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

Quantitation Report (Not Reviewed)

Data File : VV009569.D
Acq On : 10 Mar 2019 16:14
Operator : SY/MD
Sample : K1818-15
Misc : 6.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0R5

Quant Time: Mar 11 04:52:10 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	5.66	114	150490	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67809	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27359	15.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 60.40%			
7) Chloroethane-d5	1.57	69	32319	12.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 49.36%			
10) 1,1-Dichloroethene-d2	2.13	63	69710	14.79	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 59.16%			
20) 2-Butanone-d5	3.94	46	25363	41.09	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 82.18%			
24) Chloroform-d	4.40	84	63442	17.70	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 70.80%			
26) 1,2-Dichloroethane-d4	5.08	65	47387	23.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 92.96%			
29) Benzene-d6	5.10	84	150988	20.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.68%			
33) 1,2-Dichloropropane-d6	6.12	67	47900	21.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.72%			
37) Toluene-d8	7.36	98	145439	19.93	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.72%			
38) trans-1,3-Dichloropropene-	7.66	79	19964	18.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 74.60%			
39) 2-Hexanone-d5	8.13	63	18627	36.13	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 72.26%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48513	20.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 82.44%			
61) 1,2-Dichlorobenzene-d4	11.67	152	52561	21.23	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 84.92%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.14	101	2894	0.693	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	2.14	101	2894	1.238	ug/L	94
12) 1,1-Dichloroethene	2.14	96	8084	4.040	ug/L #	1
13) Acetone	2.19	43	4356	6.940	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	5453	2.688	ug/L	96
25) Chloroform	4.42	83	14494	4.101	ug/L	99
27) 1,2-Dichloroethane	5.10	62	745	0.304	ug/L #	77
35) Trichloroethene	5.96	95	4148	1.848	ug/L	97
36) Methylcyclohexane	6.12	83	11496	3.144	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	5653	2.807	ug/L #	89
42) cis-1,3-Dichloropropene	7.03	75	2119	0.678	ug/L	90
47) Tetrachloroethene	8.04	164	10942565	6428.163	ug/L	94

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

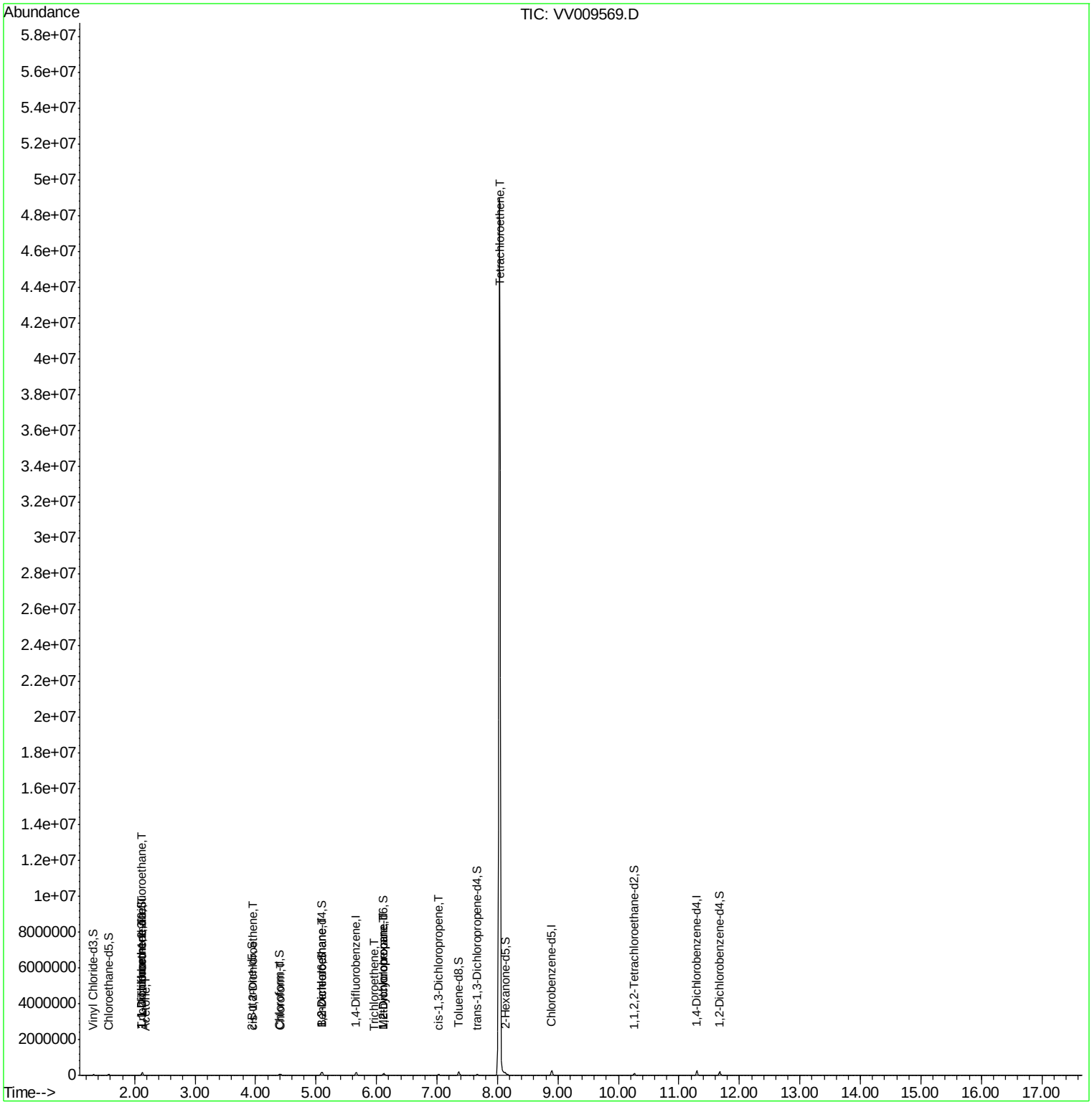
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV031019\

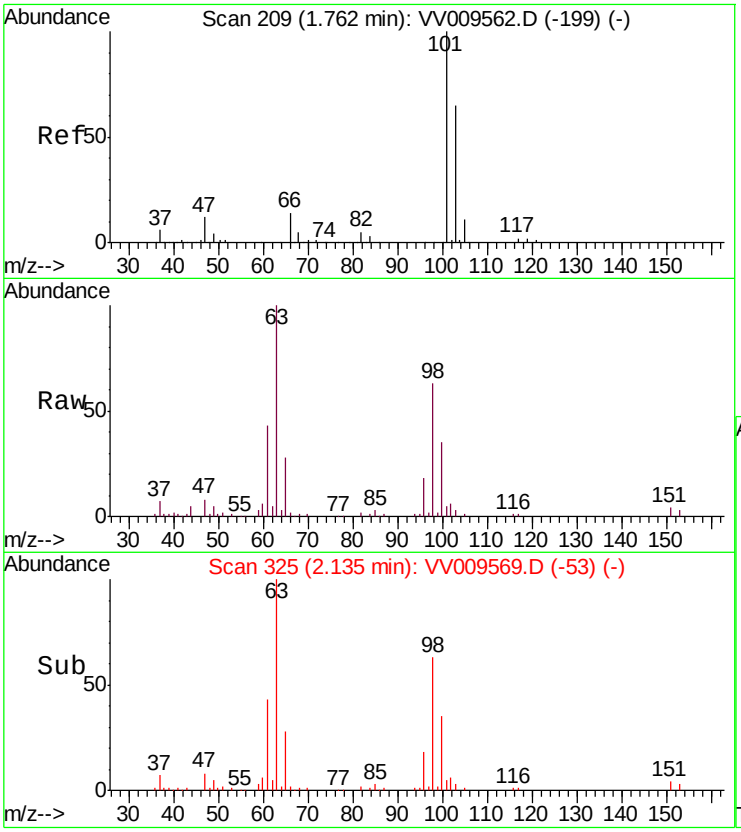
Quantitation Report (Not Reviewed)

Data File : VV009569.D
Acq On : 10 Mar 2019 16:14
Operator : SY/MD
Sample : K1818-15
Misc : 6.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0R5

Quant Time: Mar 11 04:52:10 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



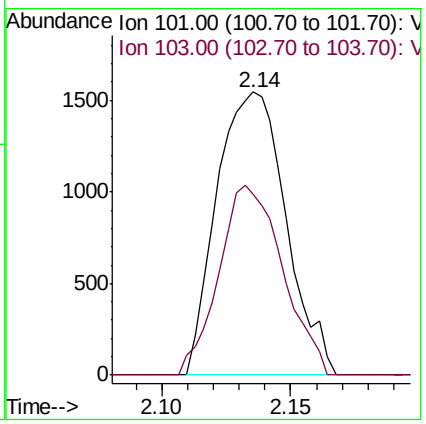


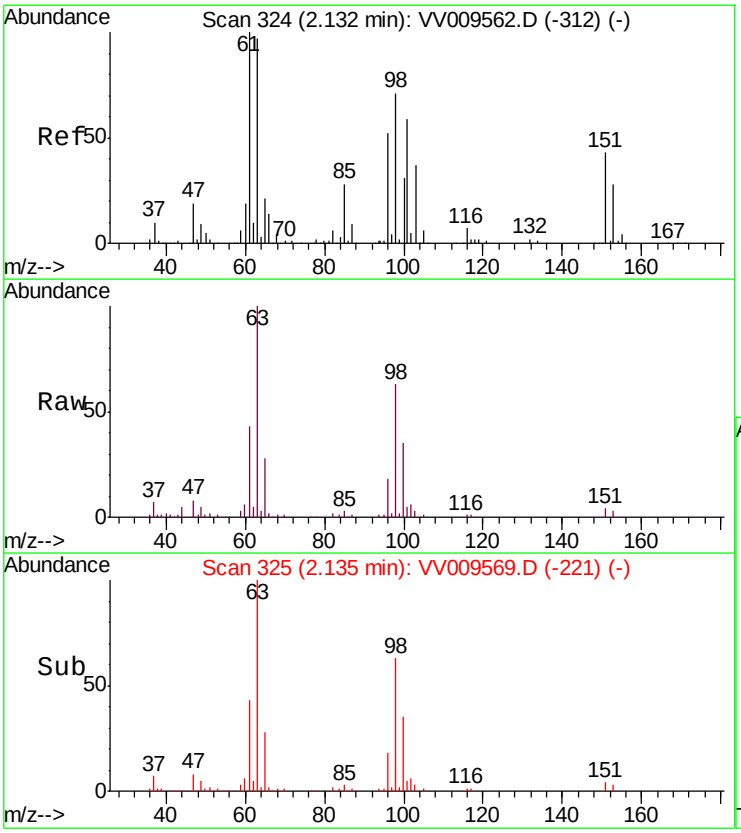
#9
Trichlorofluoromethane
Concen: 0.693 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.37 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Instrument :
MSVOA_V
ClientSampleId :
BF0R5

Tgt Ion:101 Resp: 2894

Ion	Ratio	Lower	Upper
101	100		
103	61.7	44.7	83.1

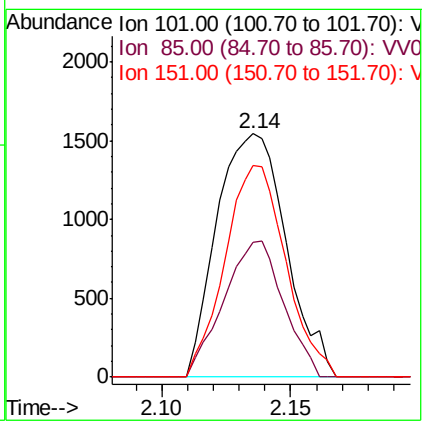


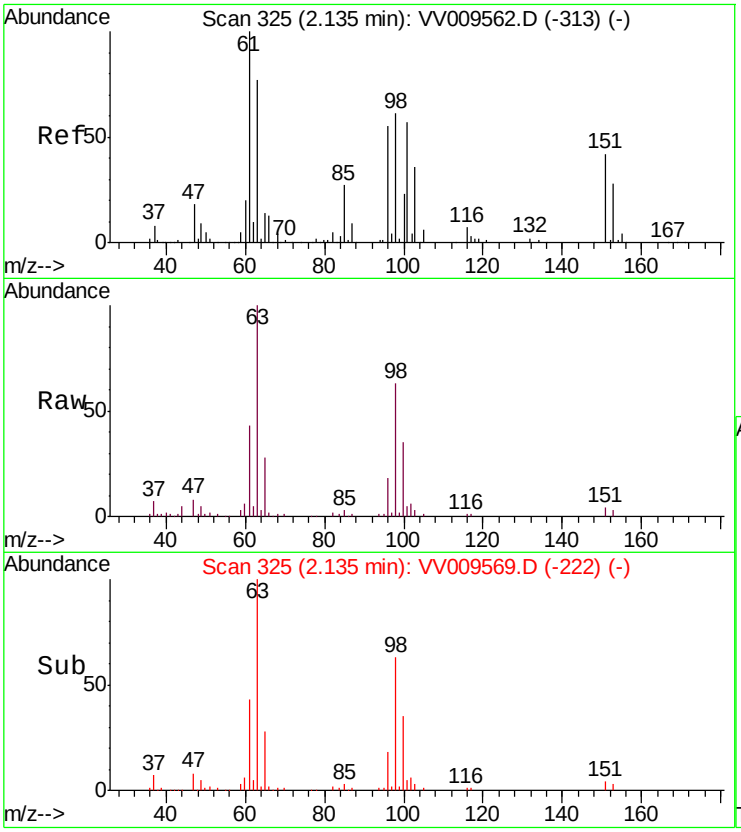


#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.238 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Tgt Ion:101 Resp: 2894

Ion	Ratio	Lower	Upper
101	100		
85	48.1	40.1	60.1
151	76.5	55.9	83.9



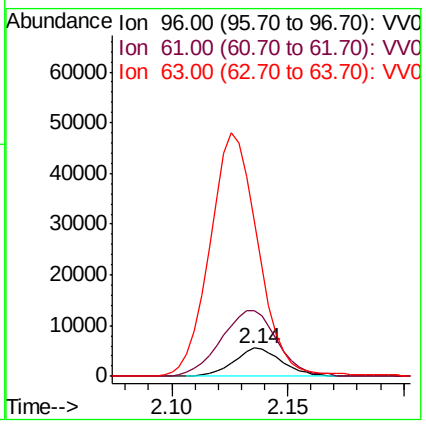


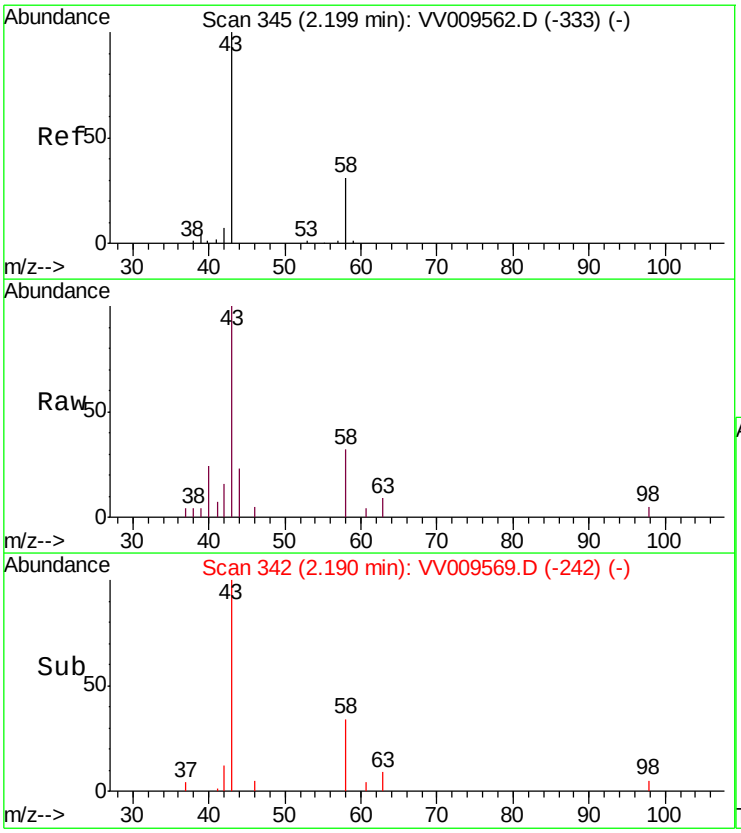
#12
1,1-Dichloroethene
Concen: 4.040 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Instrument :
MSVOA_V
ClientSampleId :
BF0R5

Tgt Ion: 96 Resp: 8084

Ion	Ratio	Lower	Upper
96	100		
61	236.5	136.9	254.3
63	552.0	108.7	201.9#

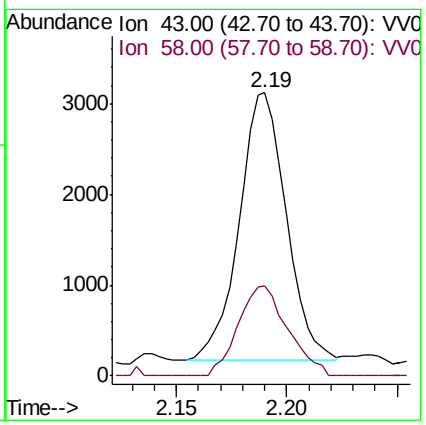


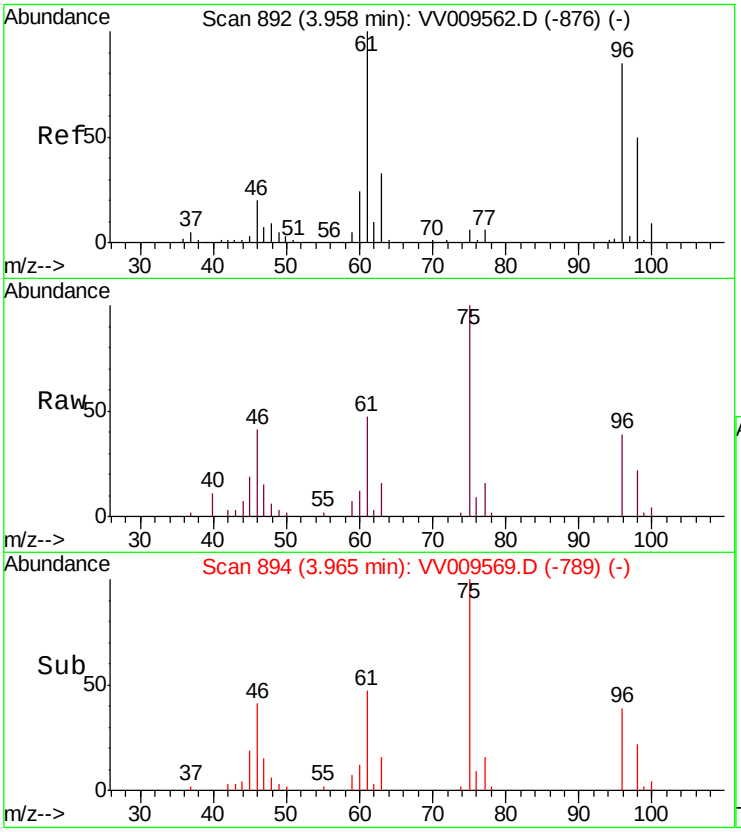


#13
Acetone
Concen: 6.940 ug/L
RT: 2.19 min Scan# 342
Delta R.T. -0.01 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Tgt Ion: 43 Resp: 4356

Ion	Ratio	Lower	Upper
43	100		
58	35.6	0.0	68.8



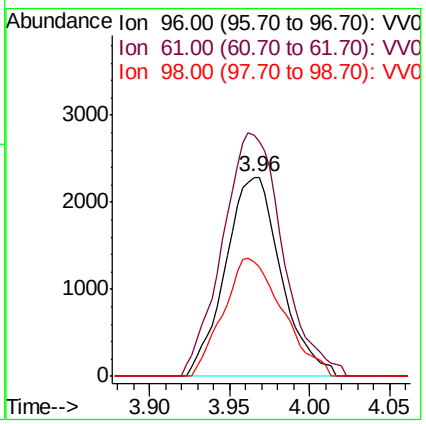


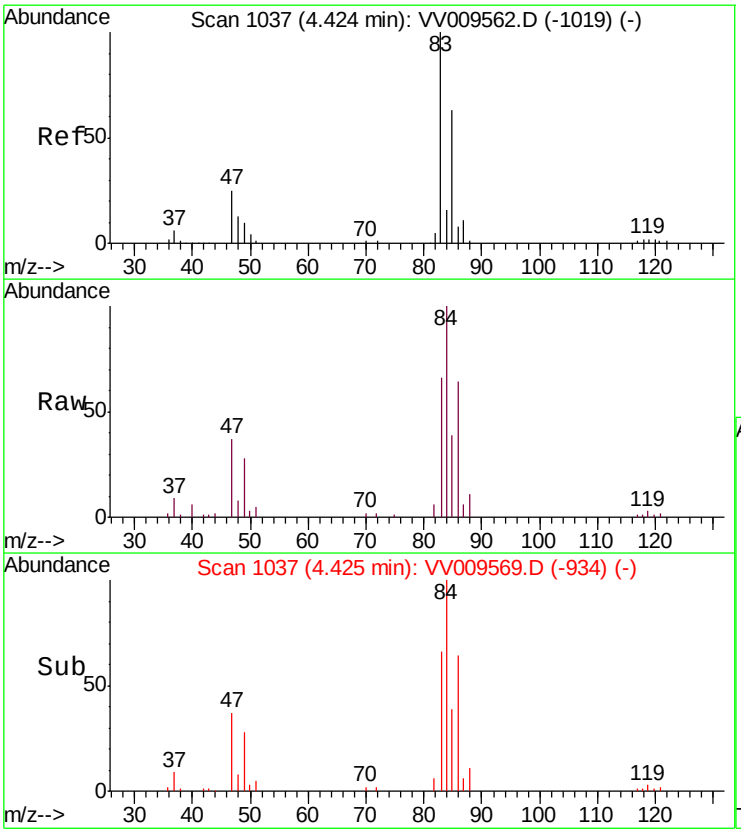
#22
cis-1,2-Dichloroethene
Concen: 2.688 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Instrument :
MSVOA_V
ClientSampleId :
BF0R5

Tgt Ion: 96 Resp: 5453

Ion	Ratio	Lower	Upper
96	100		
61	121.4	87.2	161.9
98	57.7	44.6	82.8

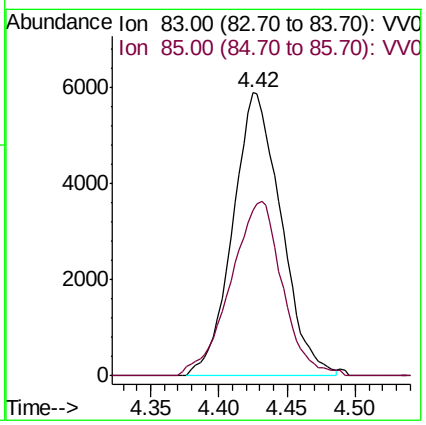


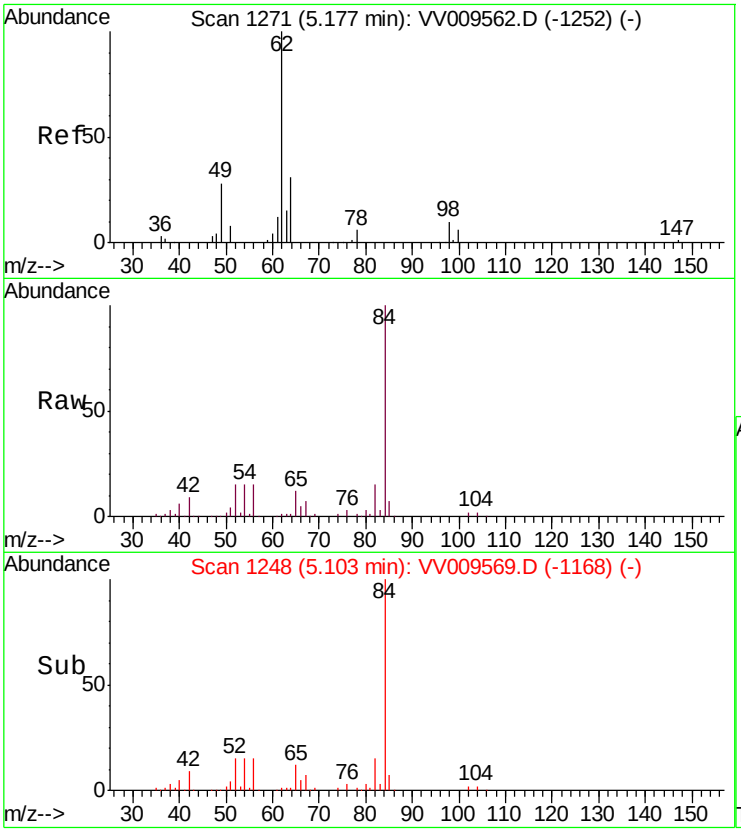


#25
Chloroform
Concen: 4.101 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Tgt Ion: 83 Resp: 14494

Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.4	84.2



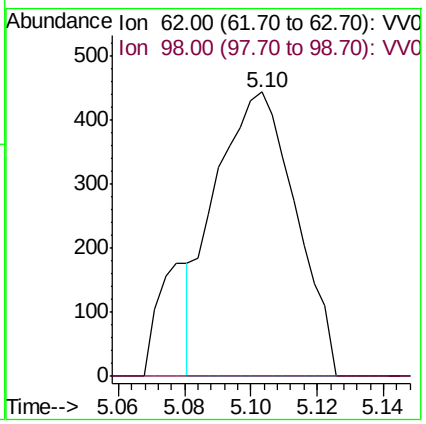


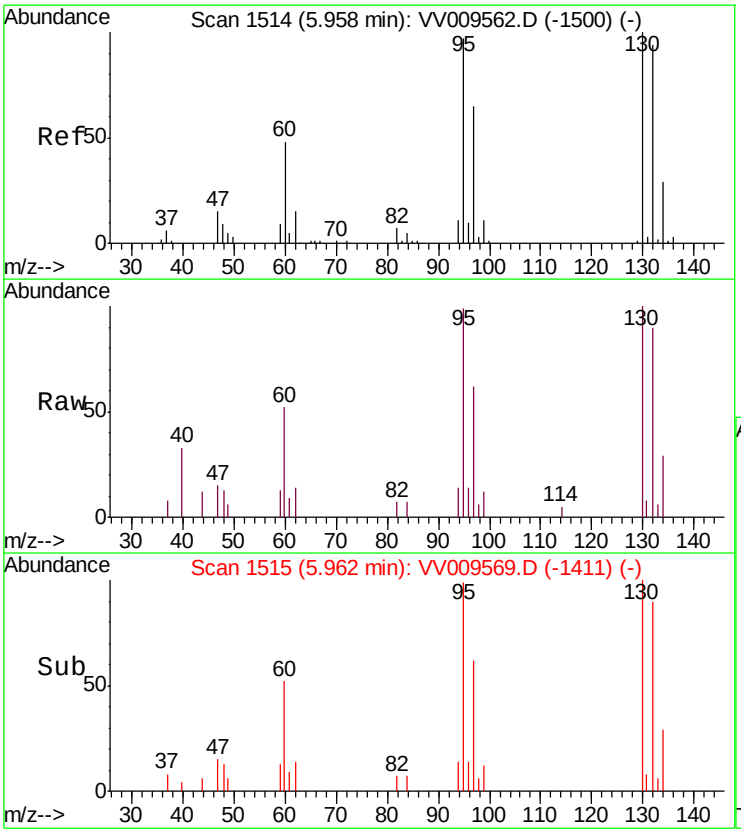
#27
1,2-Dichloroethane
Concen: 0.304 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.07 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Instrument : MSVOA_V
ClientSampleId : BF0R5

Tgt Ion: 62 Resp: 745

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

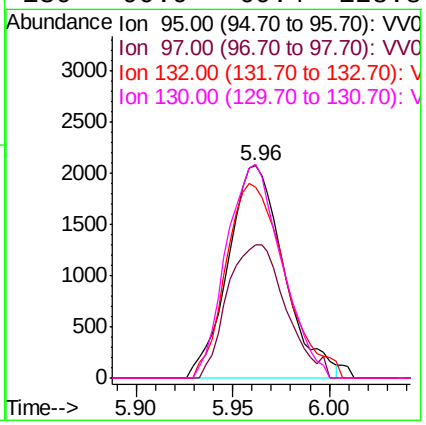


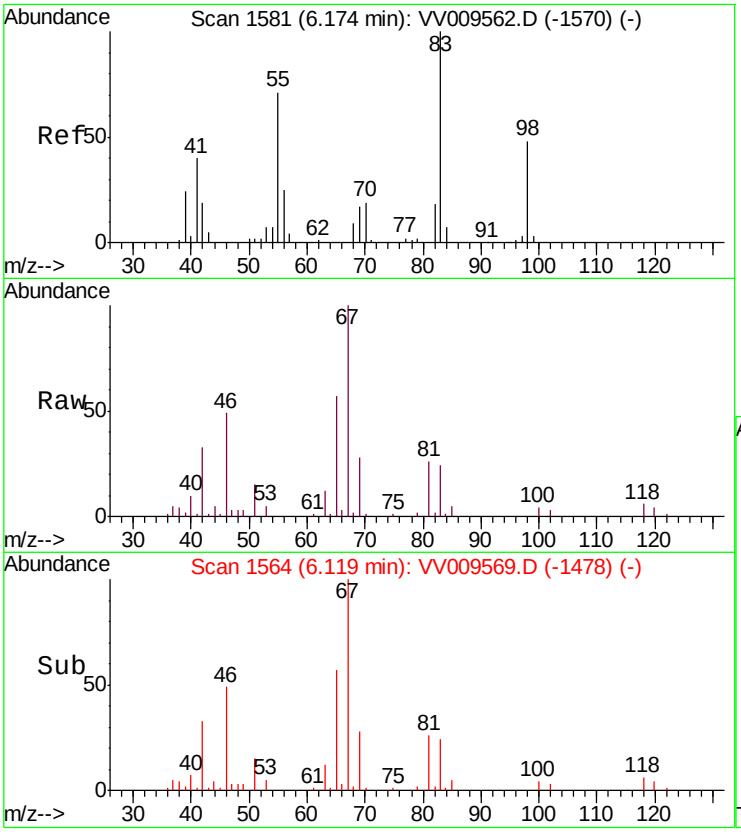


#35
Trichloroethene
Concen: 1.848 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Tgt Ion: 95 Resp: 4148

Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.3	82.3
132	96.7	64.4	119.6
130	99.9	69.4	128.8



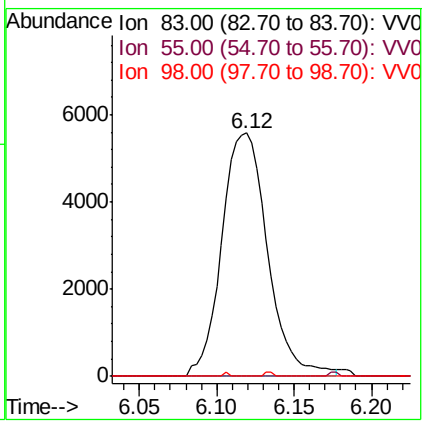


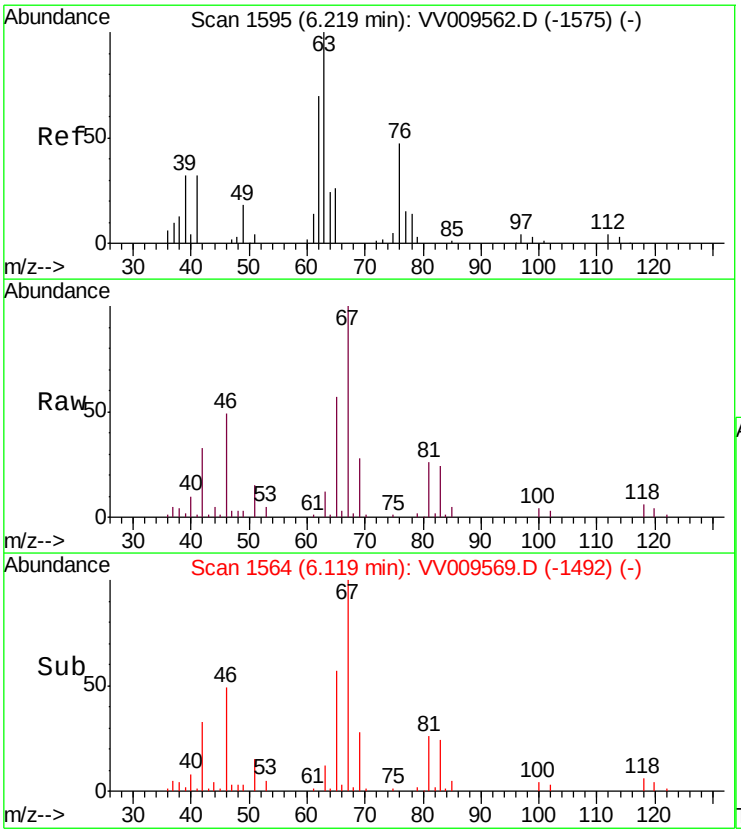
#36
Methylcyclohexane
Concen: 3.144 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Instrument : MSVOA_V
ClientSampleId : BF0R5

Tgt Ion: 83 Resp: 11496

Ion	Ratio	Lower	Upper
83	100		
55	0.4	58.8	88.2#
98	0.3	37.7	56.5#

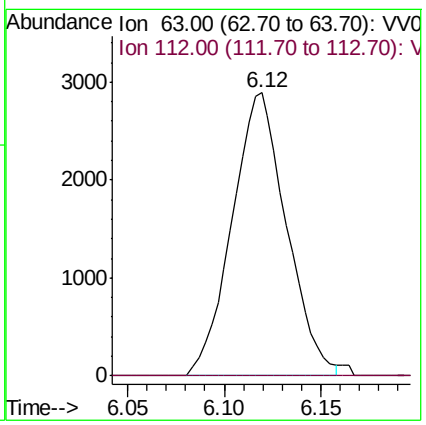


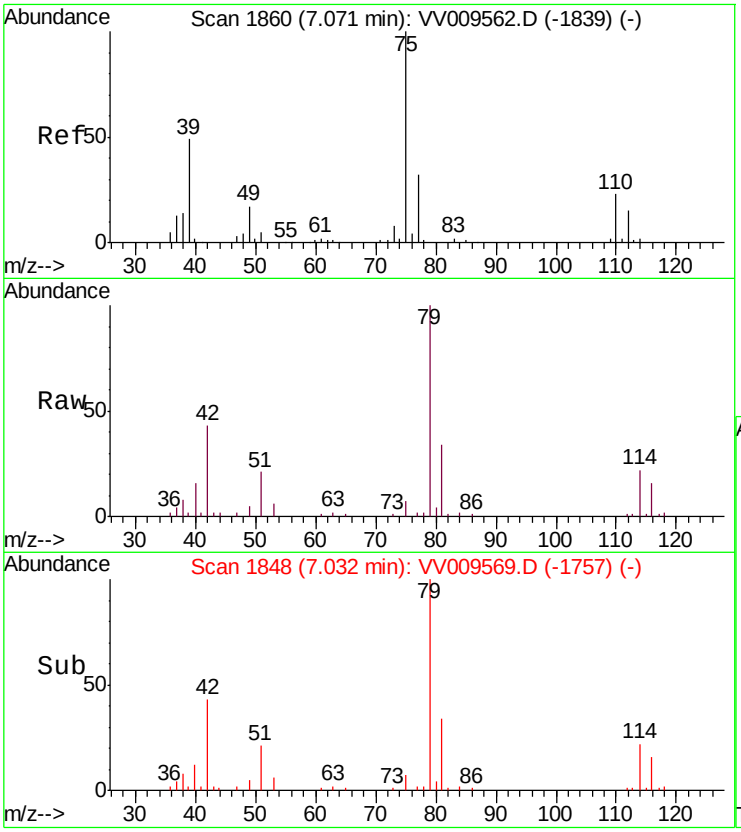


#40
1,2-Dichloropropane
Concen: 2.807 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Tgt Ion: 63 Resp: 5653

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



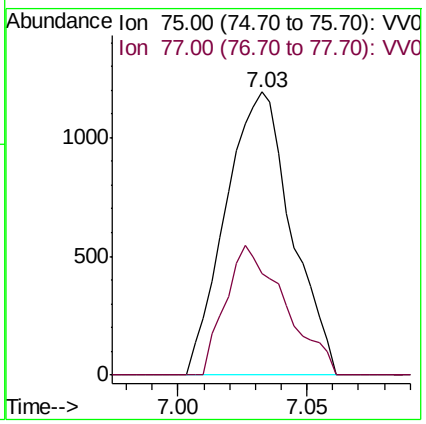


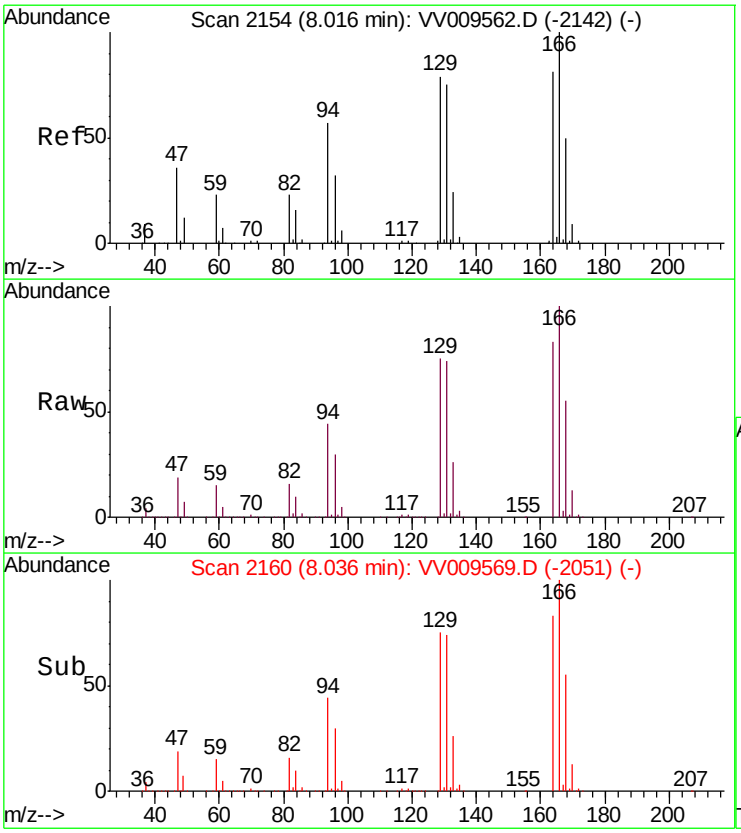
#42
cis-1,3-Dichloropropene
Concen: 0.678 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Instrument :
MSVOA_V
ClientSampleId :
BF0R5

Tgt Ion: 75 Resp: 2119

Ion	Ratio	Lower	Upper
75	100		
77	36.0	21.4	39.8





#47
Tetrachloroethene
Concen: 6428.163 ug/L
RT: 8.04 min Scan# 2160
Delta R.T. 0.02 min
Lab File: VV009569.D
Acq: 10 Mar 2019 16:14

Tgt Ion:164 Resp:10942565

Ion	Ratio	Lower	Upper
164	100		
129	90.6	67.7	125.7
131	88.8	67.5	125.3
166	120.1	81.6	151.6