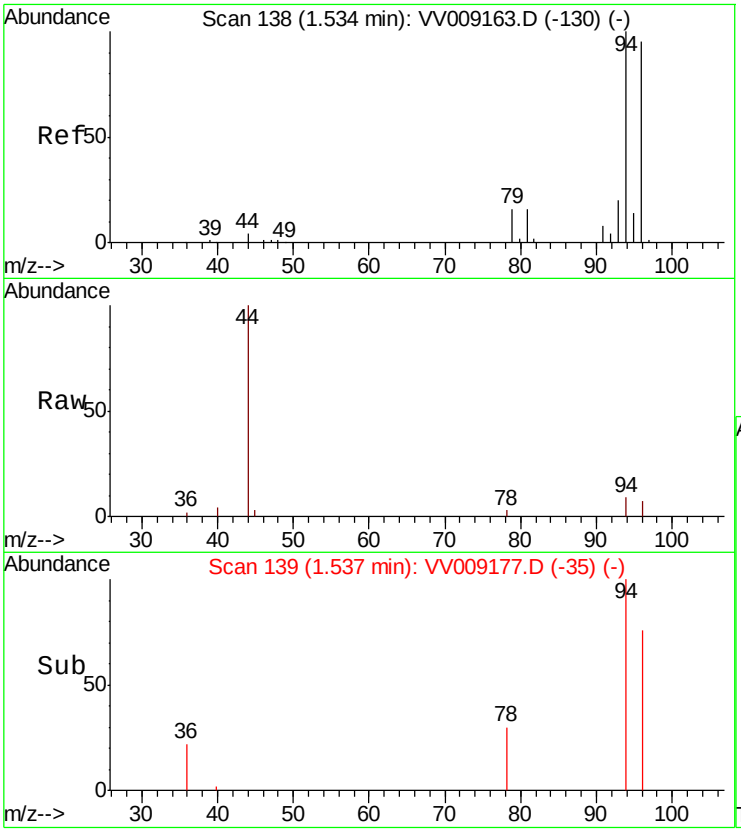
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
Data File : VV009177.D
Acq On : 04 Jan 2019 23:36
Operator : SY/MD
Sample : K1051-09
Misc : 7.18 G/10ML/MSVOA_V/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9X7

Quant Time: Jan 05 05:04:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration



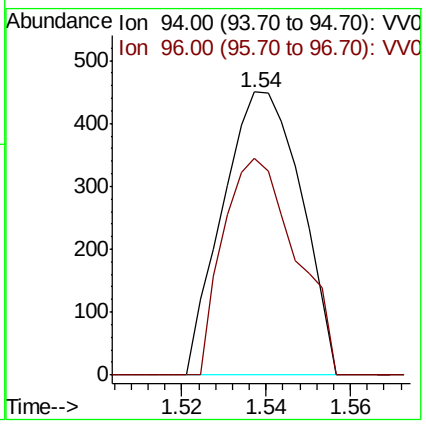


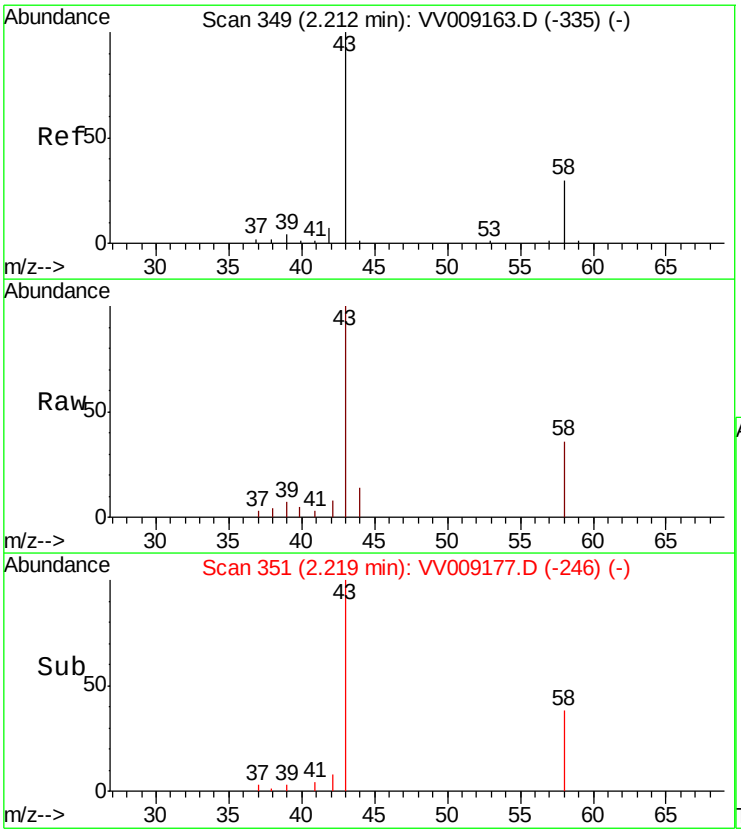
#6
Bromomethane
Concen: 0.349 ug/L
RT: 1.54 min Scan# 139
Delta R.T. 0.00 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Instrument : MSVOA_V
ClientSampleId : BE9X7

Tgt Ion: 94 Resp: 580

Ion	Ratio	Lower	Upper
94	100		
96	71.0	9.7	185.1

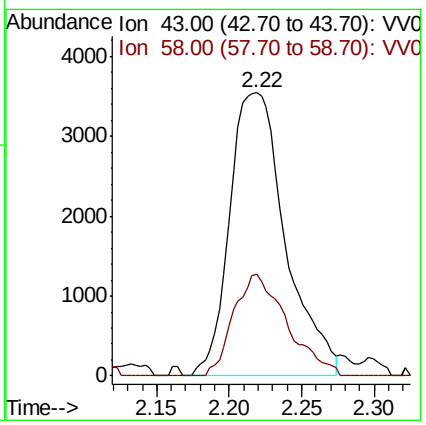


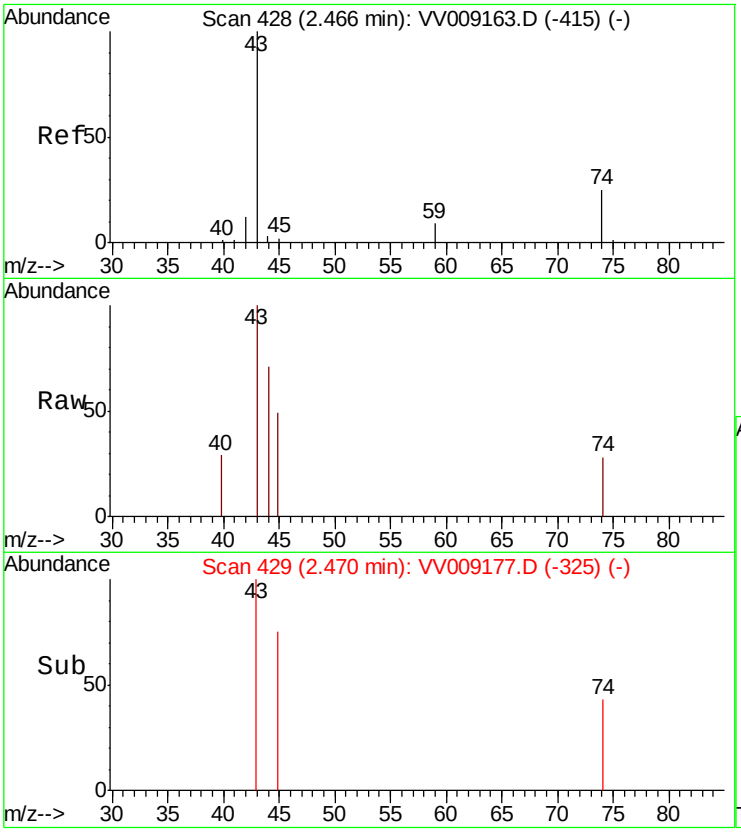


#13
Acetone
Concen: 6.895 ug/L
RT: 2.22 min Scan# 351
Delta R.T. 0.01 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Tgt Ion: 43 Resp: 9509

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	67.0



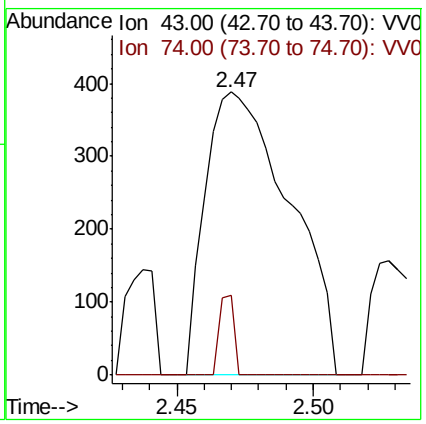


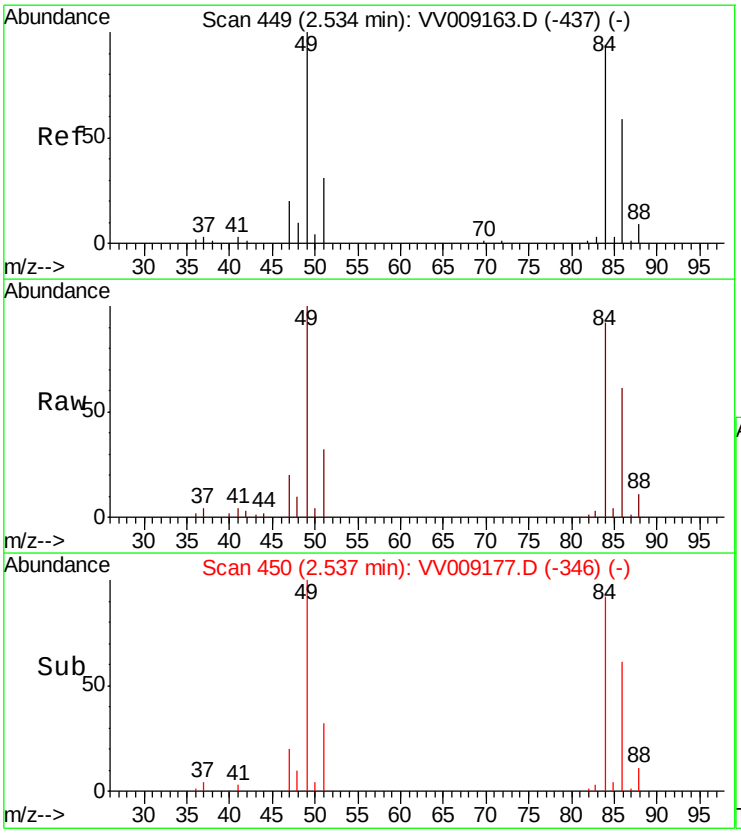
#15
Methyl Acetate
Concen: 0.489 ug/L
RT: 2.47 min Scan# 429
Delta R.T. 0.00 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
BE9X7

Tgt Ion: 43 Resp: 835

Ion	Ratio	Lower	Upper
43	100		
74	4.9	19.4	29.0#

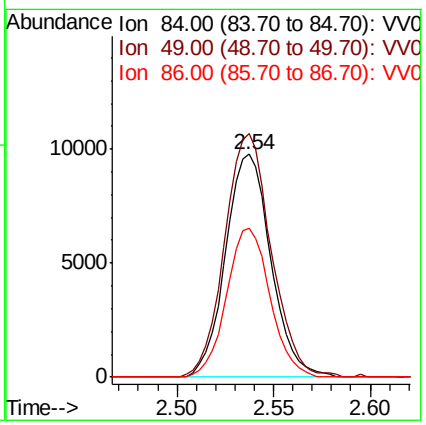


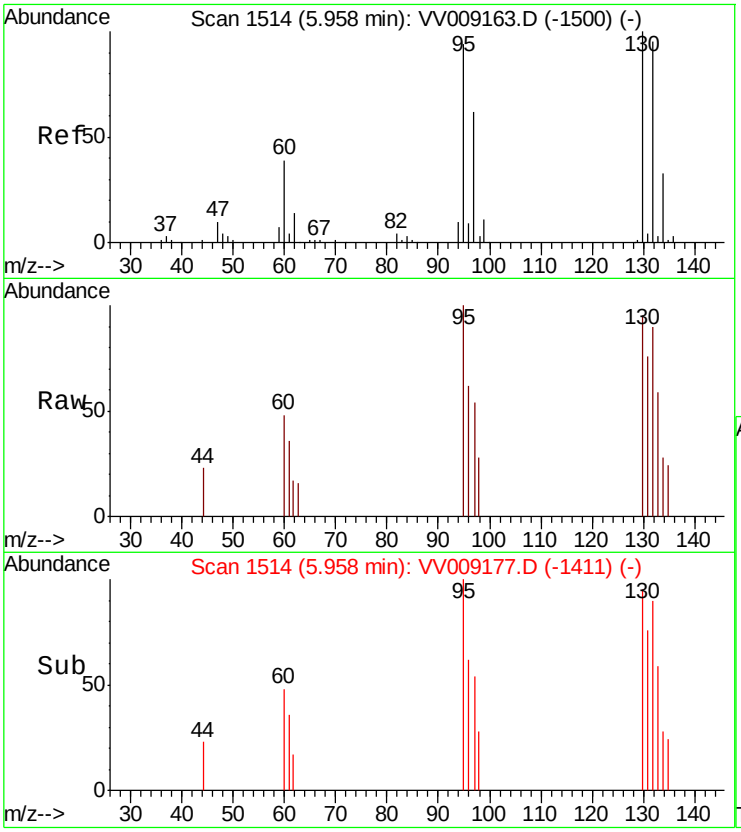


#16
Methylene chloride
Concen: 5.261 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Tgt Ion: 84 Resp: 15896

Ion	Ratio	Lower	Upper
84	100		
49	109.2	77.6	144.2
86	66.6	47.4	88.0



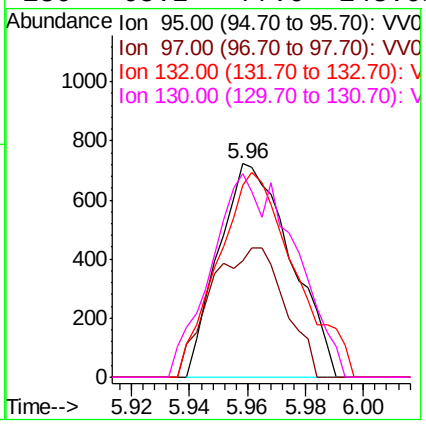


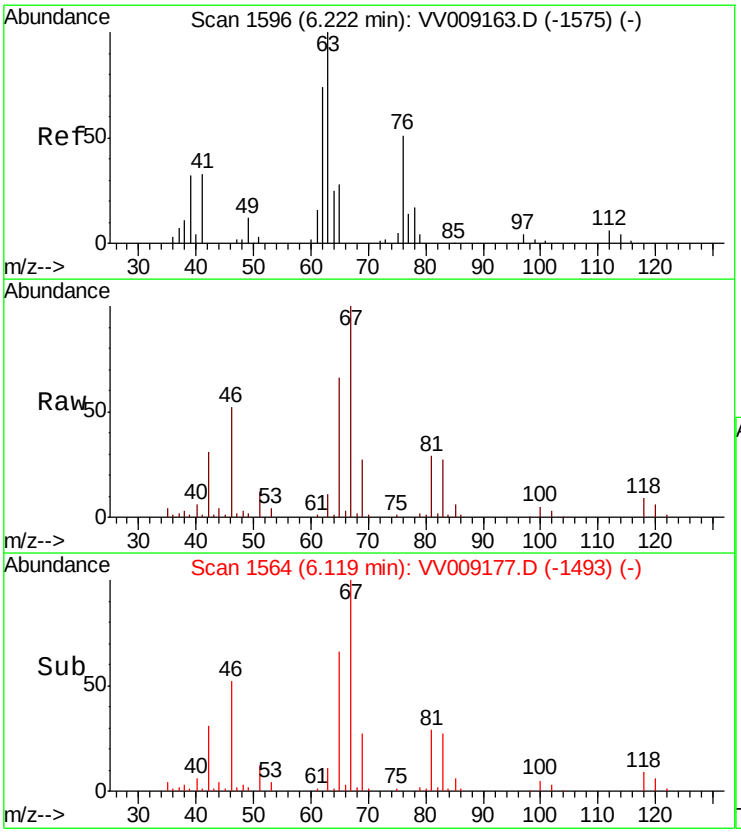
#35
Trichloroethene
Concen: 0.437 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Instrument : MSVOA_V
ClientSampleId : BE9X7

Tgt Ion: 95 Resp: 1251

Ion	Ratio	Lower	Upper
95	100		
97	37.4	46.2	85.8#
132	95.3	73.9	137.3
130	65.2	77.0	143.0#

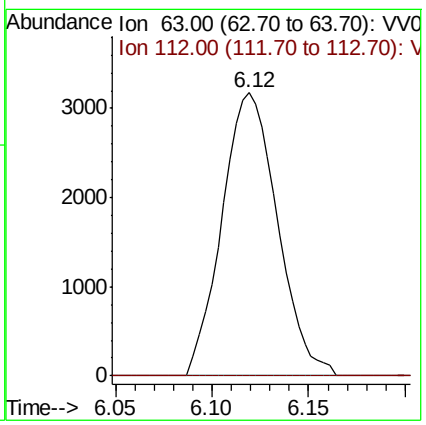


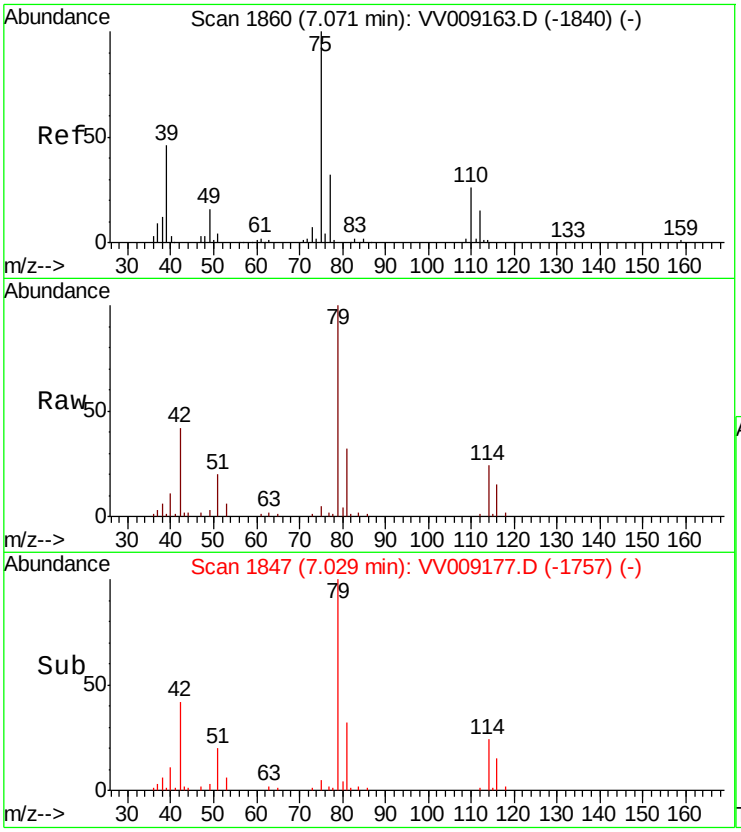


#40
1,2-Dichloropropane
Concen: 2.648 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Tgt Ion: 63 Resp: 6338

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#



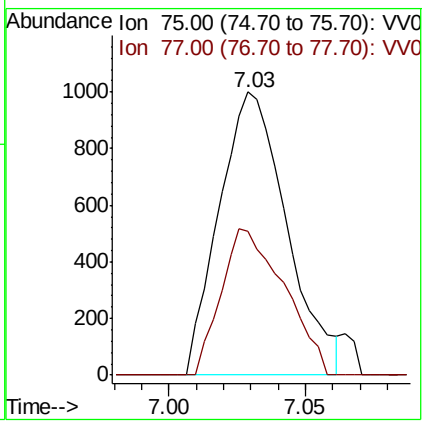


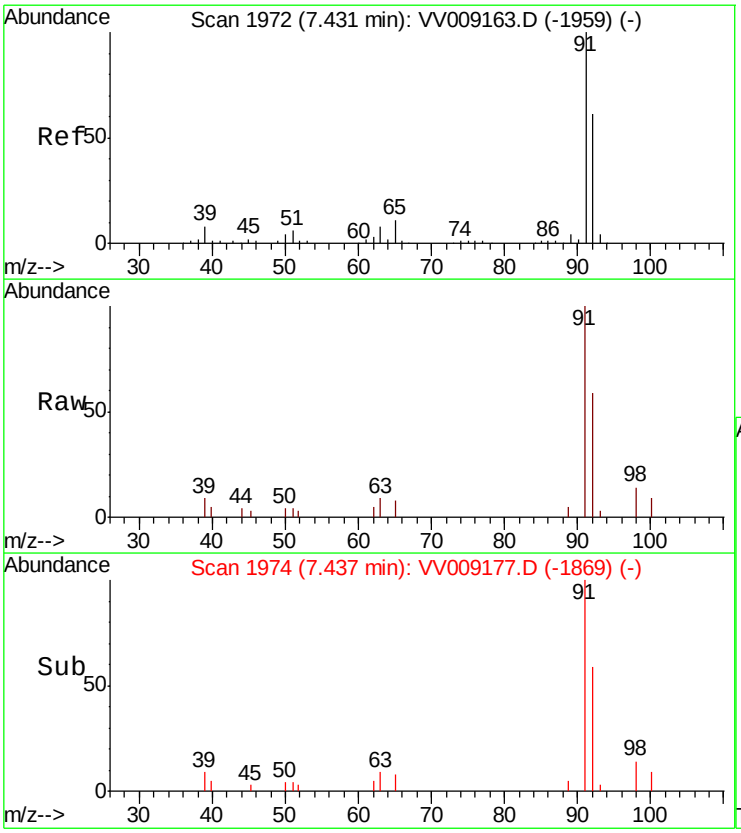
#42
cis-1,3-Dichloropropene
Concen: 0.453 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
BE9X7

Tgt Ion: 75 Resp: 1718

Ion	Ratio	Lower	Upper
75	100		
77	50.8	22.8	42.4#

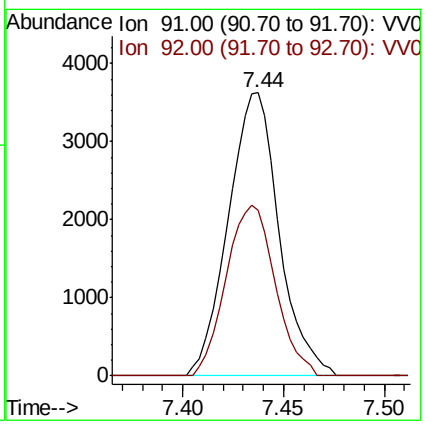


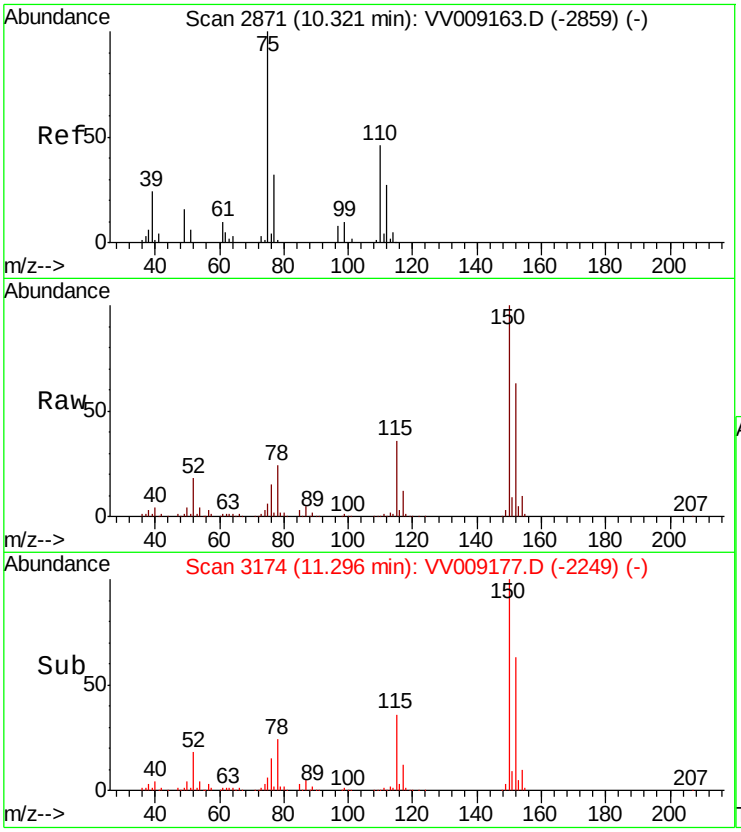


#44
Toluene
Concen: 0.597 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Tgt Ion: 91 Resp: 6394

Ion	Ratio	Lower	Upper
91	100		
92	58.7	41.7	77.5





#59
1,2,3-Trichloropropane
Concen: 4.281 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009177.D
Acq: 04 Jan 2019 23:36

Instrument :
MSVOA_V
ClientSampleId :
BE9X7

Tgt Ion: 75 Resp: 9700

Ion	Ratio	Lower	Upper
75	100		
77	35.9	25.0	37.6