Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031519\

Quantitation Report (Not Reviewed)

Data File : VV009682.D
Acq On : 15 Mar 2019 12:42
Operator : SY/MD
Sample : K1885-09
Misc : 5.68G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF193

Quant Time: Mar 15 13:05:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137545	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56617	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	39661	22.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.20%			
7) Chloroethane-d5	1.57	69	38376	17.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.76%			
10) 1,1-Dichloroethene-d2	2.12	63	81764	17.20	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 68.80%			
20) 2-Butanone-d5	3.93	46	21099	45.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.60%			
24) Chloroform-d	4.40	84	69802	19.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 79.64%			
26) 1,2-Dichloroethane-d4	5.08	65	49223	24.81	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 99.24%			
29) Benzene-d6	5.10	84	168663	24.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98.32%			
33) 1,2-Dichloropropane-d6	6.12	67	50275	25.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 100.28%			
37) Toluene-d8	7.36	98	161145	24.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.08%			
38) trans-1,3-Dichloropropene-	7.66	79	21184	22.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.96%			
39) 2-Hexanone-d5	8.13	63	15027	40.70	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 81.40%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42976	22.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.52%			
61) 1,2-Dichlorobenzene-d4	11.68	152	52969	24.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 96.60%			

Target Compounds						Qvalue
13) Acetone	2.19	43	1119	2.015	ug/L	84
15) Methyl Acetate	2.65	43	1183	1.460	ug/L #	51
16) Methylene chloride	2.53	84	4759	2.377	ug/L	96
25) Chloroform	4.43	83	13662	3.823	ug/L	97
27) 1,2-Dichloroethane	5.09	62	934	0.379	ug/L #	75
40) 1,2-Dichloropropane	6.12	63	5858	3.251	ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	1867	0.682	ug/L	87
59) 1,2,3-Trichloropropane	11.30	75	8257	5.892	ug/L	90

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031519\

Quantitation Report (Not Reviewed)

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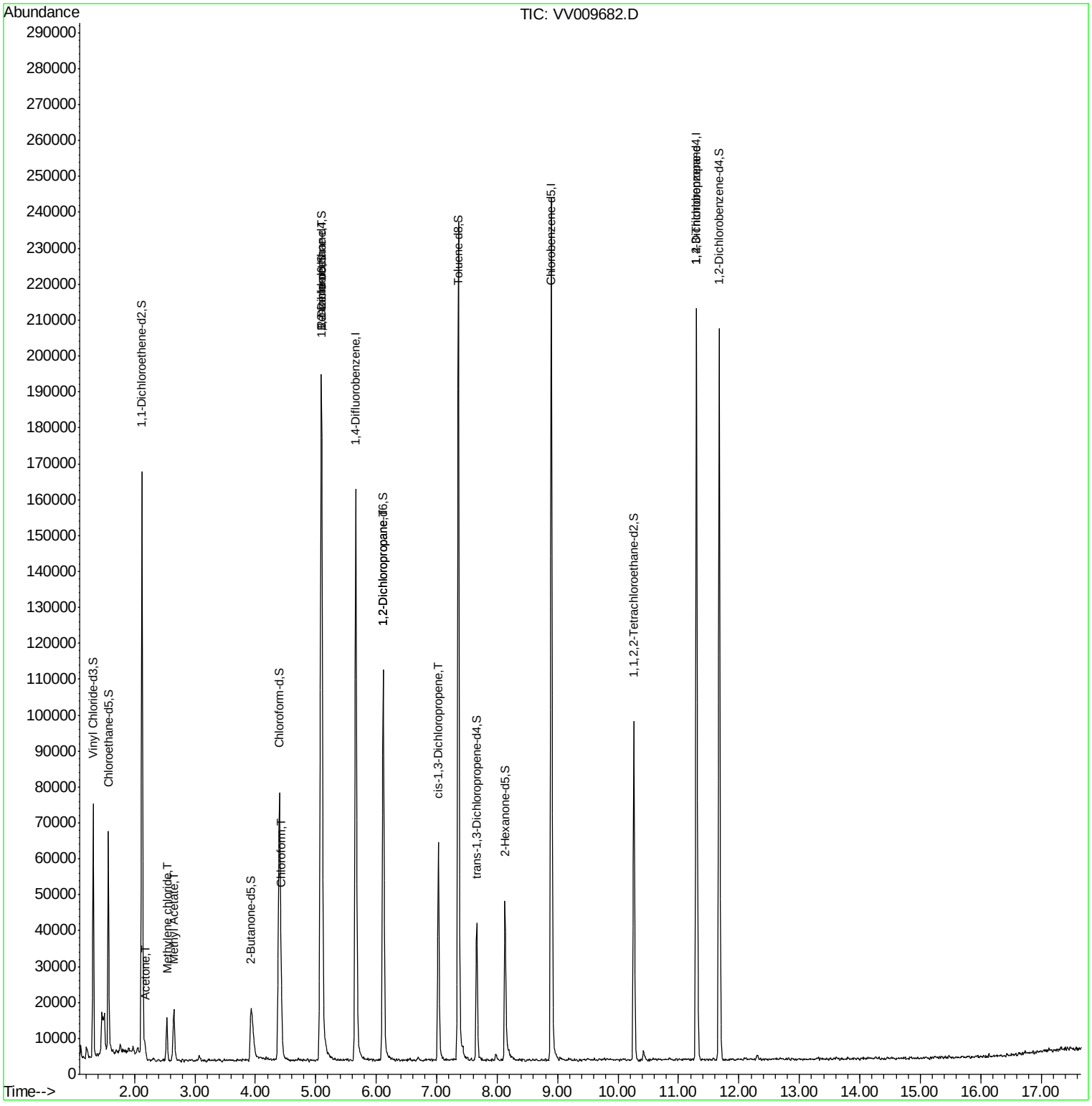
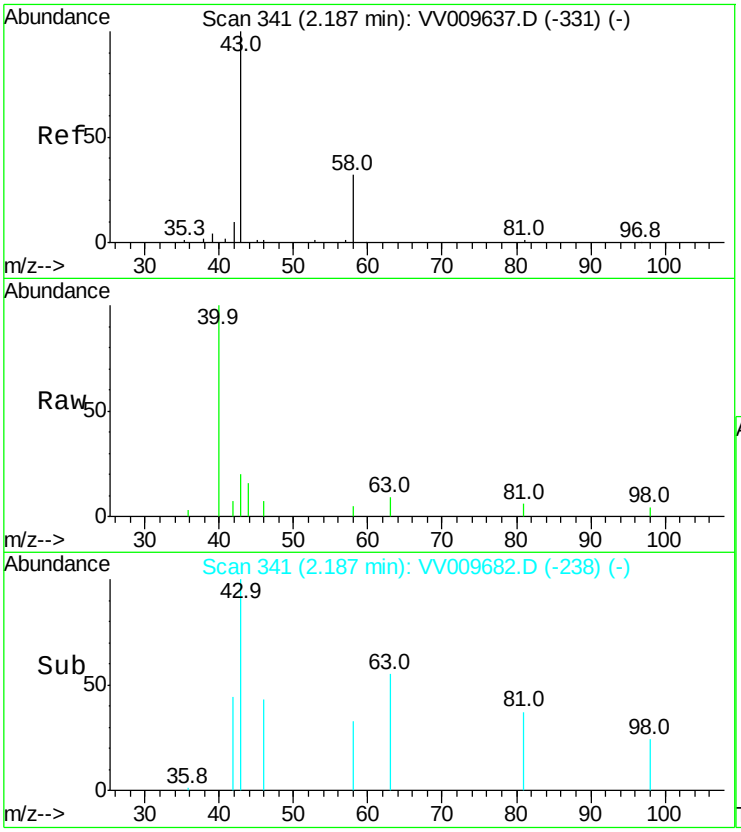
Instrument : MSVOA_V
ClientSampleId : BF193

Quant Time: Mar 15 13:05:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration



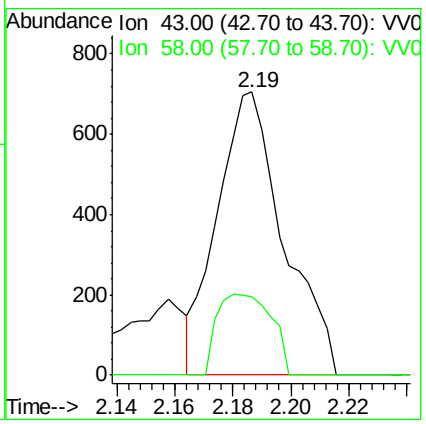


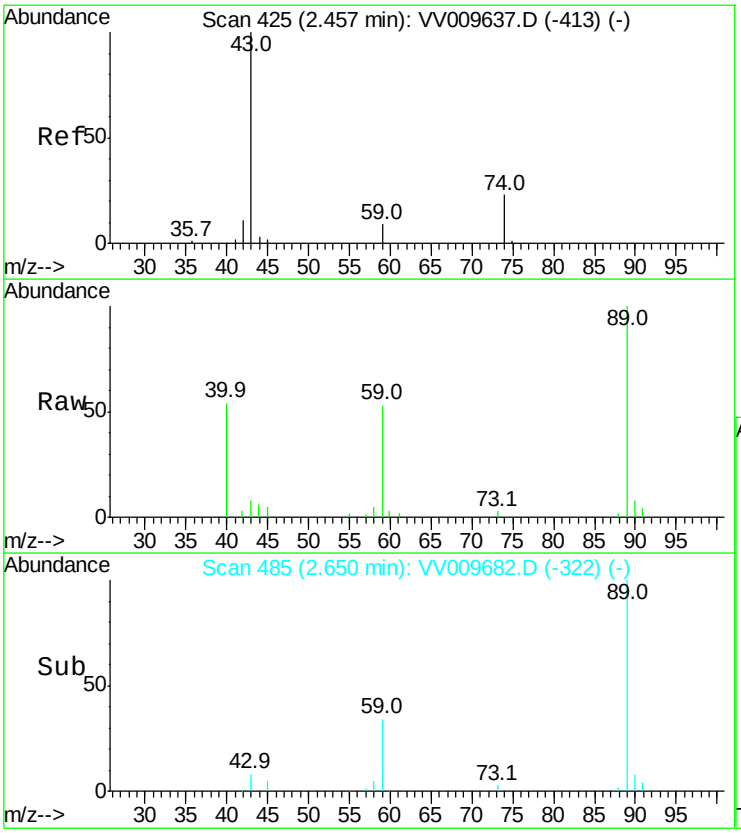
#13
Acetone
Concen: 2.015 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.00 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Instrument :
MSVOA_V
ClientSampleId :
BF193

Tgt Ion: 43 Resp: 1119

Ion	Ratio	Lower	Upper
43	100		
58	23.5	0.0	64.8

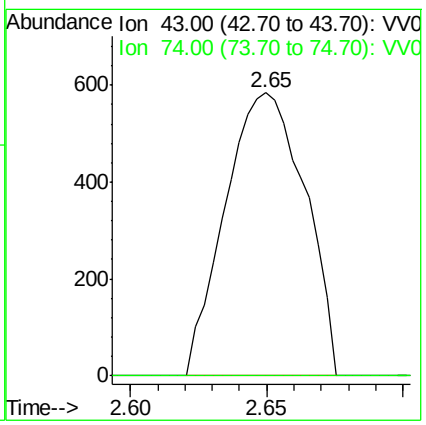


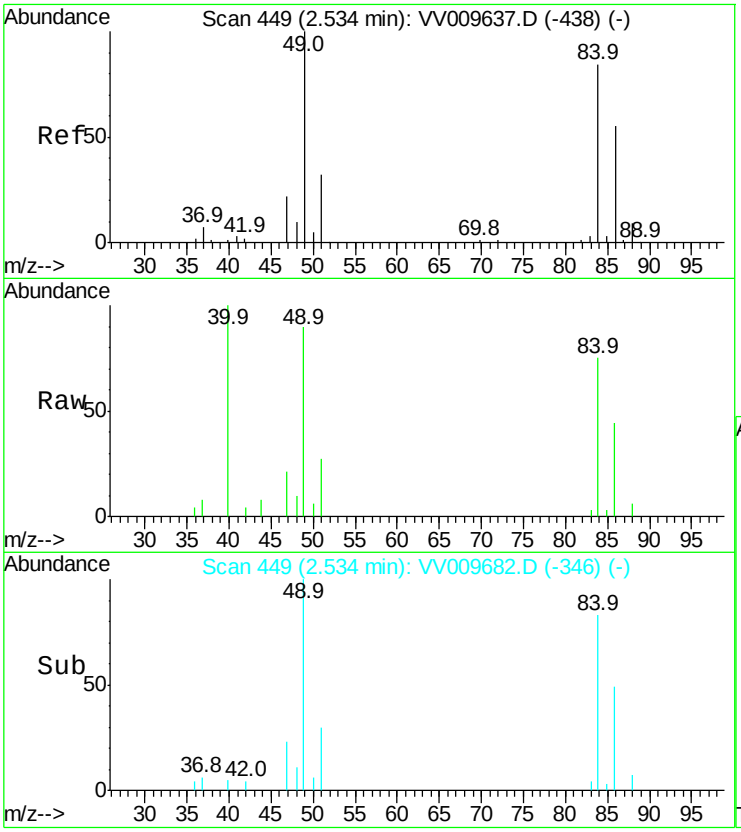


#15
Methyl Acetate
Concen: 1.460 ug/L
RT: 2.65 min Scan# 485
Delta R.T. 0.19 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Tgt Ion: 43 Resp: 1183

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.8	29.6#



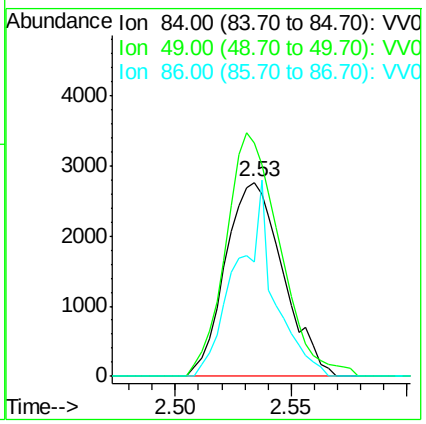


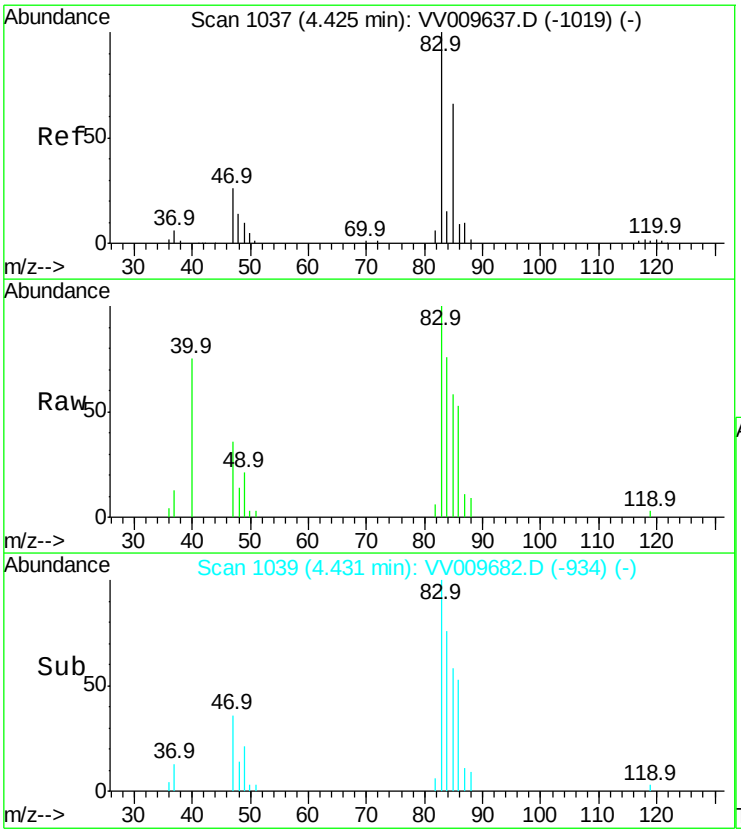
#16
Methylene chloride
Concen: 2.377 ug/L
RT: 2.53 min Scan# 449
Delta R.T. -0.00 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Instrument :
MSVOA_V
ClientSampleId :
BF193

Tgt Ion: 84 Resp: 4759

Ion	Ratio	Lower	Upper
84	100		
49	120.6	86.1	159.9
86	59.0	45.2	84.0

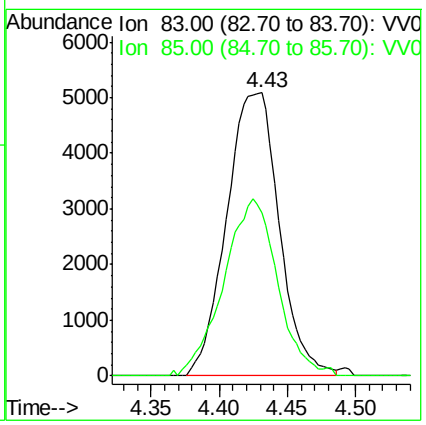


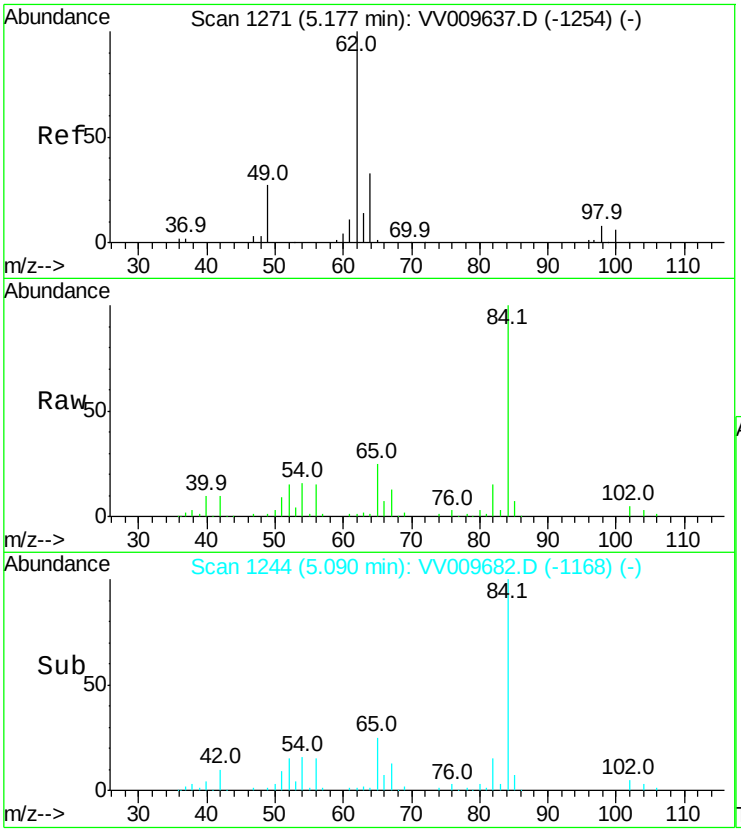


#25
Chloroform
Concen: 3.823 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Tgt Ion: 83 Resp: 13662

Ion	Ratio	Lower	Upper
83	100		
85	63.5	46.4	86.2



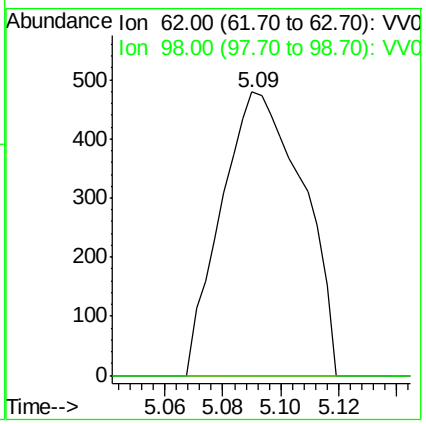


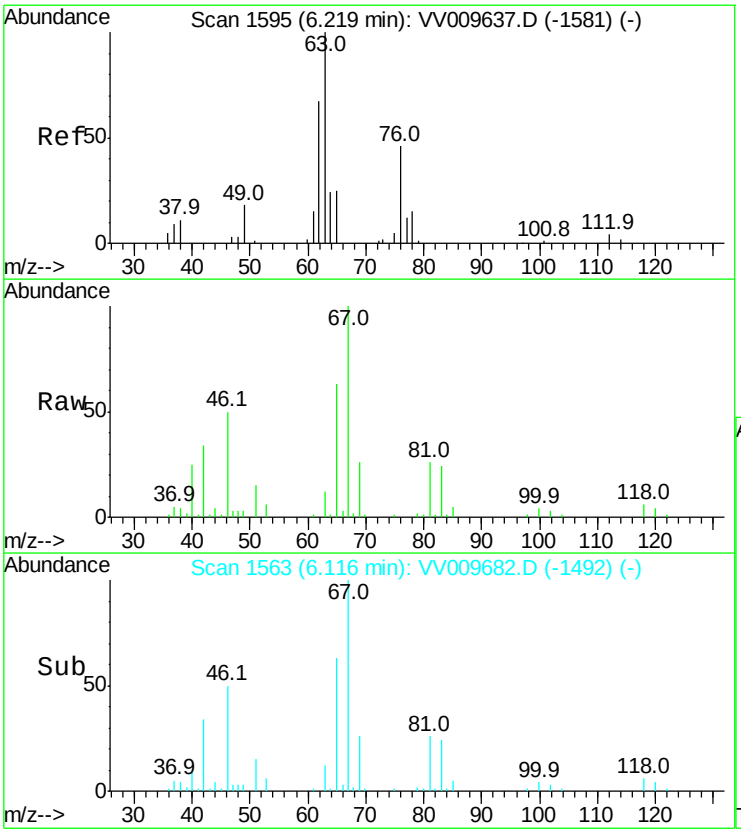
#27
1,2-Dichloroethane
Concen: 0.379 ug/L
RT: 5.09 min Scan# 1244
Delta R.T. -0.09 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Instrument :
MSVOA_V
ClientSampleId :
BF193

Tgt Ion: 62 Resp: 934

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

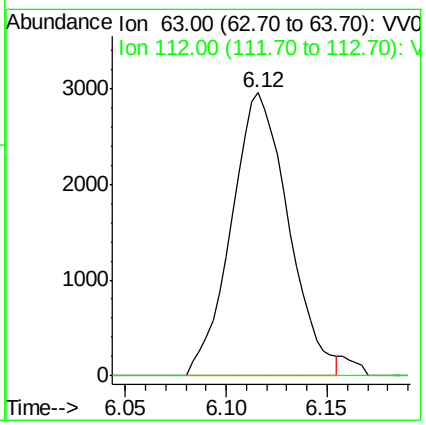


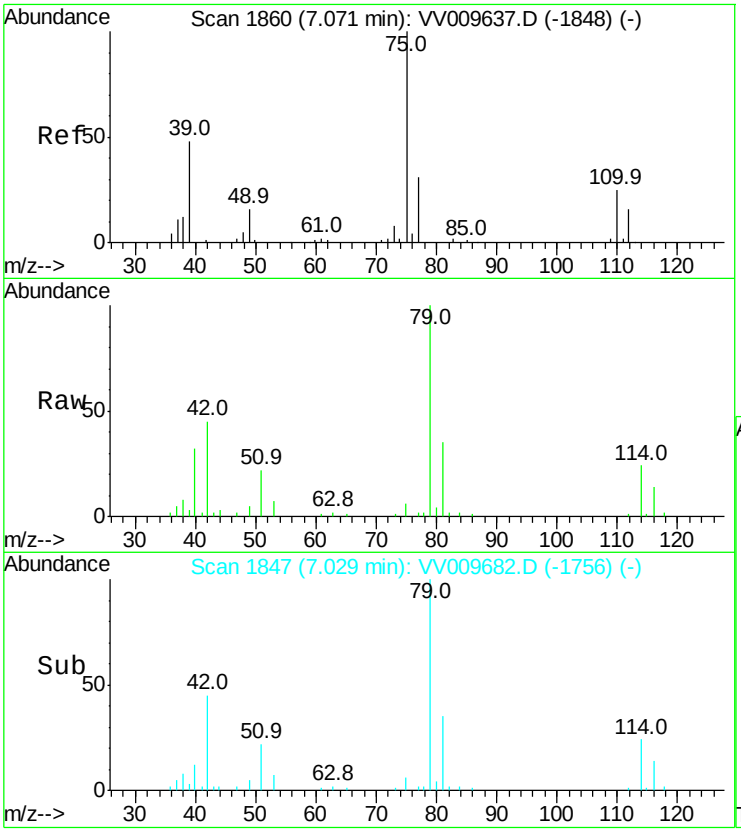


#40
1,2-Dichloropropane
Concen: 3.251 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Tgt Ion: 63 Resp: 5858

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



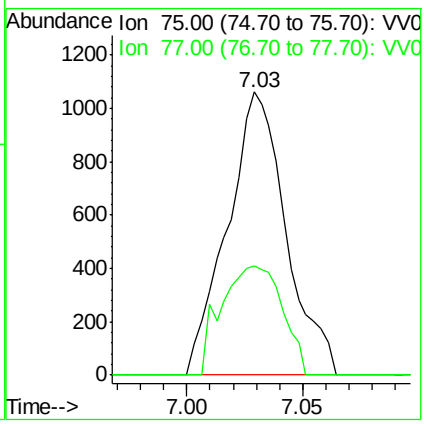


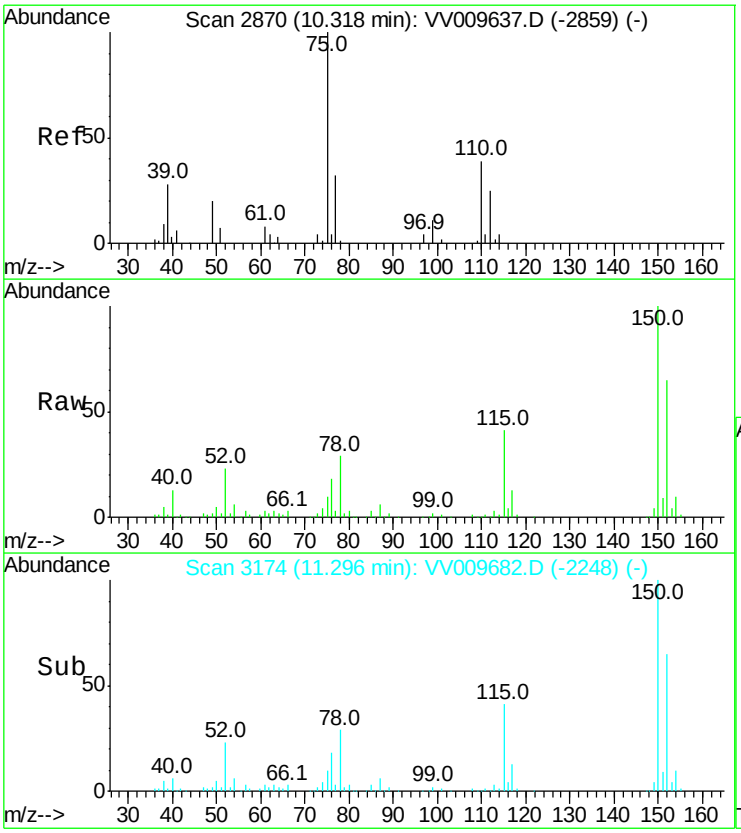
#42
cis-1,3-Dichloropropene
Concen: 0.682 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Instrument :
MSVOA_V
ClientSampleId :
BF193

Tgt Ion: 75 Resp: 1867

Ion	Ratio	Lower	Upper
75	100		
77	38.6	22.0	40.8





#59
1,2,3-Trichloropropane
Concen: 5.892 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009682.D
Acq: 15 Mar 2019 12:42

Tgt Ion: 75 Resp: 8257

Ion	Ratio	Lower	Upper
75	100		
77	37.1	25.3	37.9