Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121818\

Quantitation Report (Not Reviewed)

Data File : VV009013.D
Acq On : 18 Dec 2018 15:10
Operator : SY/MD
Sample : J6418-02
Misc : 4.13G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEZZ0

Quant Time: Dec 19 06:21:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268431	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243927	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101128	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	72193	25.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.96%			
7) Chloroethane-d5	1.58	69	70371	34.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 137.16%			
10) 1,1-Dichloroethene-d2	2.13	63	189441	27.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 109.12%			
20) 2-Butanone-d5	3.94	46	39808	39.36	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 78.72%			
24) Chloroform-d	4.40	84	170853	26.48	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.92%			
26) 1,2-Dichloroethane-d4	5.08	65	99246	28.18	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.72%			
29) Benzene-d6	5.10	84	352136	25.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 103.40%			
33) 1,2-Dichloropropane-d6	6.12	67	104537	27.41	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 109.64%			
37) Toluene-d8	7.36	98	323670	25.67	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.68%			
38) trans-1,3-Dichloropropene-	7.67	79	43344	25.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 103.48%			
39) 2-Hexanone-d5	8.14	63	23529	33.67	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 67.34%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	69021	21.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.28%			
61) 1,2-Dichlorobenzene-d4	11.68	152	97985	25.82	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.28%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	1155	0.382	ug/L	91
13) Acetone	2.20	43	4271	2.866	ug/L	61
16) Methylene chloride	2.53	84	4081	0.903	ug/L	95
25) Chloroform	4.42	83	3323	0.511	ug/L	90
42) cis-1,3-Dichloropropene	7.03	75	3087	0.601	ug/L #	66
45) trans-1,3-Dichloropropene	7.66	75	2311	0.516	ug/L	94
49) 2-Hexanone	8.19	43	3581	1.826	ug/L #	80
59) 1,2,3-Trichloropropane	11.30	75	10518	3.848	ug/L	90
68) 1,2,4-trichlorobenzene	13.31	180	636	0.193	ug/L #	88
69) Naphthalene	13.56	128	1571	0.277	ug/L #	73

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

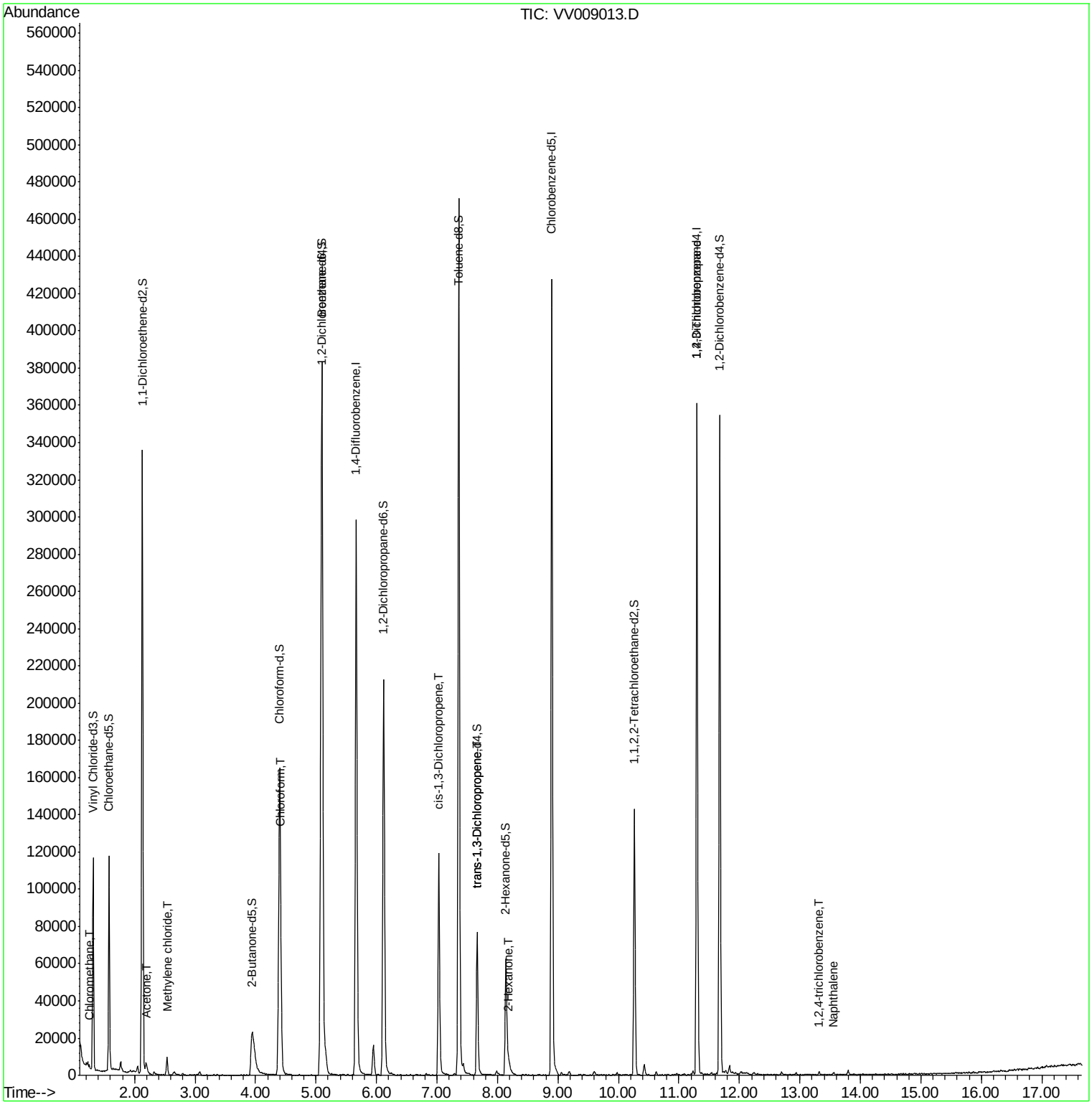
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121818\

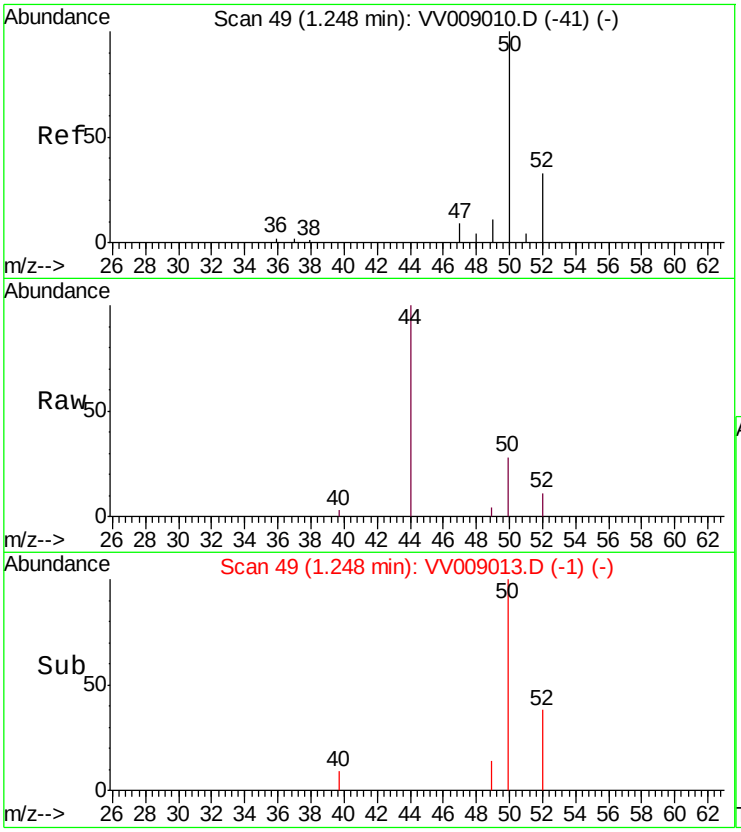
Quantitation Report (Not Reviewed)

Data File : VV009013.D
Acq On : 18 Dec 2018 15:10
Operator : SY/MD
Sample : J6418-02
Misc : 4.13G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BEZZ0

Quant Time: Dec 19 06:21:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 19 06:18:48 2018
Response via : Initial Calibration



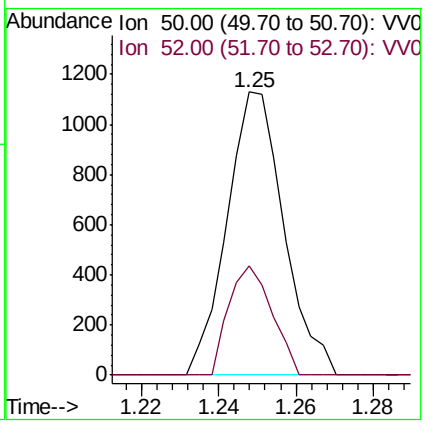


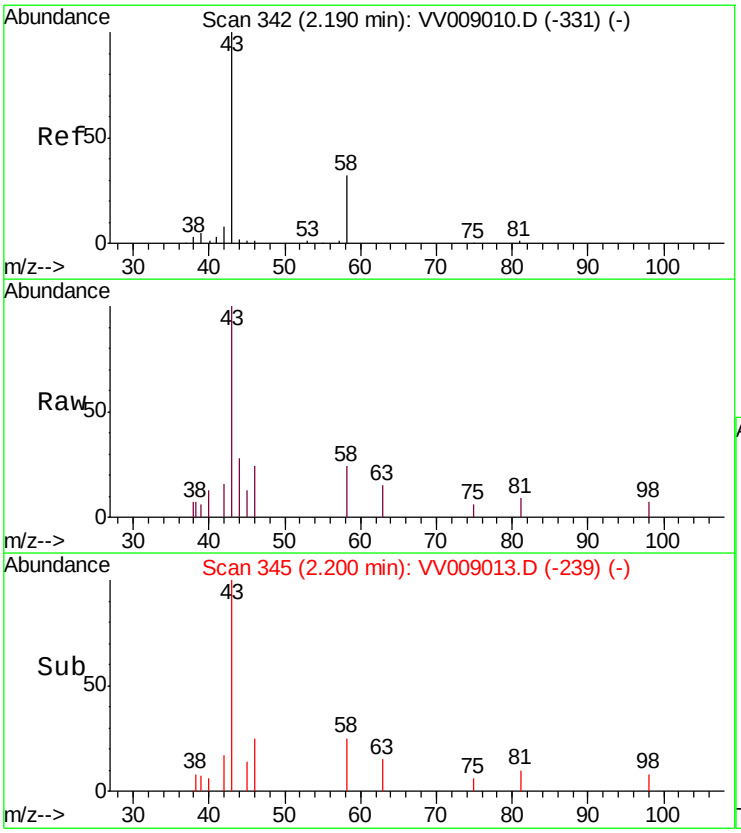
#3
Chloromethane
Concen: 0.382 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Instrument : MSVOA_V
ClientSampleId : BEZZ0

Tgt Ion: 50 Resp: 1155

Ion	Ratio	Lower	Upper
50	100		
52	38.4	23.2	43.2

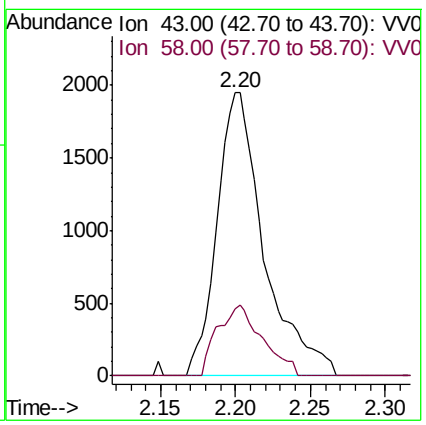


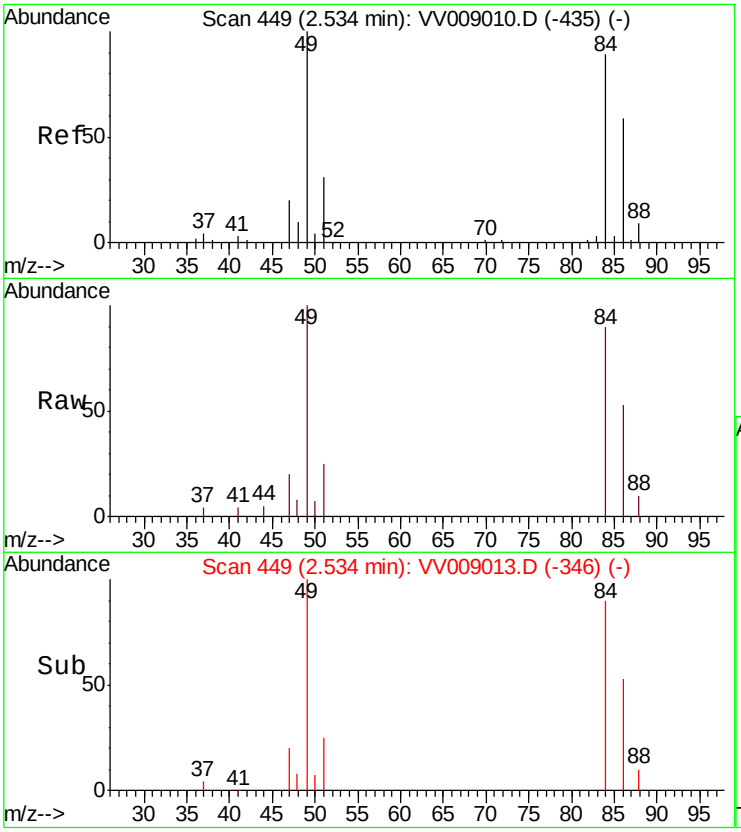


#13
Acetone
Concen: 2.866 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.01 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Tgt Ion: 43 Resp: 4271

Ion	Ratio	Lower	Upper
43	100		
58	10.8	0.0	65.4



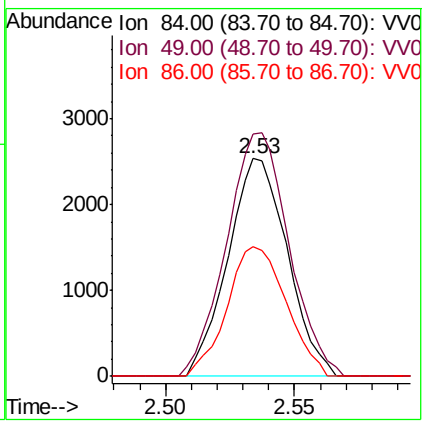


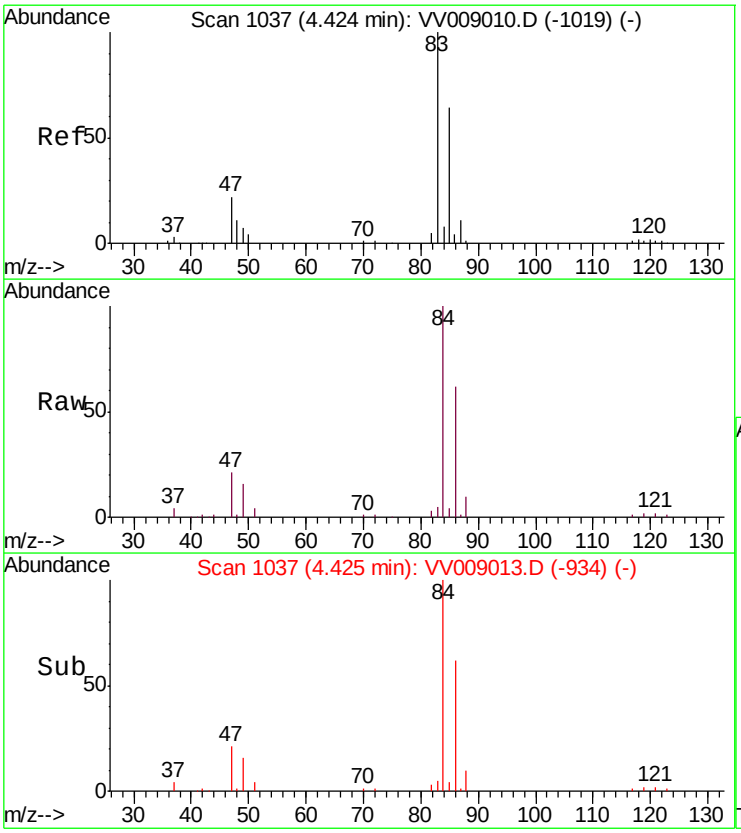
#16
Methylene chloride
Concen: 0.903 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Instrument :
MSVOA_V
ClientSampleId :
BEZZ0

Tgt Ion: 84 Resp: 4081

Ion	Ratio	Lower	Upper
84	100		
49	111.5	80.5	149.5
86	59.5	45.5	84.5

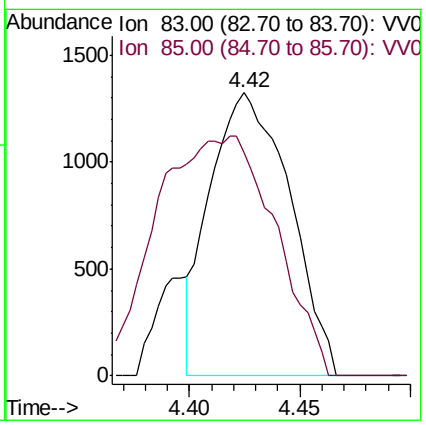


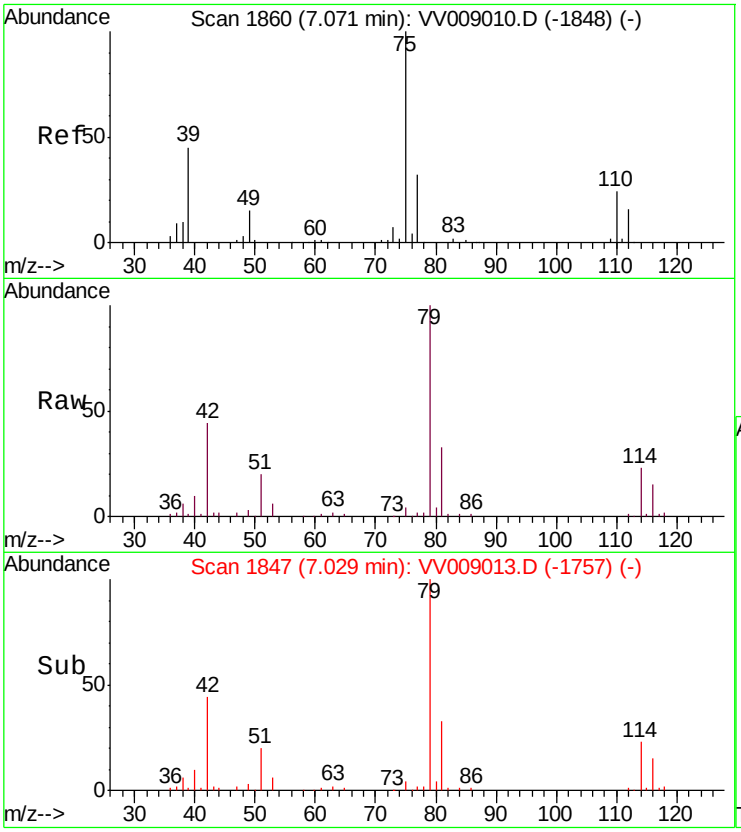


#25
Chloroform
Concen: 0.511 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Tgt Ion: 83 Resp: 3323

Ion	Ratio	Lower	Upper
83	100		
85	72.9	45.6	84.8



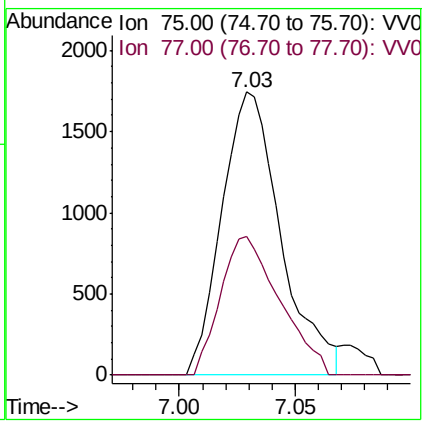


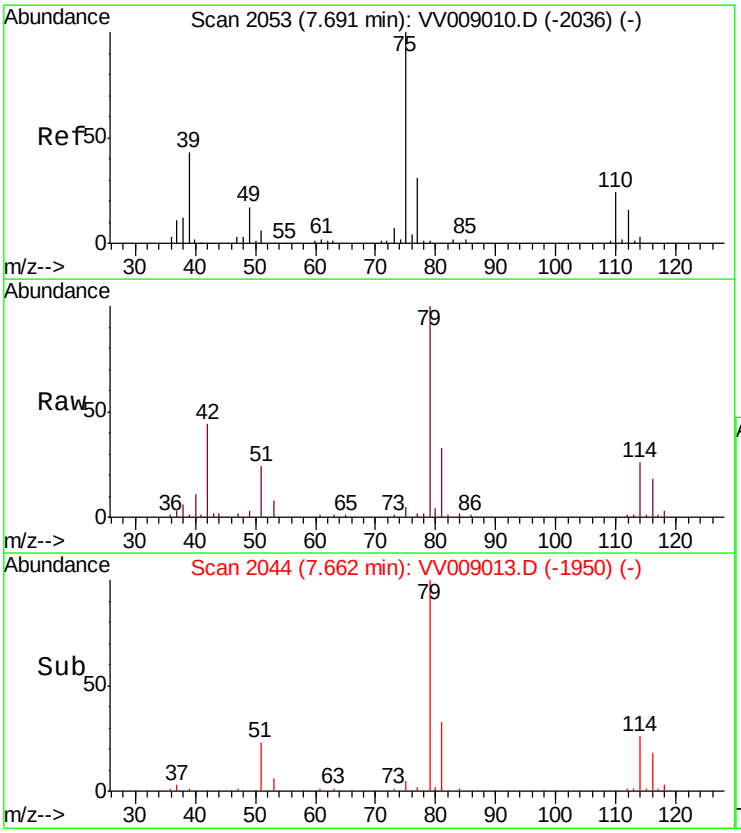
#42
cis-1,3-Dichloropropene
Concen: 0.601 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Instrument :
MSVOA_V
ClientSampleId :
BEZZ0

Tgt Ion: 75 Resp: 3087

Ion	Ratio	Lower	Upper
75	100		
77	49.0	21.3	39.6#

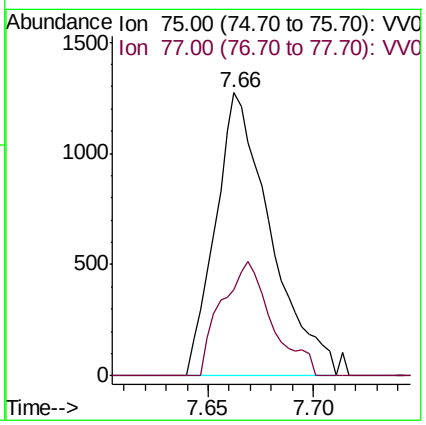


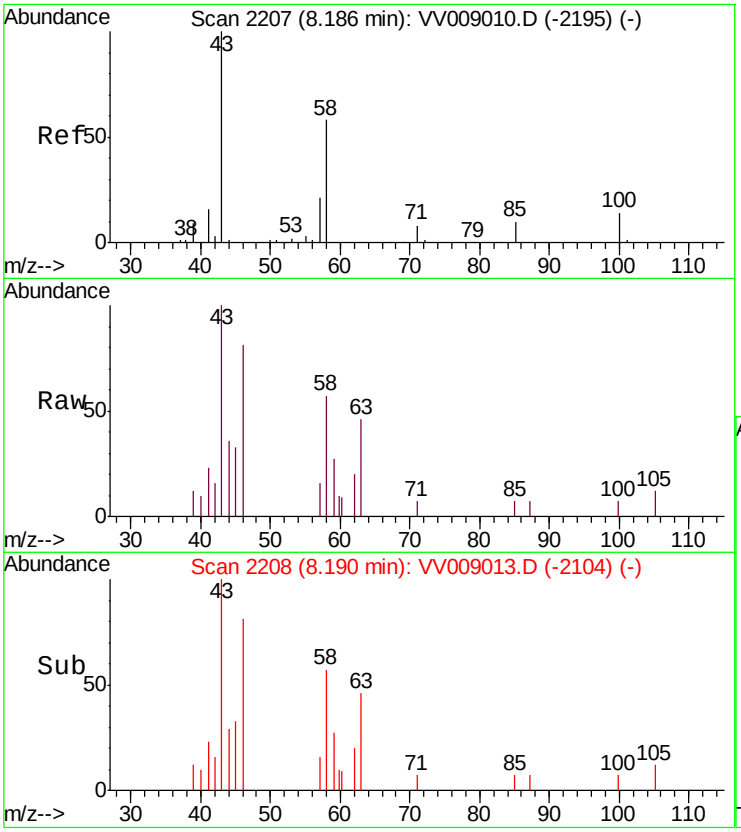


#45
trans-1,3-Dichloropropene
Concen: 0.516 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Tgt Ion: 75 Resp: 2311

Ion	Ratio	Lower	Upper
75	100		
77	30.4	23.6	43.8



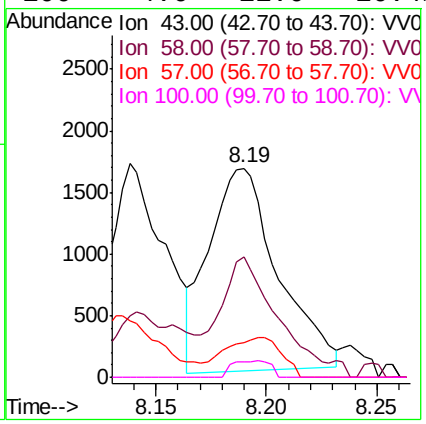


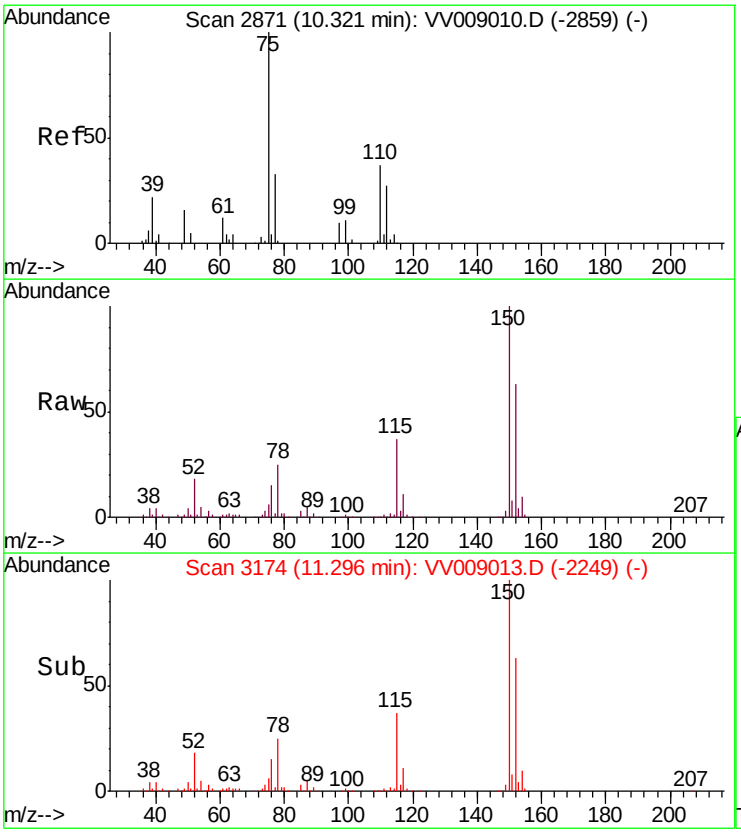
#49
2-Hexanone
Concen: 1.826 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Instrument : MSVOA_V
ClientSampleId : BEZZ0

Tgt Ion: 43 Resp: 3581

Ion	Ratio	Lower	Upper
43	100		
58	37.6	43.9	65.9#
57	16.2	15.7	23.5
100	4.6	11.0	16.4#

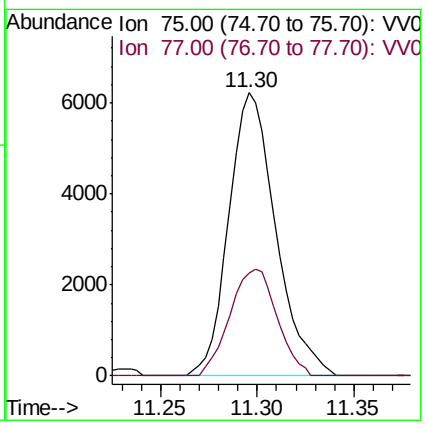


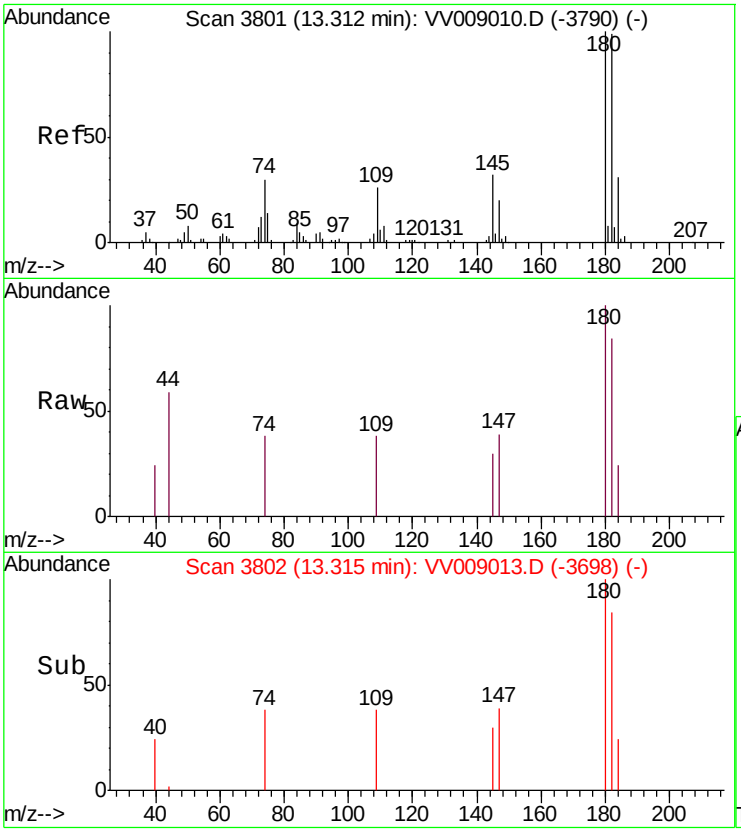


#59
1,2,3-Trichloropropane
Concen: 3.848 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Tgt Ion: 75 Resp: 10518

Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.6	38.4



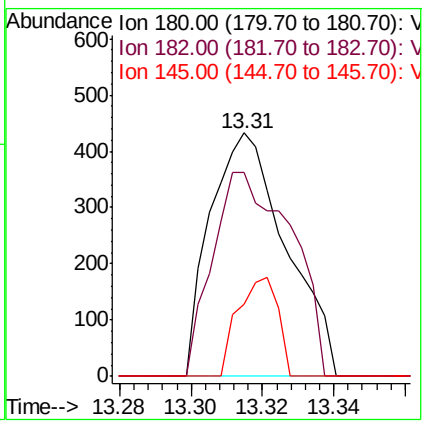


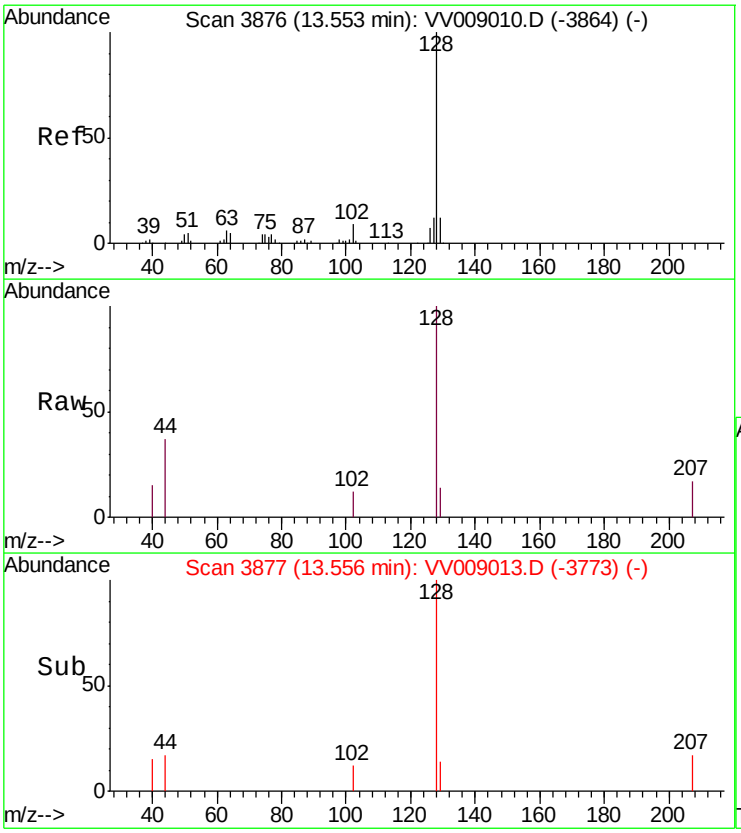
#68
1,2,4-trichlorobenzene
Concen: 0.193 ug/L
RT: 13.31 min Scan# 3802
Delta R.T. 0.00 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Instrument : MSVOA_V
ClientSampleId : BEZZ0

Tgt Ion:180 Resp: 636

Ion	Ratio	Lower	Upper
180	100		
182	87.1	77.4	116.0
145	21.4	25.6	38.4#





#69
Naphthalene
Concen: 0.277 ug/L
RT: 13.56 min Scan# 3877
Delta R.T. 0.00 min
Lab File: VV009013.D
Acq: 18 Dec 2018 15:10

Tgt Ion:128 Resp: 1571

Ion	Ratio	Lower	Upper
128	100		
129	3.1	8.6	13.0#
127	0.0	10.0	15.0#