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

Quantitation Report (Not Reviewed)

Data File : VV009578.D
Acq On : 10 Mar 2019 20:12
Operator : SY/MD
Sample : K1818-05
Misc : 4.70G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF2L0

Quant Time: Mar 11 04:53:41 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	117181	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	119561	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54684	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27137	19.24	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 76.96%			
7) Chloroethane-d5	1.57	69	33690	16.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 66.08%			
10) 1,1-Dichloroethene-d2	2.13	63	61140	16.66	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 66.64%			
20) 2-Butanone-d5	3.95	46	21985	45.74	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.48%			
24) Chloroform-d	4.40	84	73906	26.47	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 105.88%			
26) 1,2-Dichloroethane-d4	5.08	65	44967	28.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 113.28%			
29) Benzene-d6	5.10	84	143085	24.16	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.64%			
33) 1,2-Dichloropropane-d6	6.12	67	46527	26.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 106.52%			
37) Toluene-d8	7.36	98	135811	23.53	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94.12%			
38) trans-1,3-Dichloropropene-	7.67	79	18325	21.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 86.56%			
39) 2-Hexanone-d5	8.14	63	19226	47.14	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.28%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44039	23.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 94.60%			
61) 1,2-Dichlorobenzene-d4	11.68	152	52525	26.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.24%			

Target Compounds						Qvalue
13) Acetone	2.14	43	348	0.712	ug/L	78
16) Methylene chloride	2.53	84	2076	1.350	ug/L	91
22) cis-1,2-Dichloroethene	3.96	96	622	0.394	ug/L	93
25) Chloroform	4.43	83	1862	0.677	ug/L #	18
27) 1,2-Dichloroethane	5.10	62	807	0.422	ug/L #	77
36) Methylcyclohexane	6.12	83	11063	3.825	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	5646	3.544	ug/L #	89
46) 1,1,2-Trichloroethane	8.02	97	1205	0.911	ug/L #	11
47) Tetrachloroethene	8.02	164	122784	91.178	ug/L	95
59) 1,2,3-Trichloropropane	11.30	75	7637	5.669	ug/L	89

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

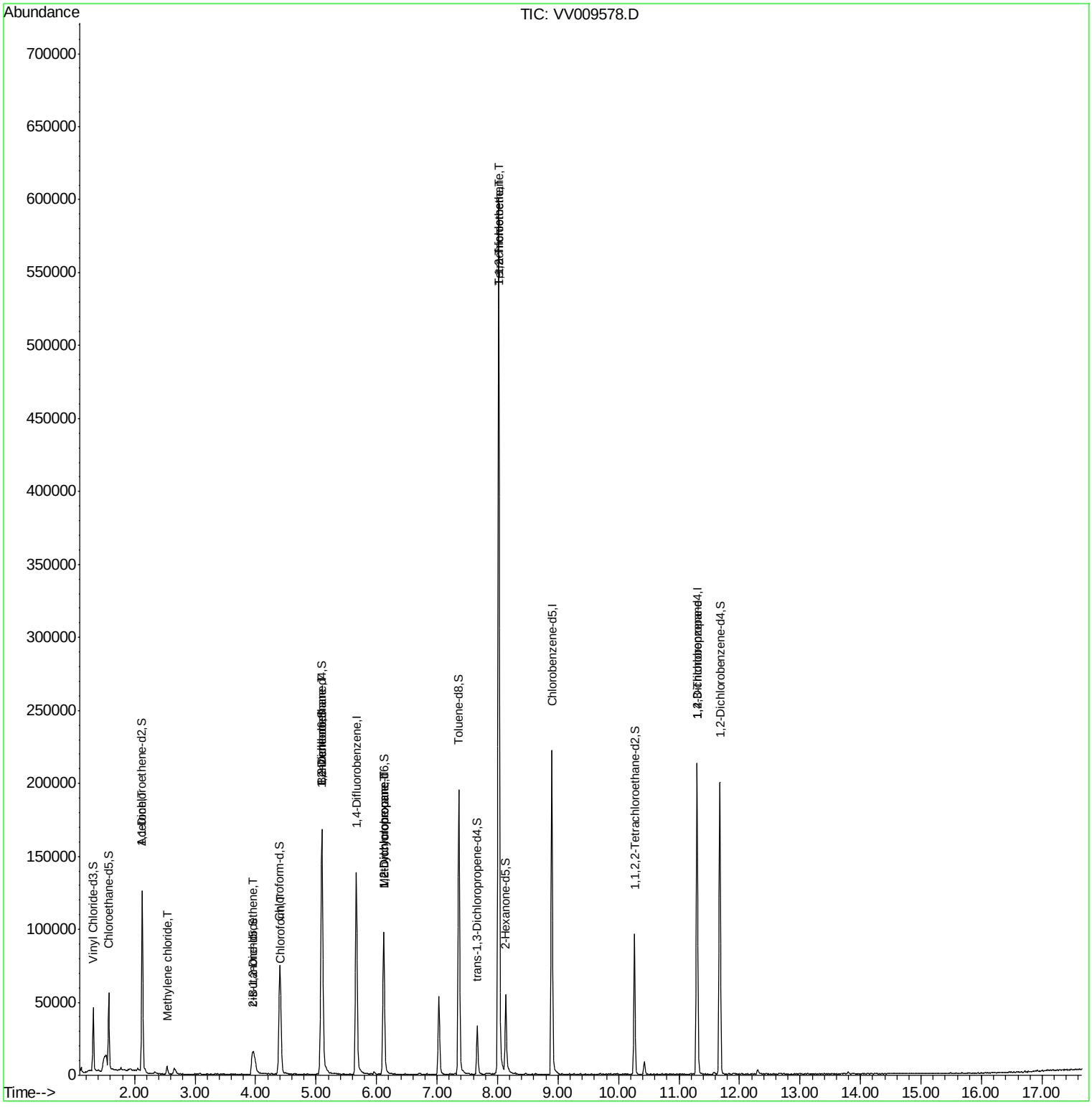
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

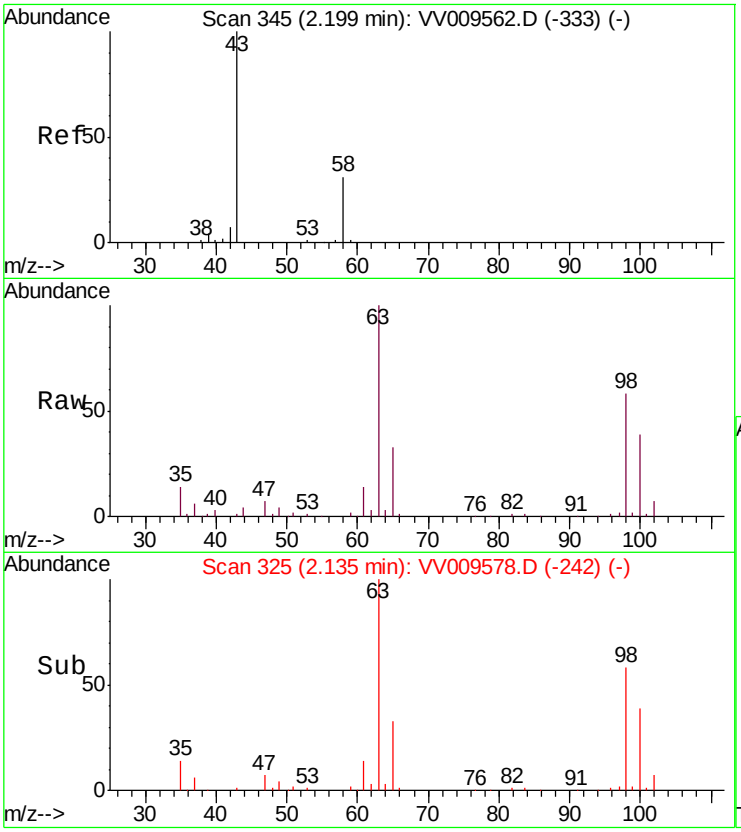
Quantitation Report (Not Reviewed)

Data File : VV009578.D
Acq On : 10 Mar 2019 20:12
Operator : SY/MD
Sample : K1818-05
Misc : 4.70G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF2L0

Quant Time: Mar 11 04:53:41 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



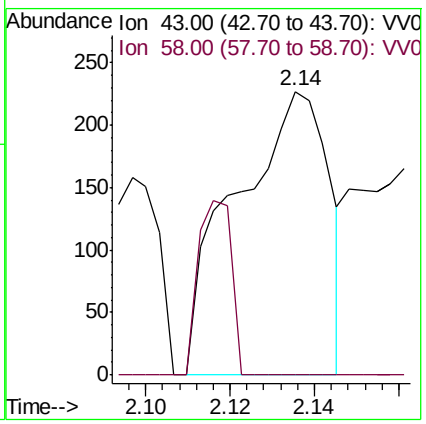


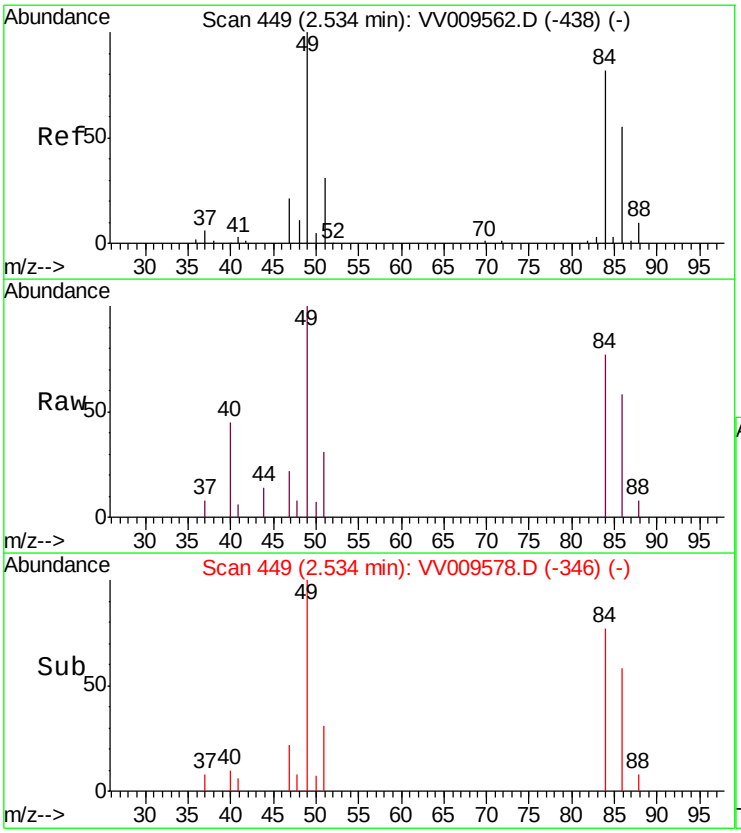
#13
Acetone
Concen: 0.712 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.06 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Instrument : MSVOA_V
ClientSampleId : BF2L0

Tgt Ion: 43 Resp: 348

Ion	Ratio	Lower	Upper
43	100		
58	21.8	0.0	68.8

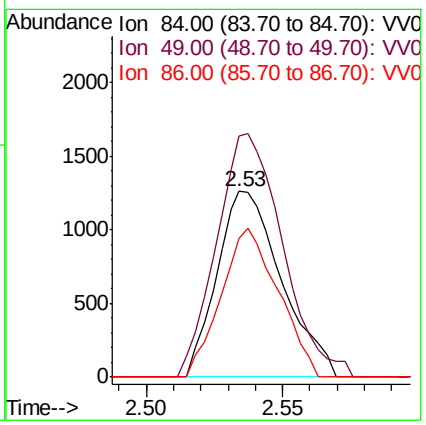


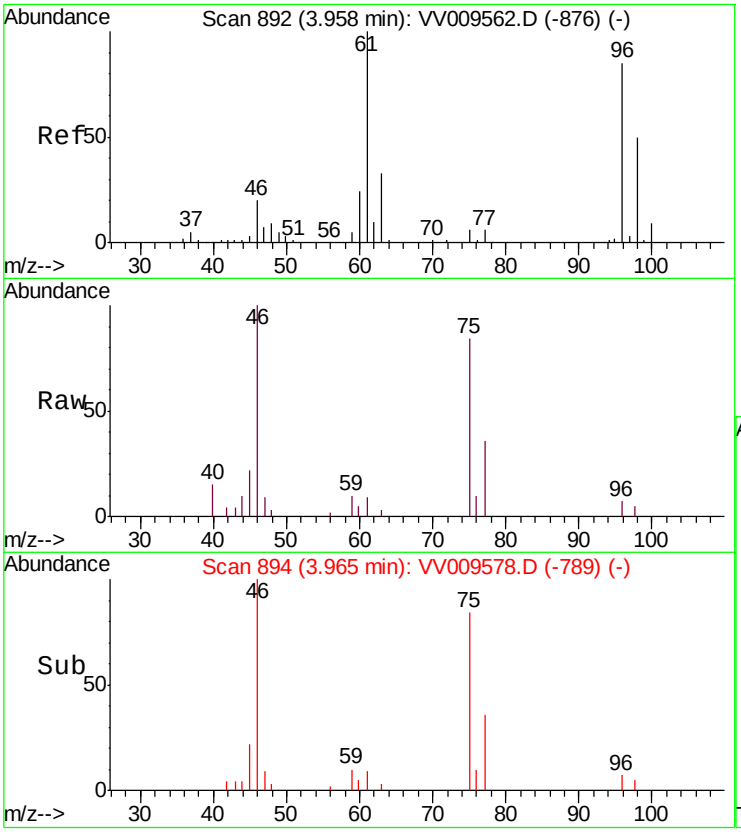


#16
Methylene chloride
Concen: 1.350 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Tgt Ion: 84 Resp: 2076

Ion	Ratio	Lower	Upper
84	100		
49	129.5	84.6	157.0
86	74.9	46.1	85.7



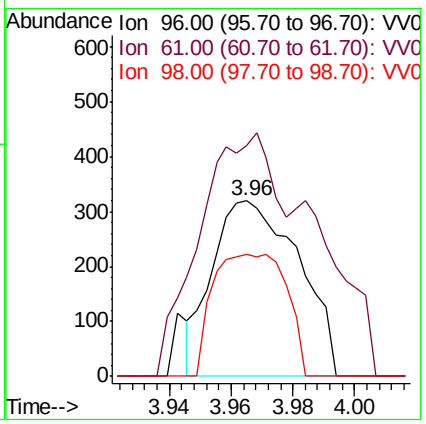


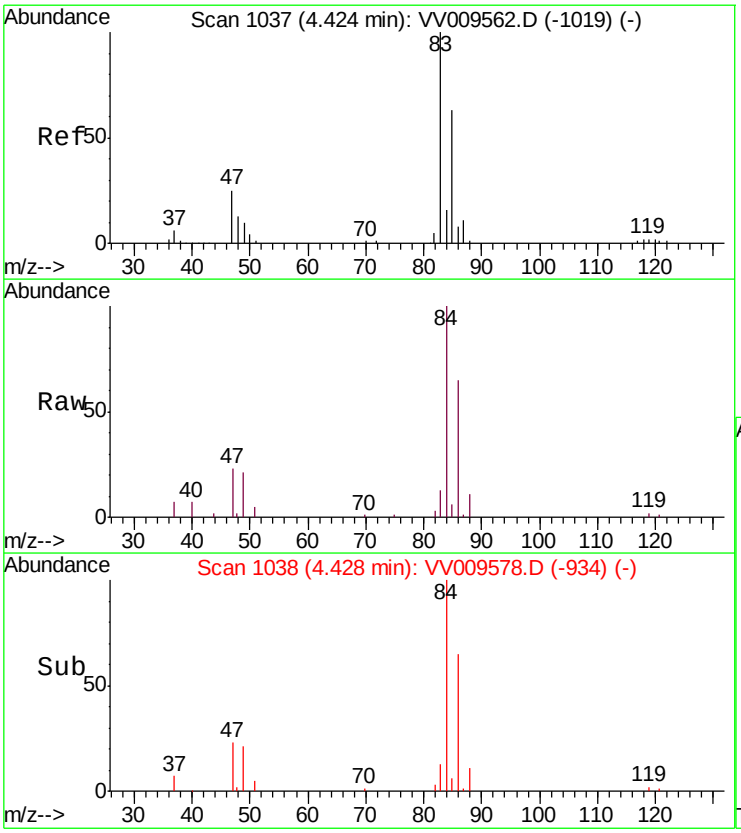
#22
cis-1,2-Dichloroethene
Concen: 0.394 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Instrument : MSVOA_V
ClientSampleId : BF2L0

Tgt Ion: 96 Resp: 622

Ion	Ratio	Lower	Upper
96	100		
61	132.0	87.2	161.9
98	69.6	44.6	82.8

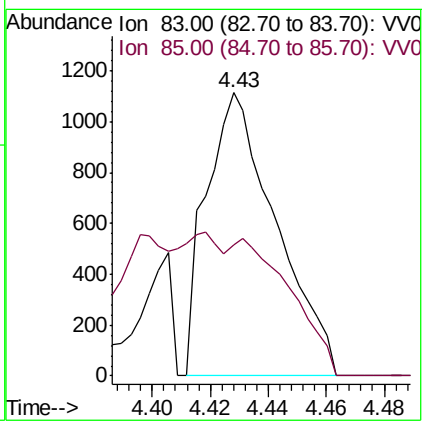


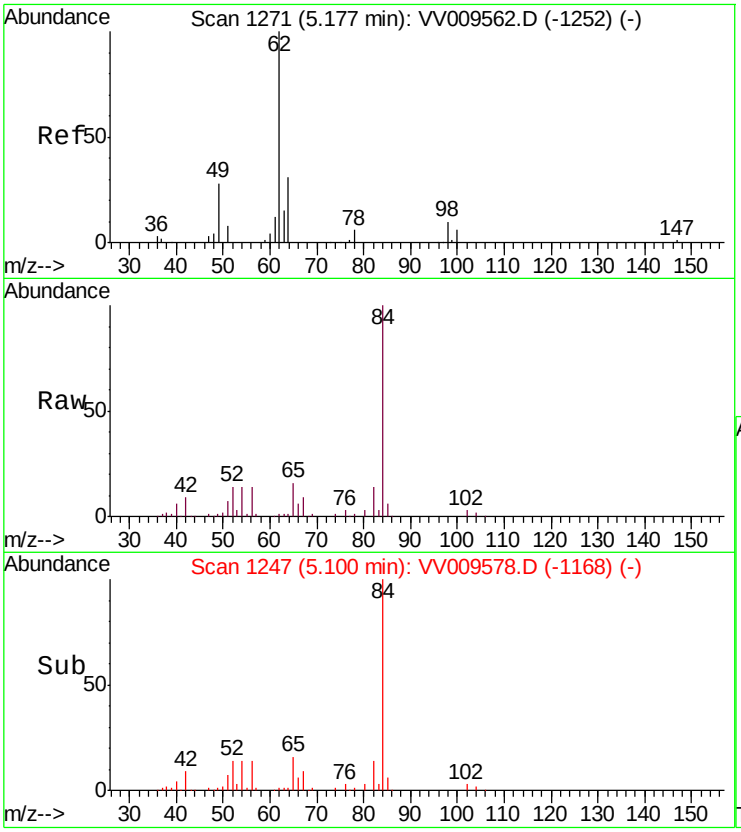


#25
Chloroform
Concen: 0.677 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Tgt Ion: 83 Resp: 1862

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.4	84.2#



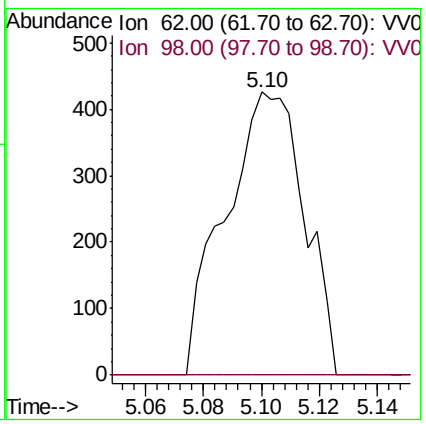


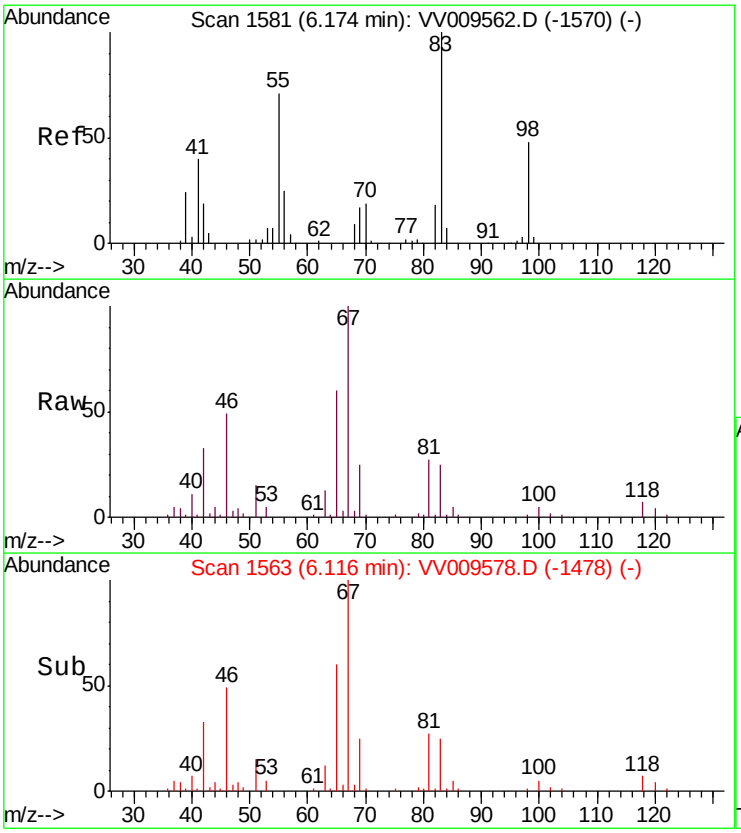
#27
1,2-Dichloroethane
Concen: 0.422 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.08 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Instrument : MSVOA_V
ClientSampleId : BF2L0

Tgt Ion: 62 Resp: 807

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

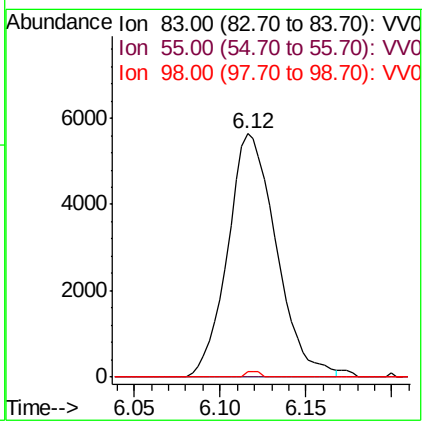


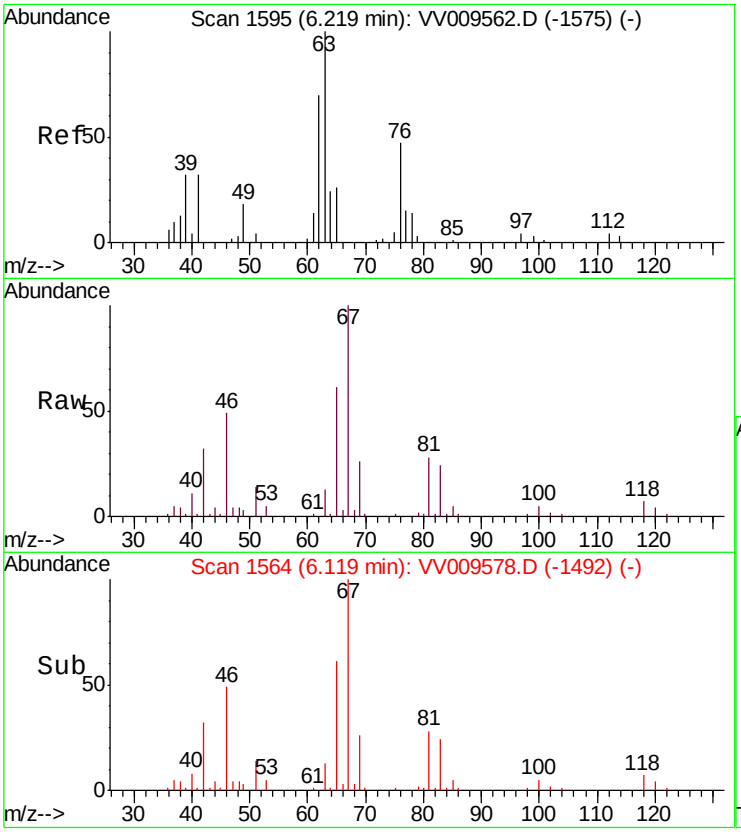


#36
Methylcyclohexane
Concen: 3.825 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Tgt Ion: 83 Resp: 11063

Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.8	88.2#
98	0.7	37.7	56.5#



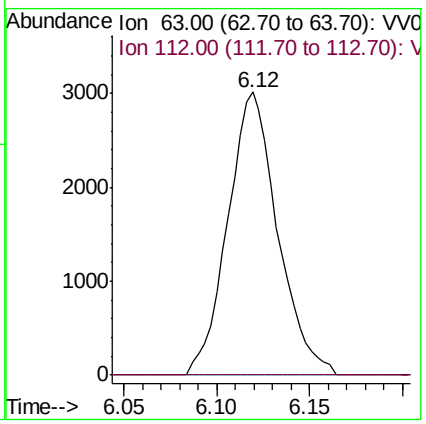


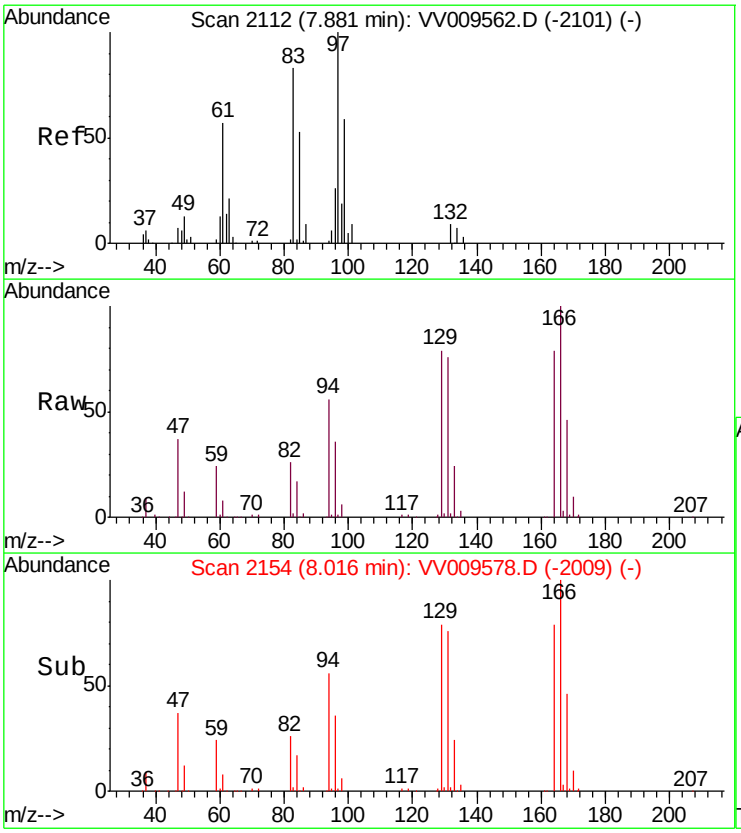
#40
1,2-Dichloropropane
Concen: 3.544 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Instrument : MSVOA_V
ClientSampleId : BF2L0

Tgt Ion: 63 Resp: 5646

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

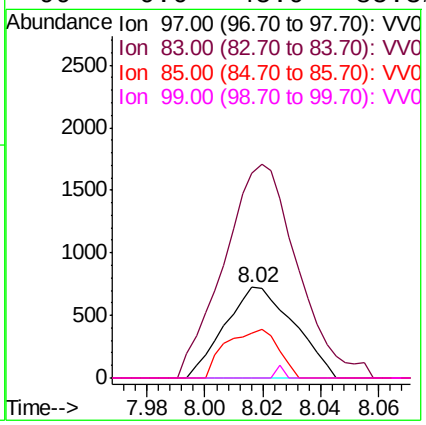


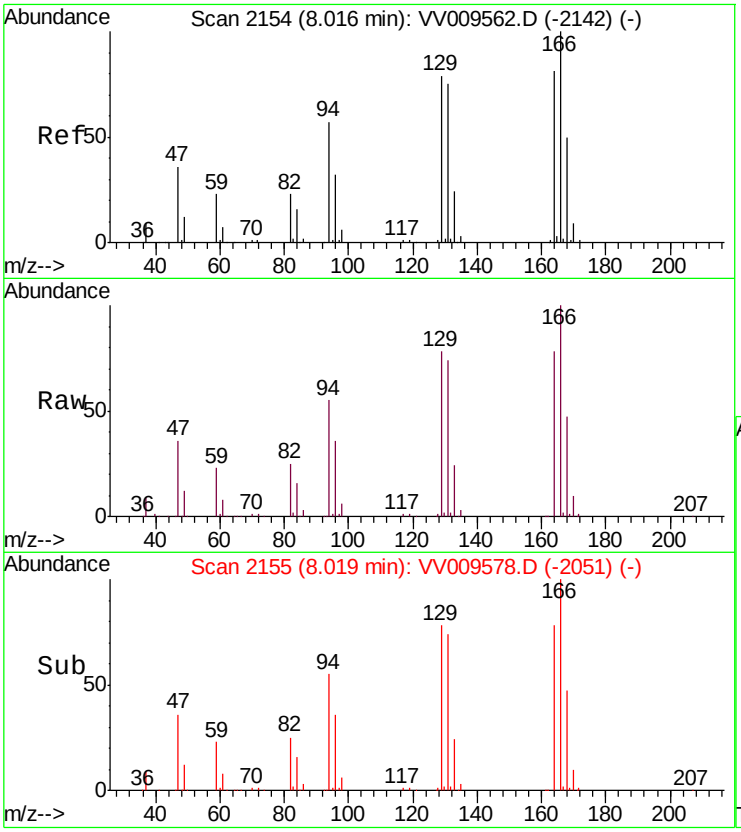


#46
1,1,2-Trichloroethane
Concen: 0.911 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.14 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Tgt Ion: 97 Resp: 1205

Ion	Ratio	Lower	Upper
97	100		
83	226.7	63.8	118.6#
85	49.0	39.5	73.4
99	0.0	45.9	85.3#



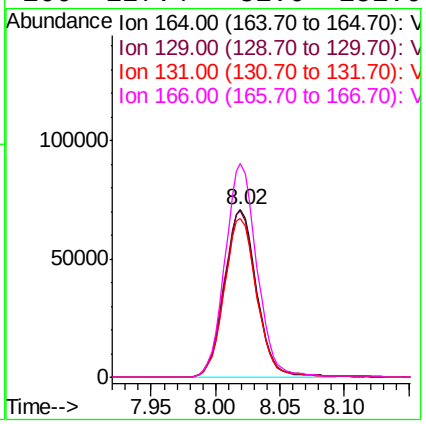


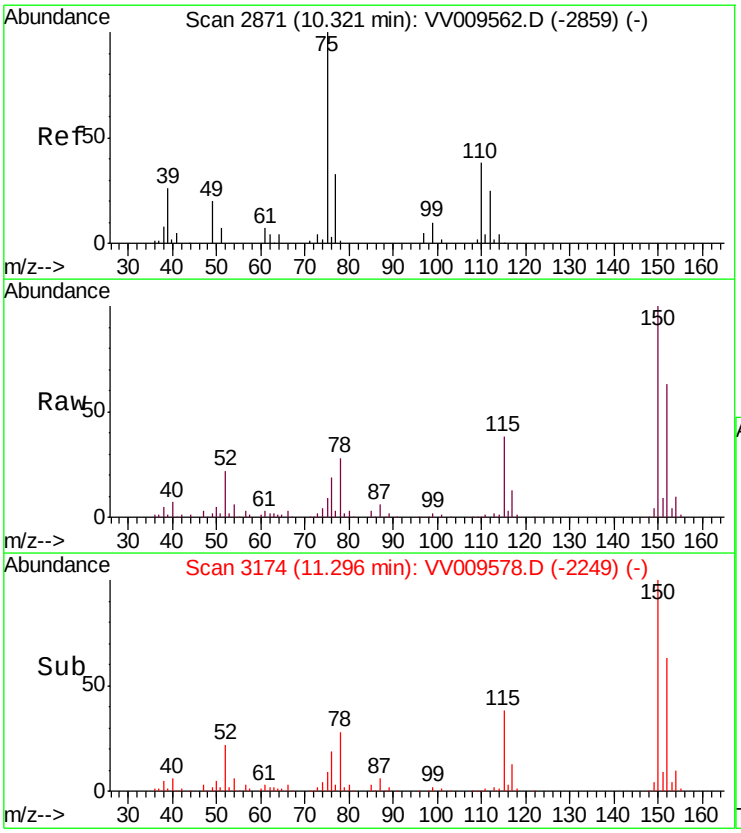
#47
Tetrachloroethene
Concen: 91.178 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Instrument :
MSVOA_V
ClientSampleId :
BF2L0

Tgt Ion:164 Resp: 122784

Ion	Ratio	Lower	Upper
164	100		
129	99.3	67.7	125.7
131	94.9	67.5	125.3
166	127.4	81.6	151.6





#59
1,2,3-Trichloropropane
Concen: 5.669 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009578.D
Acq: 10 Mar 2019 20:12

Tgt Ion: 75 Resp: 7637

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.9	38.9