Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

Quantitation Report (Not Reviewed)

Data File : VV009577.D
Acq On : 10 Mar 2019 19:46
Operator : SY/MD
Sample : K1818-06
Misc : 6.87G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF2L1

Quant Time: Mar 11 04:53:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	150483	25.00	ug/L		0.00
28) Chlorobenzene-d5	8.90	117	143129	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59289	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.32	65	32239	17.80	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 71.20%				
7) Chloroethane-d5	1.58	69	37483	14.31	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.24%				
10) 1,1-Dichloroethene-d2	2.13	63	76099	16.14	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 64.56%				
20) 2-Butanone-d5	3.93	46	19081	30.91	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 61.82%				
24) Chloroform-d	4.40	84	79142	22.08	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.32%				
26) 1,2-Dichloroethane-d4	5.08	65	48056	23.56	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.24%				
29) Benzene-d6	5.10	84	178776	25.22	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.88%				
33) 1,2-Dichloropropane-d6	6.12	67	56663	27.09	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.36%				
37) Toluene-d8	7.36	98	171981	24.89	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.56%				
38) trans-1,3-Dichloropropene-	7.66	79	20157	19.88	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 79.52%				
39) 2-Hexanone-d5	8.13	63	13490	27.63	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 55.26%				
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42083	18.88	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 75.52%				
61) 1,2-Dichlorobenzene-d4	11.68	152	54563	25.21	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 100.84%				
Target Compounds							Qvalue
13) Acetone	2.18	43	1048	1.670	ug/L		92
16) Methylene chloride	2.53	84	2792	1.414	ug/L		91
22) cis-1,2-Dichloroethene	3.96	96	852	0.420	ug/L		85
25) Chloroform	4.42	83	15341	4.341	ug/L		94
35) Trichloroethene	5.96	95	876	0.412	ug/L		88
40) 1,2-Dichloropropane	6.12	63	6339	3.324	ug/L	#	89
42) cis-1,3-Dichloropropene	7.03	75	1887	0.637	ug/L	#	63
46) 1,1,2-Trichloroethane	8.01	97	1184	0.747	ug/L	#	27
47) Tetrachloroethene	8.02	164	104514	64.831	ug/L		94
50) Dibromochloromethane	8.02	129	106933	55.752	ug/L	#	12
59) 1,2,3-Trichloropropane	11.30	75	8759	5.432	ug/L		91

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

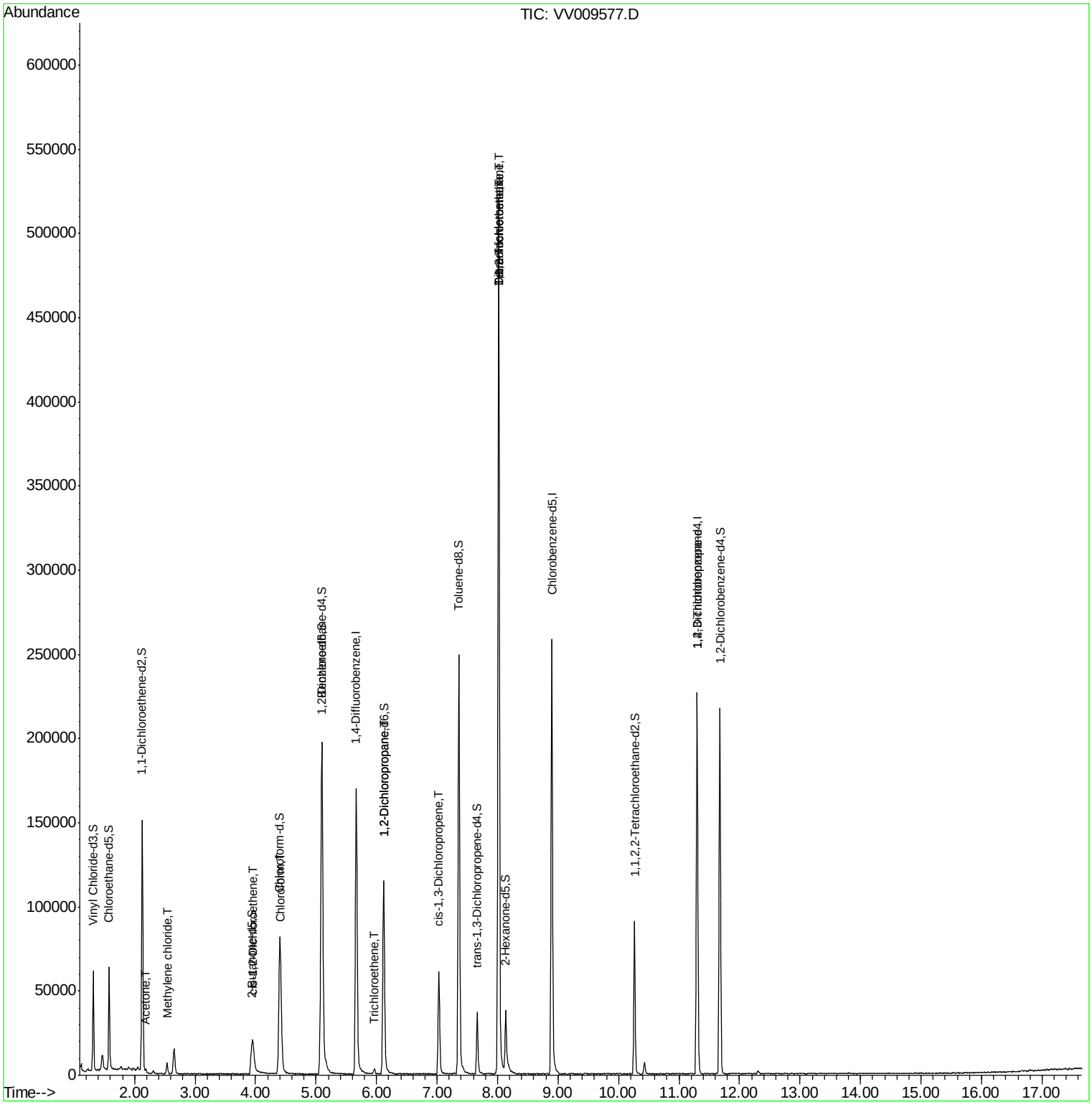
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

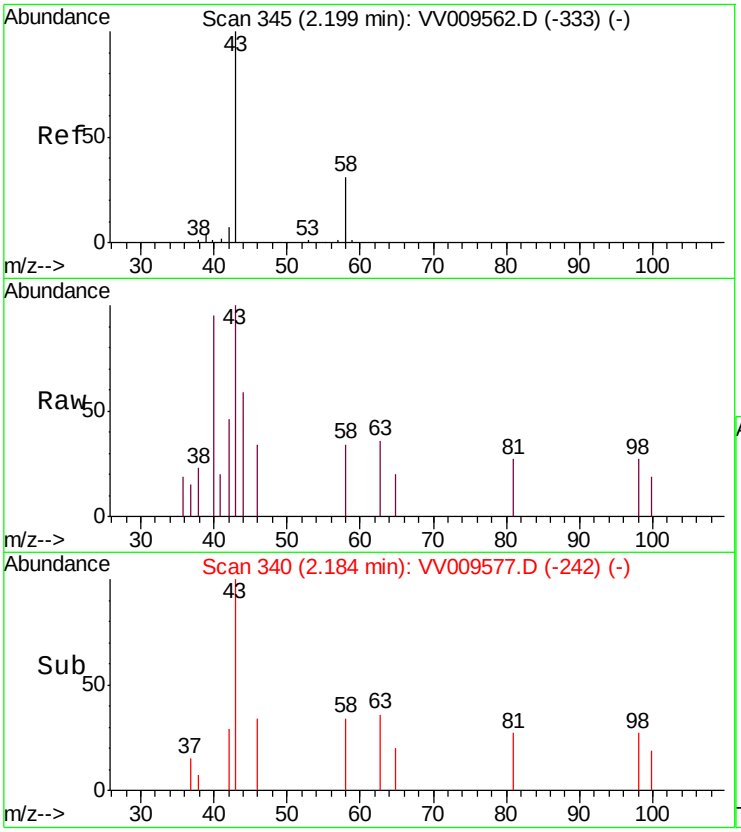
Quantitation Report (Not Reviewed)

Data File : VV009577.D
Acq On : 10 Mar 2019 19:46
Operator : SY/MD
Sample : K1818-06
Misc : 6.87G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF2L1

Quant Time: Mar 11 04:53:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 04:48:46 2019
Response via : Initial Calibration



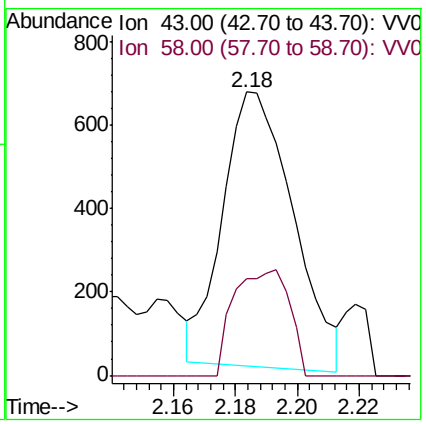


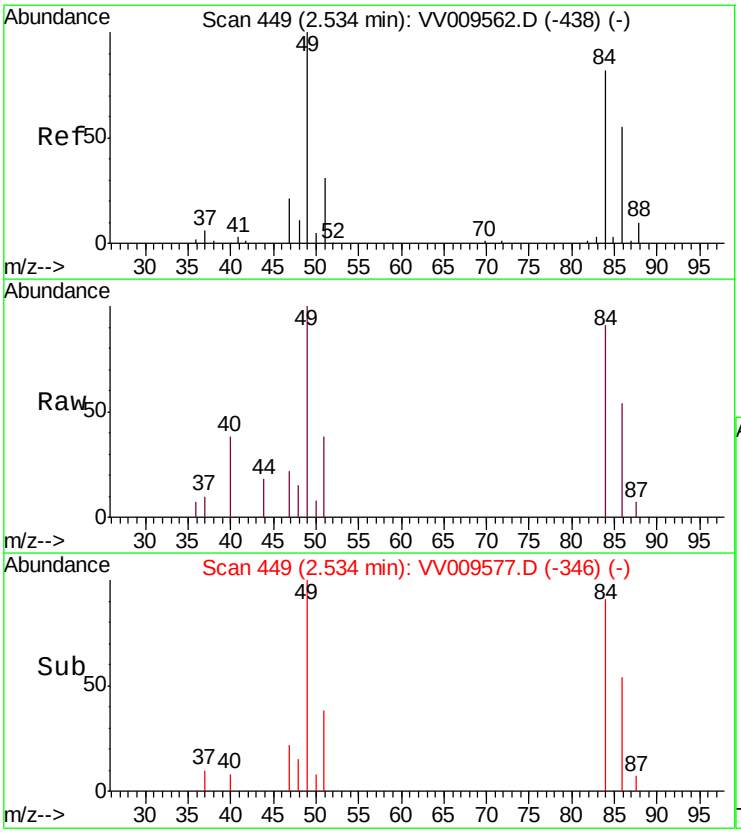
#13
Acetone
Concen: 1.670 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.02 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Instrument : MSVOA_V
ClientSampleId : BF2L1

Tgt Ion: 43 Resp: 1048

Ion	Ratio	Lower	Upper
43	100		
58	30.1	0.0	68.8

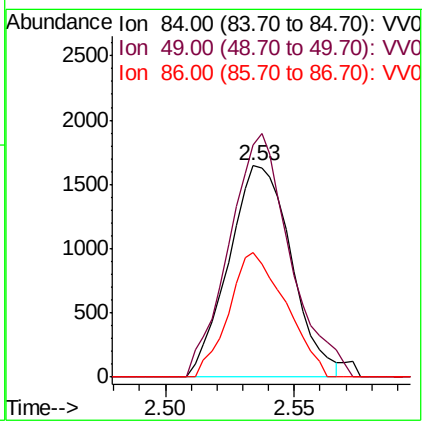


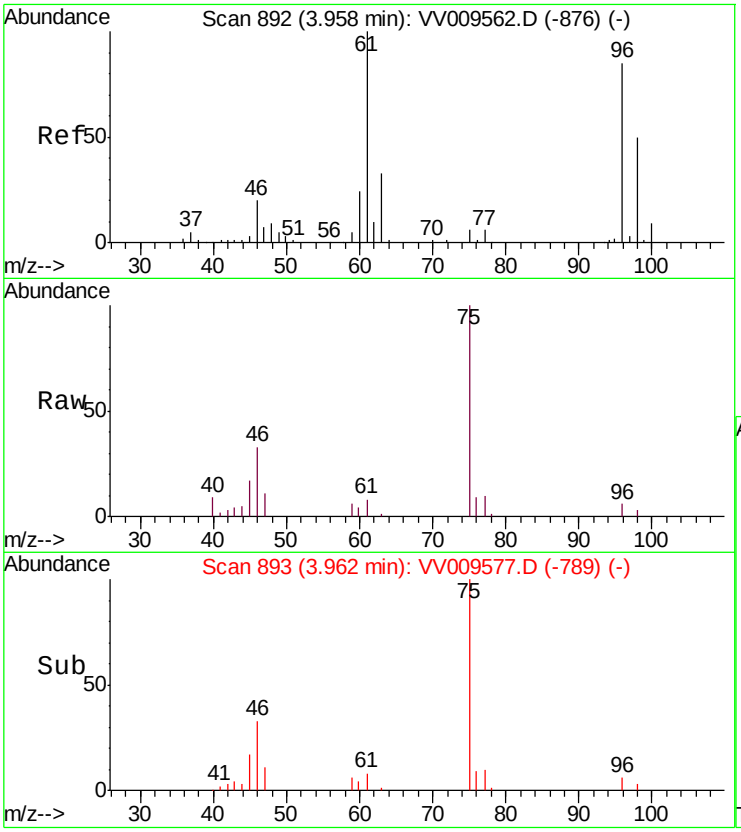


#16
Methylene chloride
Concen: 1.414 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Tgt Ion: 84 Resp: 2792

Ion	Ratio	Lower	Upper
84	100		
49	109.8	84.6	157.0
86	59.1	46.1	85.7



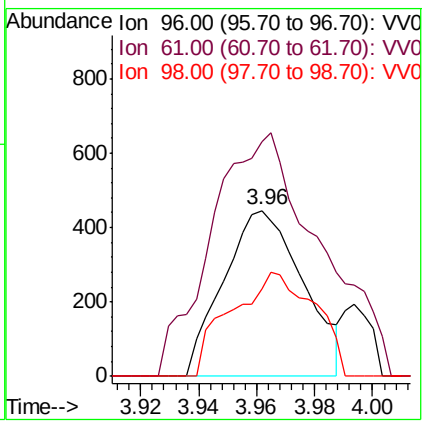


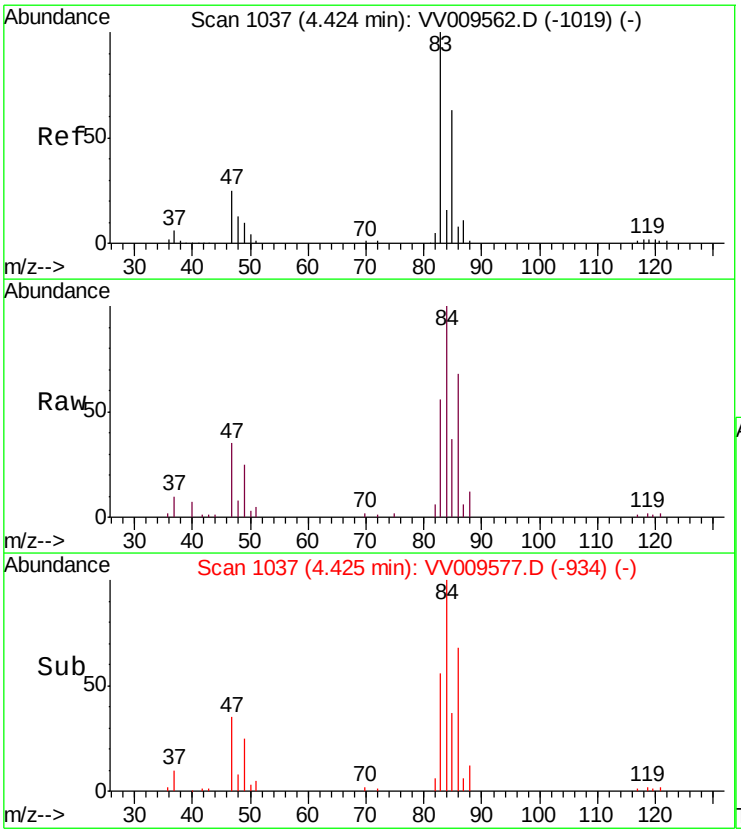
#22
cis-1,2-Dichloroethene
Concen: 0.420 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Instrument :
MSVOA_V
ClientSampleId :
BF2L1

Tgt Ion: 96 Resp: 852

Ion	Ratio	Lower	Upper
96	100		
61	141.5	87.2	161.9
98	52.7	44.6	82.8

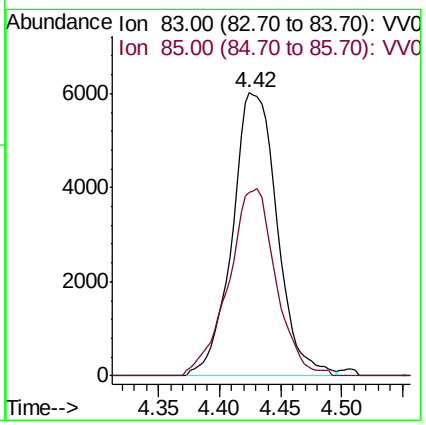


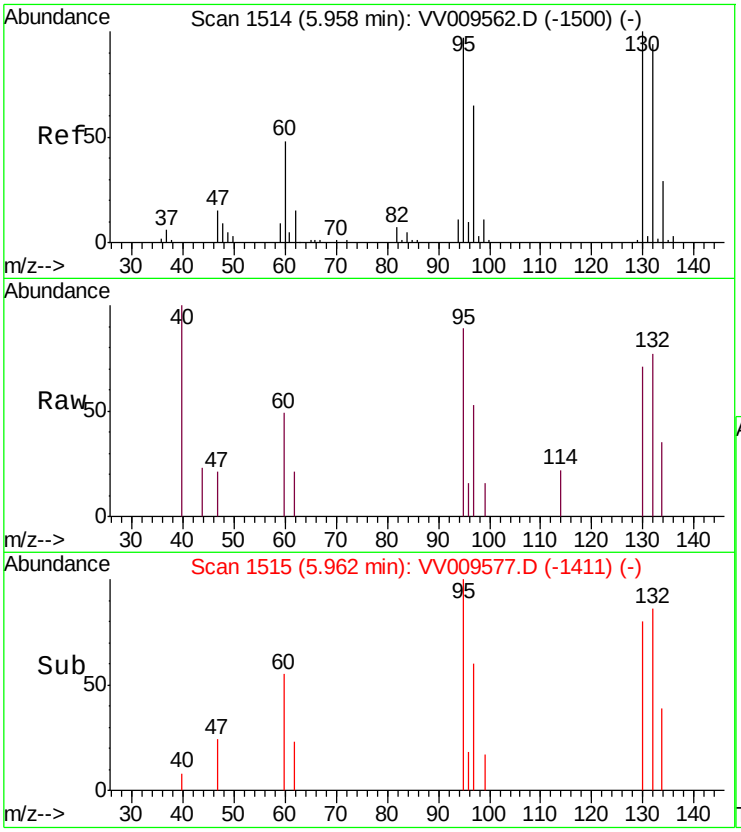


#25
Chloroform
Concen: 4.341 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Tgt Ion: 83 Resp: 15341

Ion	Ratio	Lower	Upper
83	100		
85	69.4	45.4	84.2



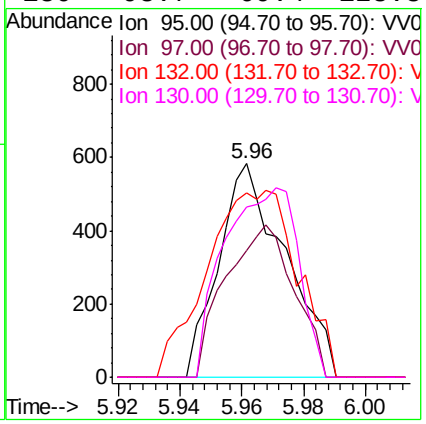


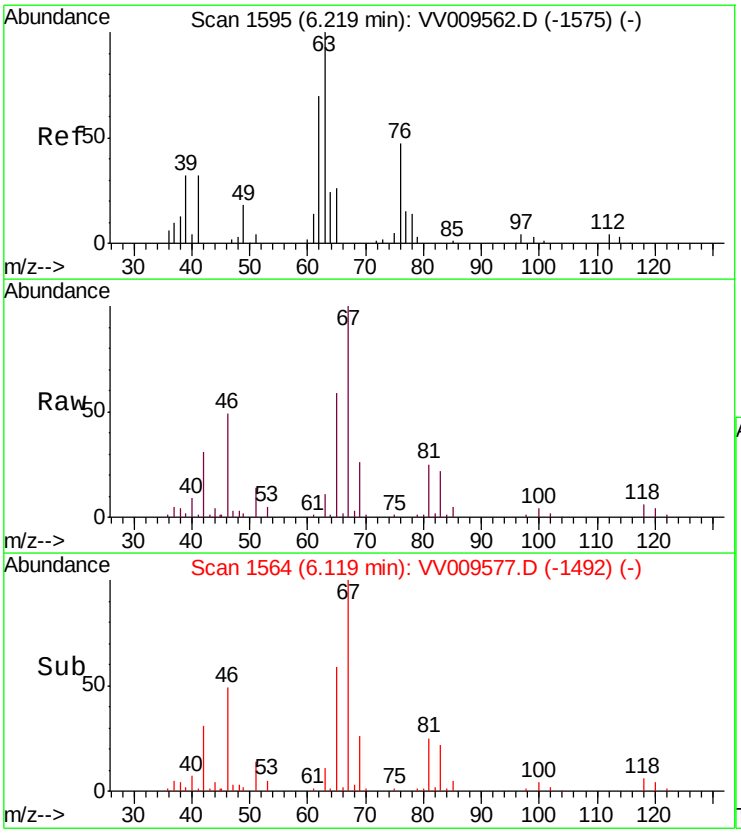
#35
Trichloroethene
Concen: 0.412 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Instrument : MSVOA_V
ClientSampleId : BF2L1

Tgt Ion: 95 Resp: 876

Ion	Ratio	Lower	Upper
95	100		
97	73.3	44.3	82.3
132	69.9	64.4	119.6
130	98.7	69.4	128.8

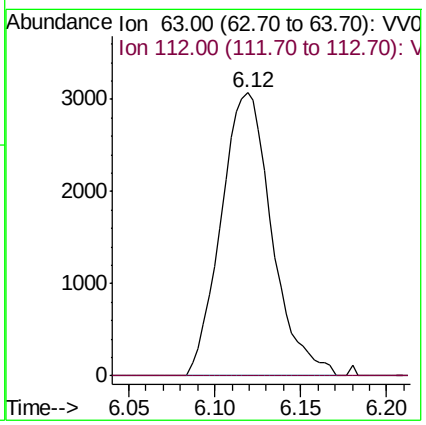


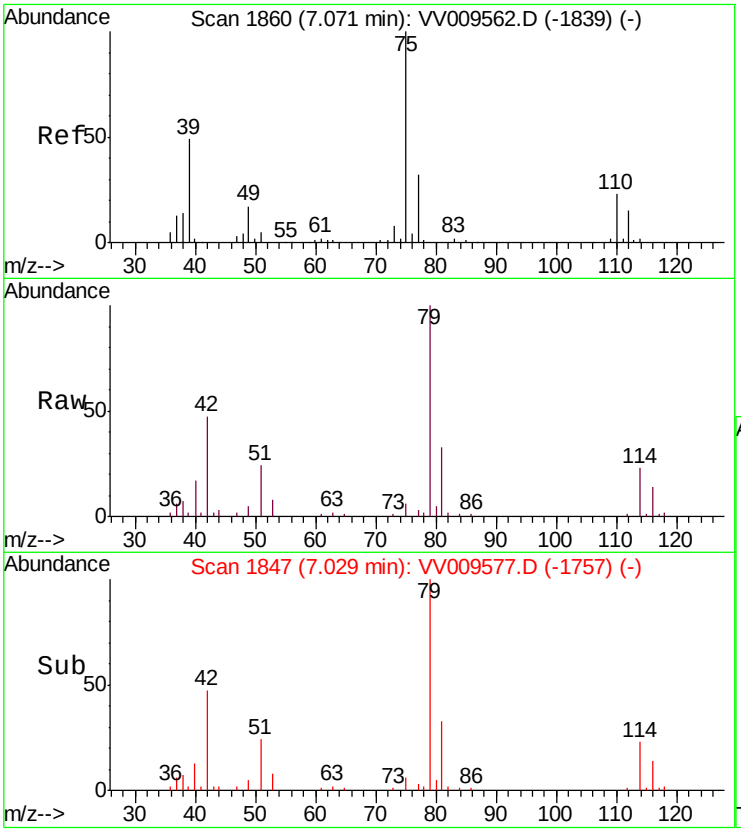


#40
1,2-Dichloropropane
Concen: 3.324 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Tgt Ion: 63 Resp: 6339

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



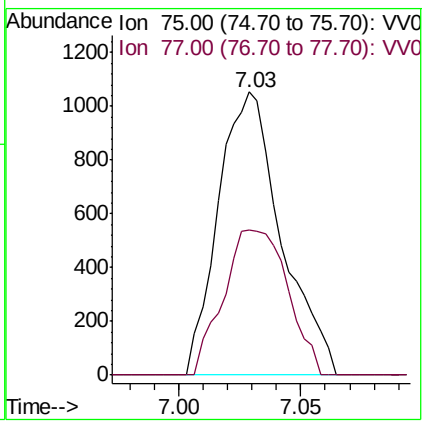


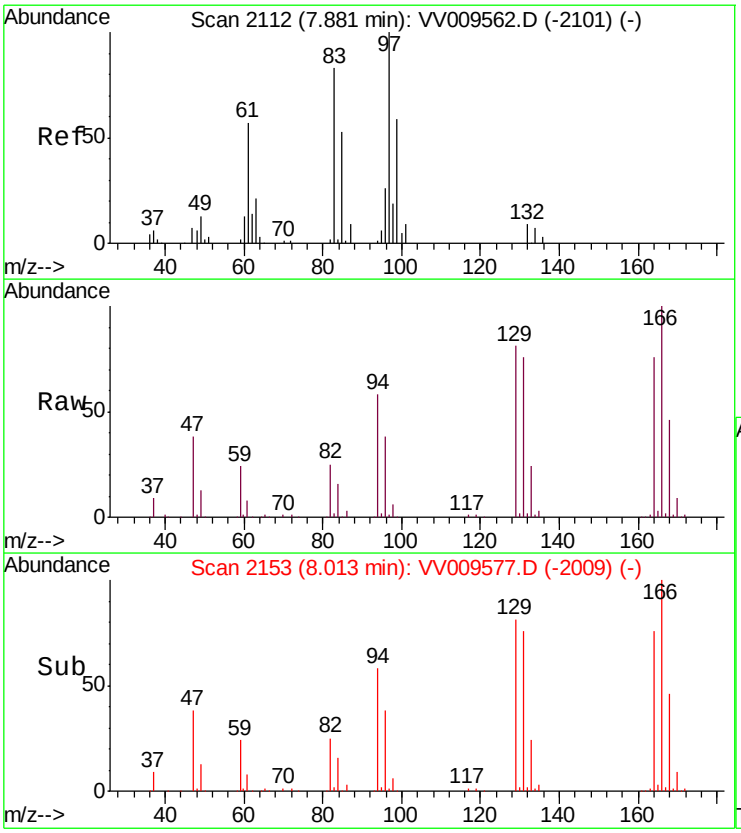
#42
cis-1,3-Dichloropropene
Concen: 0.637 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Instrument : MSVOA_V
ClientSampleId : BF2L1

Tgt Ion: 75 Resp: 1887

Ion	Ratio	Lower	Upper
75	100		
77	51.1	21.4	39.8#

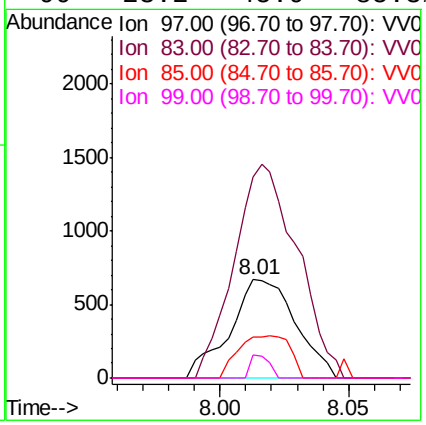


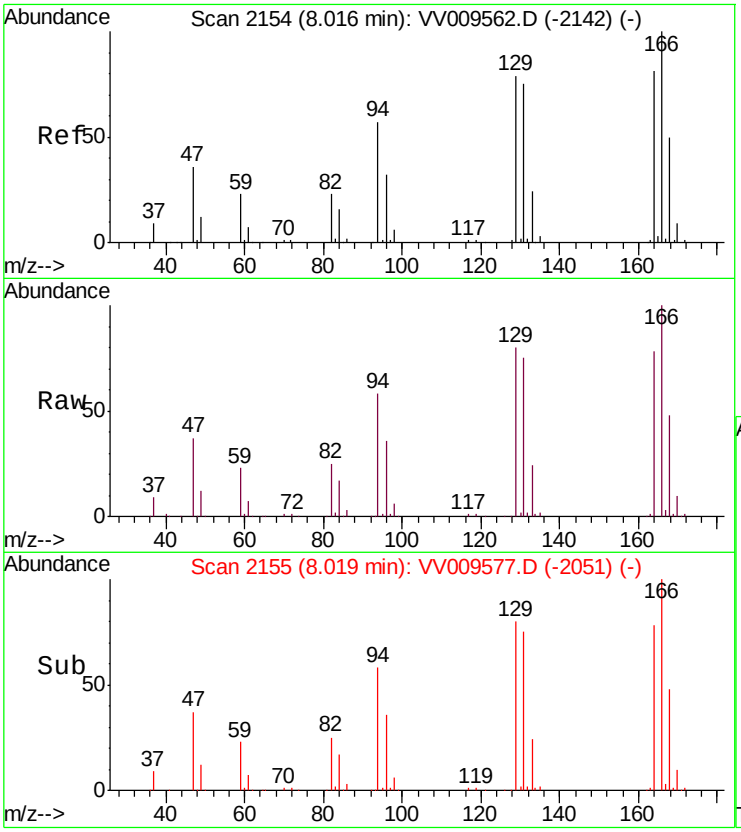


#46
1,1,2-Trichloroethane
Concen: 0.747 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.13 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Tgt Ion: 97 Resp: 1184

Ion	Ratio	Lower	Upper
97	100		
83	204.2	63.8	118.6#
85	41.3	39.5	73.4
99	23.2	45.9	85.3#



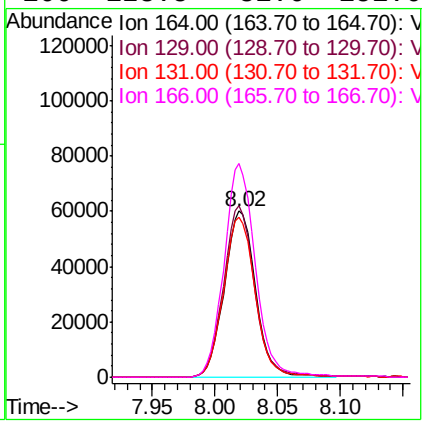


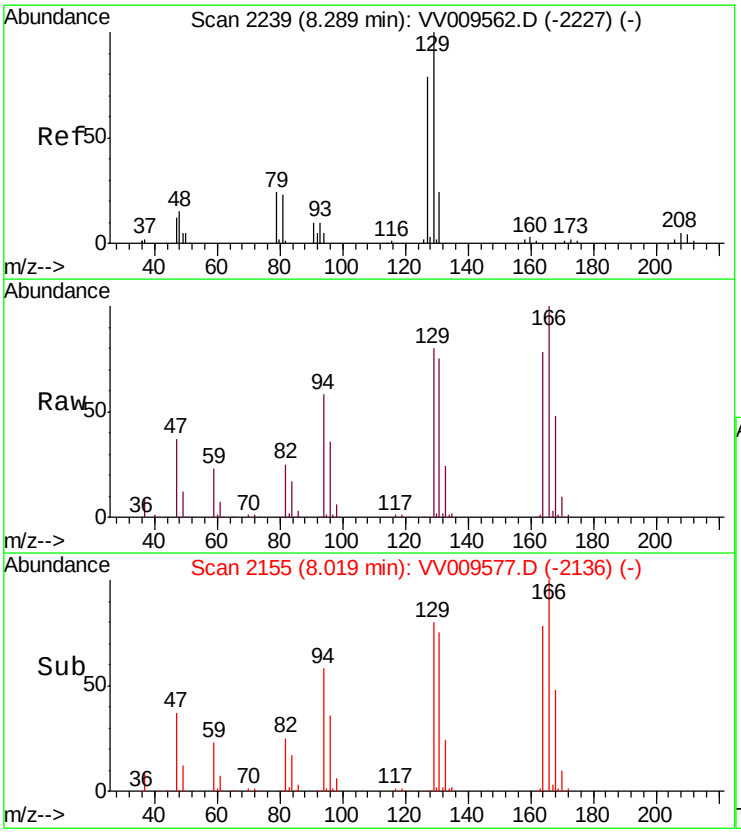
#47
Tetrachloroethene
Concen: 64.831 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Instrument :
MSVOA_V
ClientSampleId :
BF2L1

Tgt Ion:164 Resp: 104514

Ion	Ratio	Lower	Upper
164	100		
129	103.3	67.7	125.7
131	96.6	67.5	125.3
166	128.5	81.6	151.6

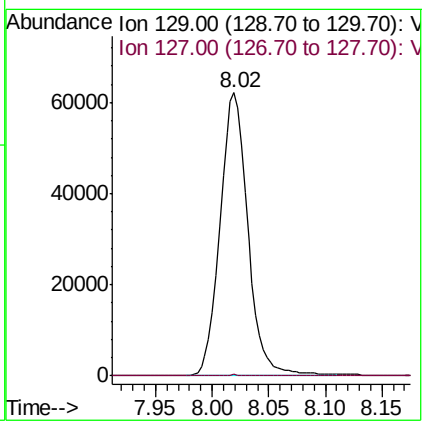


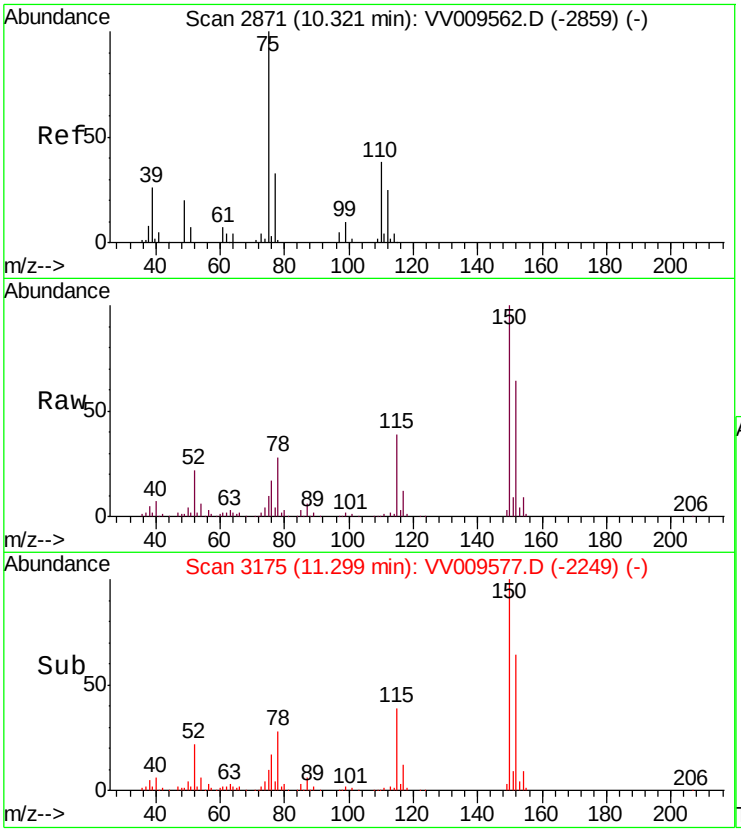


#50
Dibromochloromethane
Concen: 55.752 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Tgt Ion:129 Resp: 106933

Ion	Ratio	Lower	Upper
129	100		
127	0.4	53.7	99.7#





#59
1,2,3-Trichloropropane
Concen: 5.432 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV009577.D
Acq: 10 Mar 2019 19:46

Instrument :
MSVOA_V
ClientSampleId :
BF2L1

Tgt Ion: 75 Resp: 8759

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.9	38.9