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

Quantitation Report (Not Reviewed)

Data File : VV009580.D
Acq On : 10 Mar 2019 21:05
Operator : SY/MD
Sample : K1818-14
Misc : 5.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0R4

Quant Time: Mar 11 04:54:00 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	116357	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	117085	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	52009	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	22550	16.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 64.40%			
7) Chloroethane-d5	1.57	69	28903	14.27	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 57.08%			
10) 1,1-Dichloroethene-d2	2.13	63	55704	15.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.12%			
20) 2-Butanone-d5	3.95	46	21608	45.27	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.54%			
24) Chloroform-d	4.40	84	61846	22.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.24%			
26) 1,2-Dichloroethane-d4	5.08	65	38625	24.49	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.96%			
29) Benzene-d6	5.10	84	117742	20.30	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 81.20%			
33) 1,2-Dichloropropane-d6	6.12	67	39000	22.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.16%			
37) Toluene-d8	7.36	98	110970	19.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.52%			
38) trans-1,3-Dichloropropene-	7.67	79	15994	19.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.16%			
39) 2-Hexanone-d5	8.14	63	16020	40.11	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 80.22%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39609	21.72	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.88%			
61) 1,2-Dichlorobenzene-d4	11.68	152	42373	22.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.28%			

Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	2501	0.775	ug/L	95
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2501	1.383	ug/L #	89
12) 1,1-Dichloroethene	2.14	96	6871	4.442	ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	5998	3.824	ug/L	94
35) Trichloroethene	5.96	95	4637	2.667	ug/L	95
36) Methylcyclohexane	6.12	83	9009	3.181	ug/L #	20
40) 1,2-Dichloropropane	6.12	63	4586	2.940	ug/L #	89
46) 1,1,2-Trichloroethane	8.03	97	80559	62.160	ug/L #	12
47) Tetrachloroethene	8.04	164	9372459	7107.074	ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	7526	5.705	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 : VV009580.D
Acq On : 10 Mar 2019 21:05
Operator : SY/MD
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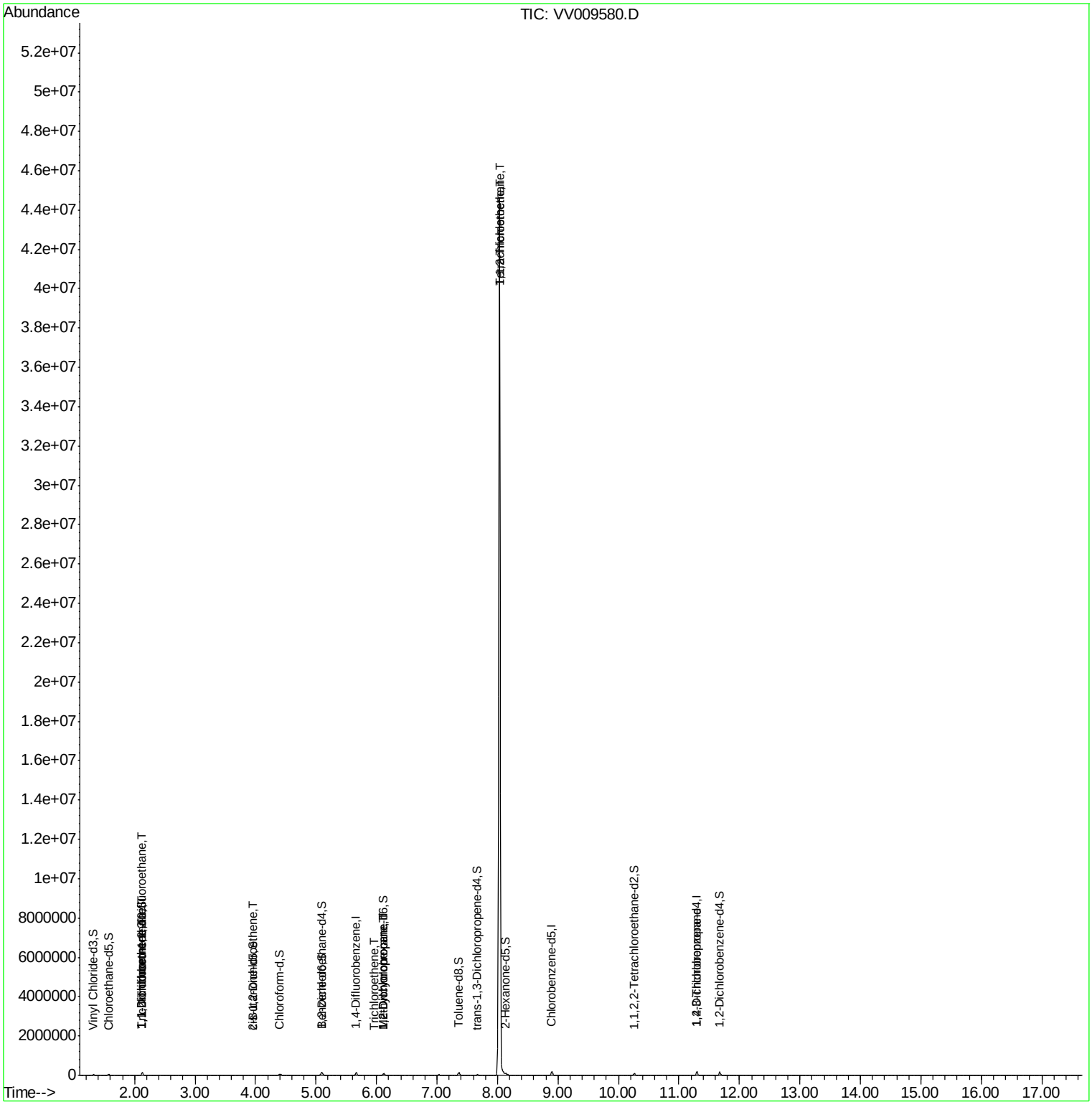
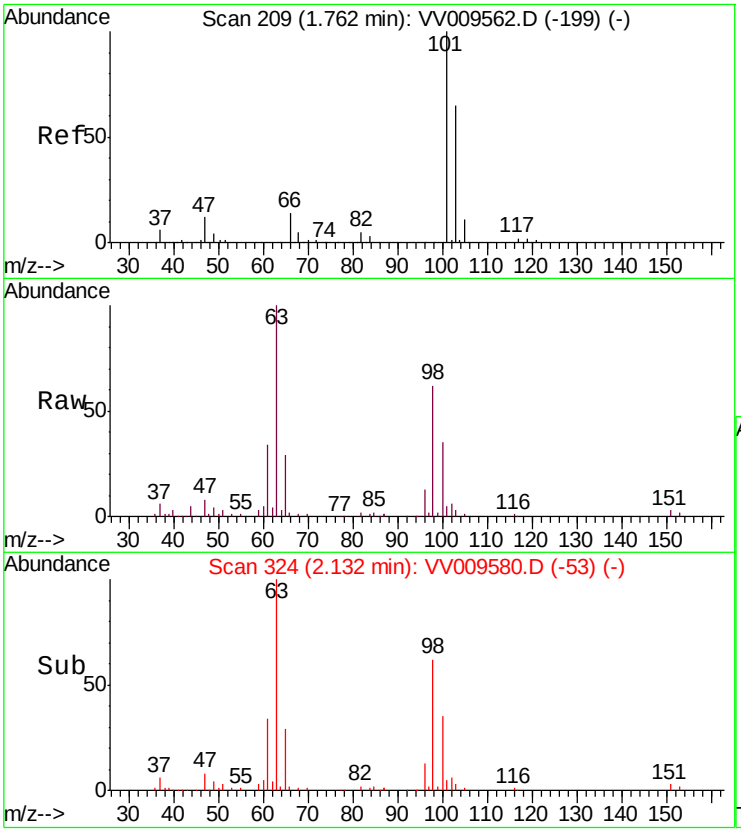
Misc : 5.88G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0R4

Quant Time: Mar 11 04:54:00 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



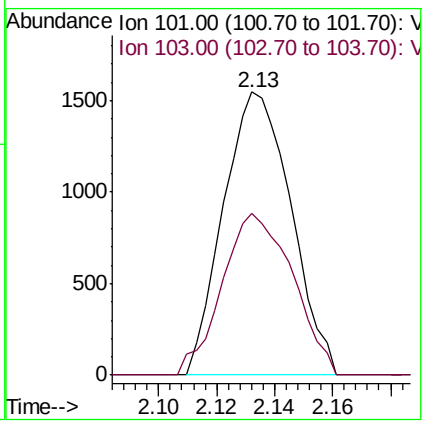


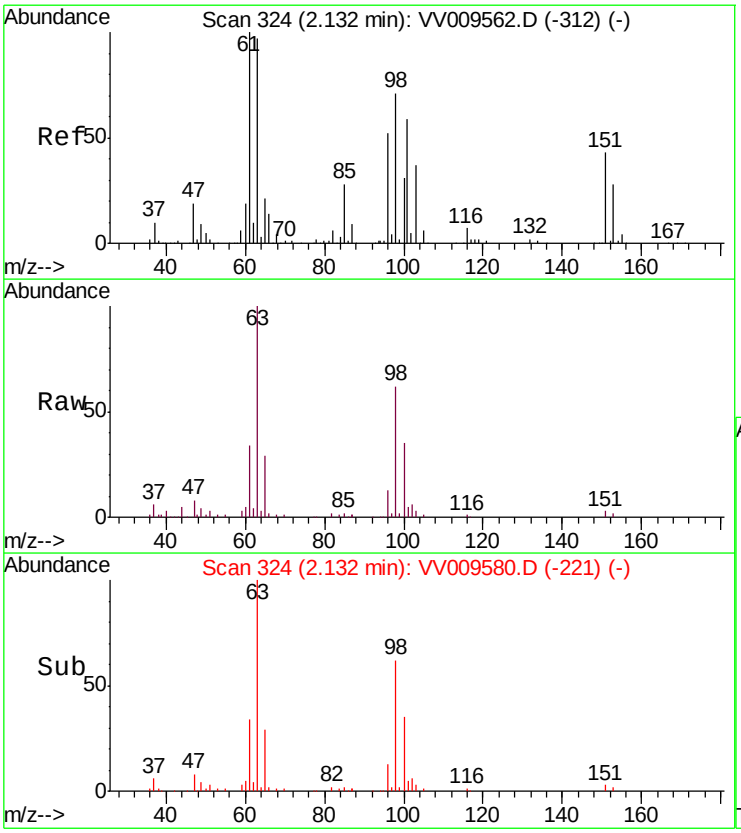
#9
Trichlorofluoromethane
Concen: 0.775 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.37 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BF0R4

Tgt Ion:101 Resp: 2501

Ion	Ratio	Lower	Upper
101	100		
103	59.7	44.7	83.1

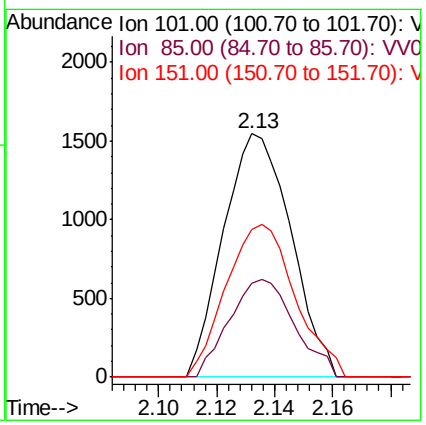


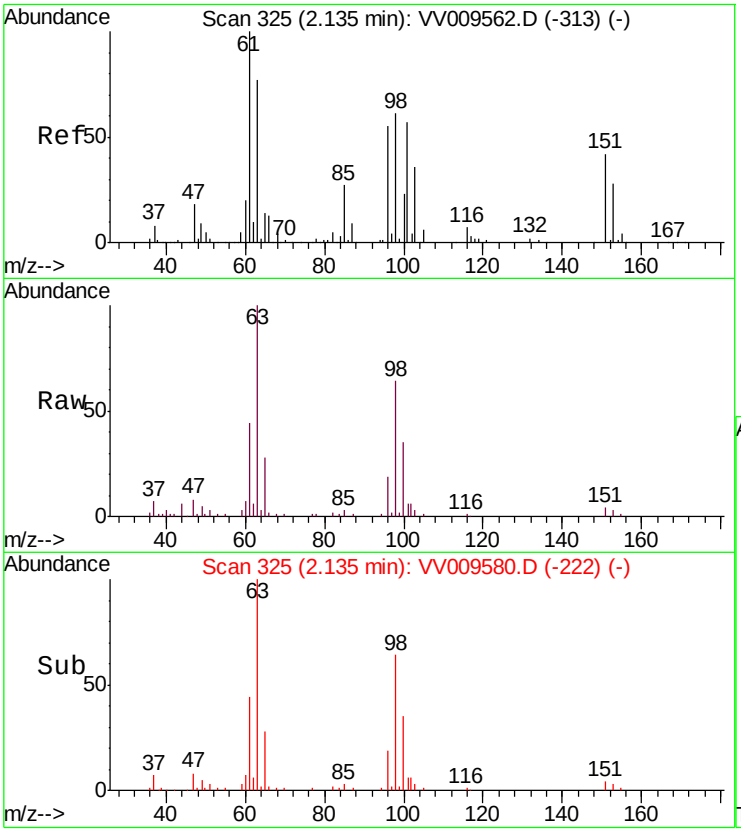


#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.383 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Tgt Ion:101 Resp: 2501

Ion	Ratio	Lower	Upper
101	100		
85	38.7	40.1	60.1#
151	64.4	55.9	83.9



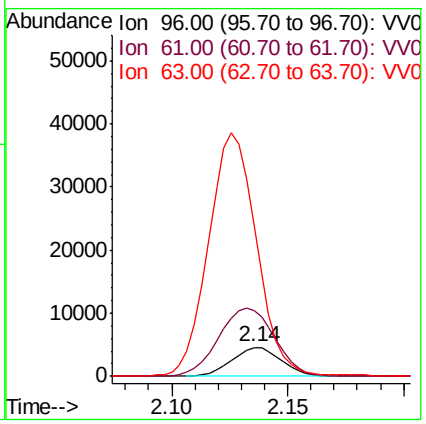


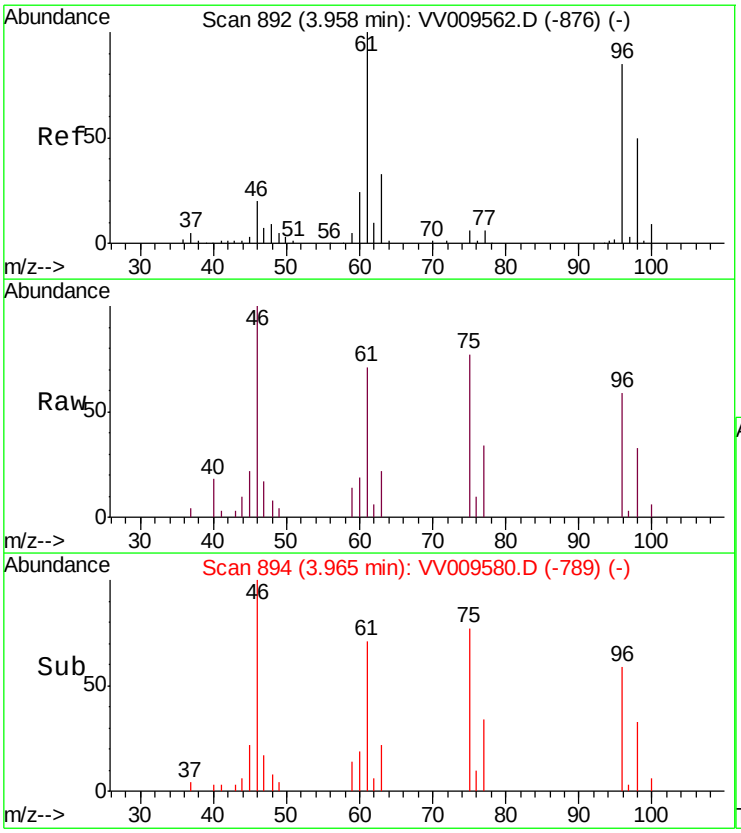
#12
1,1-Dichloroethene
Concen: 4.442 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.00 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BF0R4

Tgt Ion: 96 Resp: 6871

Ion	Ratio	Lower	Upper
96	100		
61	226.5	136.9	254.3
63	517.3	108.7	201.9#

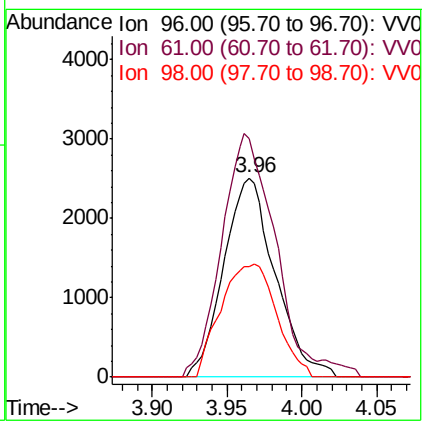


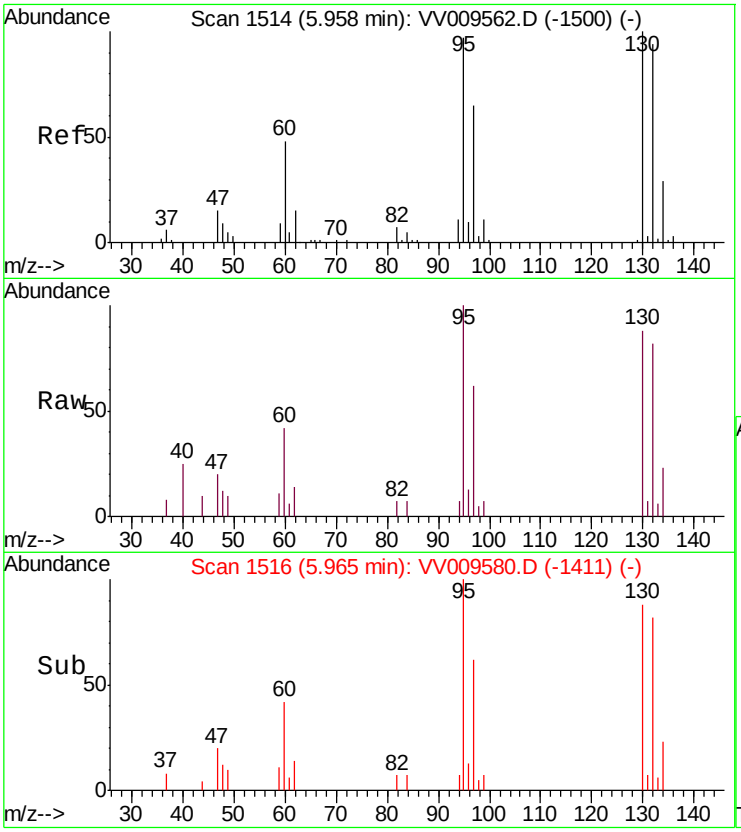


#22
cis-1,2-Dichloroethene
Concen: 3.824 ug/L
RT: 3.96 min Scan# 894
Delta R.T. 0.01 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Tgt Ion: 96 Resp: 5998

Ion	Ratio	Lower	Upper
96	100		
61	119.7	87.2	161.9
98	55.6	44.6	82.8



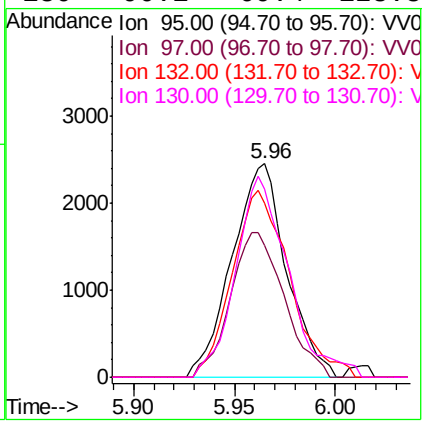


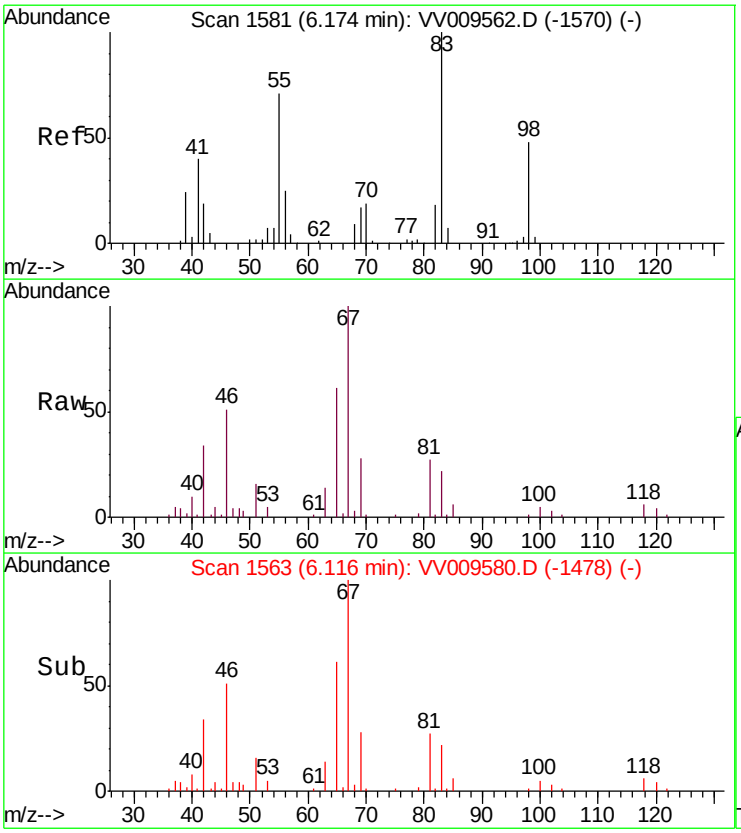
#35
Trichloroethene
Concen: 2.667 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BF0R4

Tgt Ion: 95 Resp: 4637

Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.3	82.3
132	91.8	64.4	119.6
130	90.1	69.4	128.8

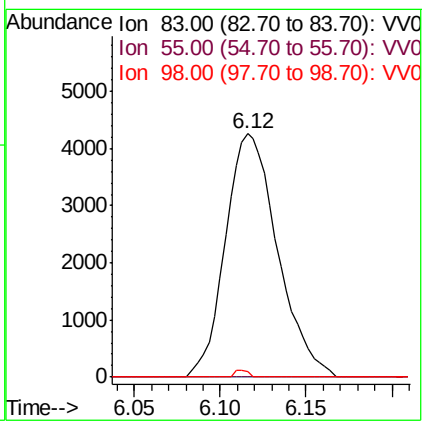


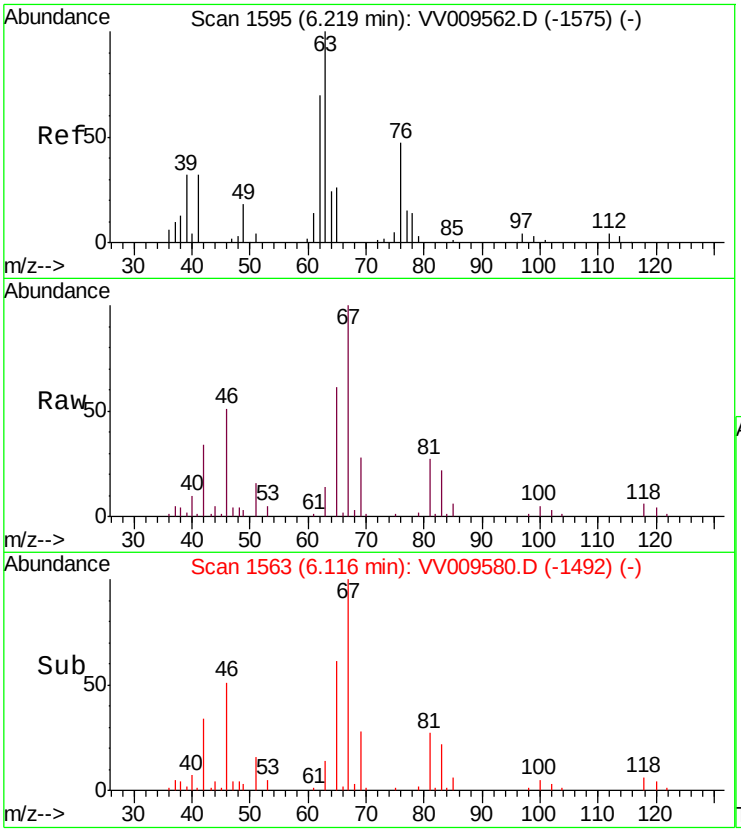


#36
Methylcyclohexane
Concen: 3.181 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Tgt Ion: 83 Resp: 9009

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



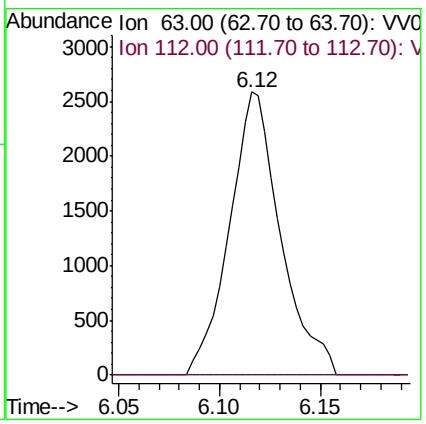


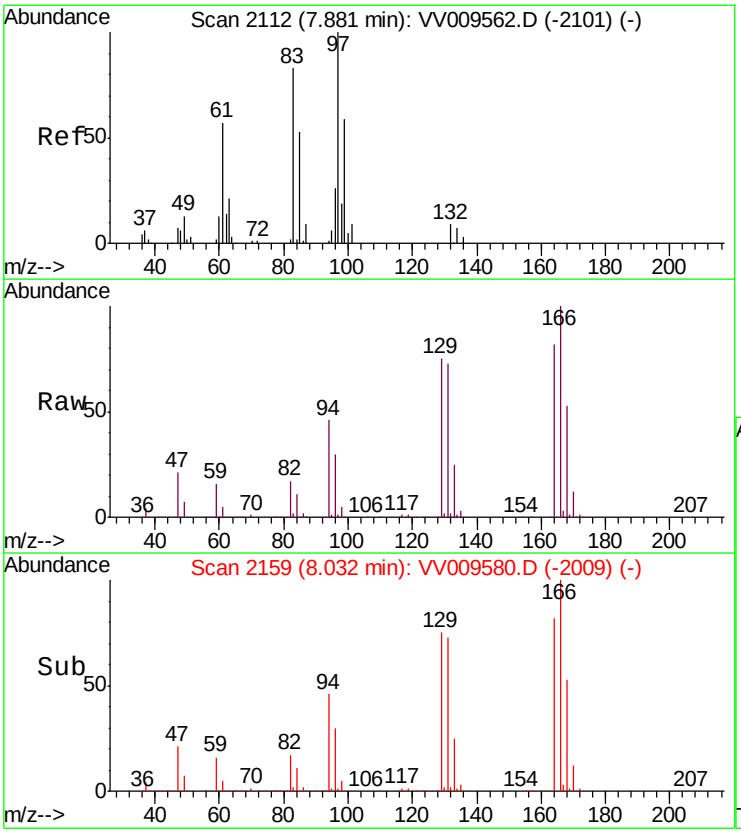
#40
1,2-Dichloropropane
Concen: 2.940 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Instrument : MSVOA_V
ClientSampleId : BF0R4

Tgt Ion: 63 Resp: 4586

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#

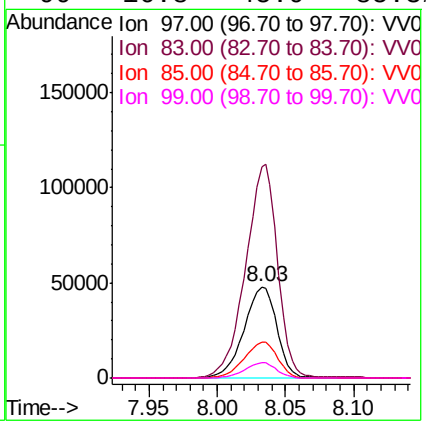


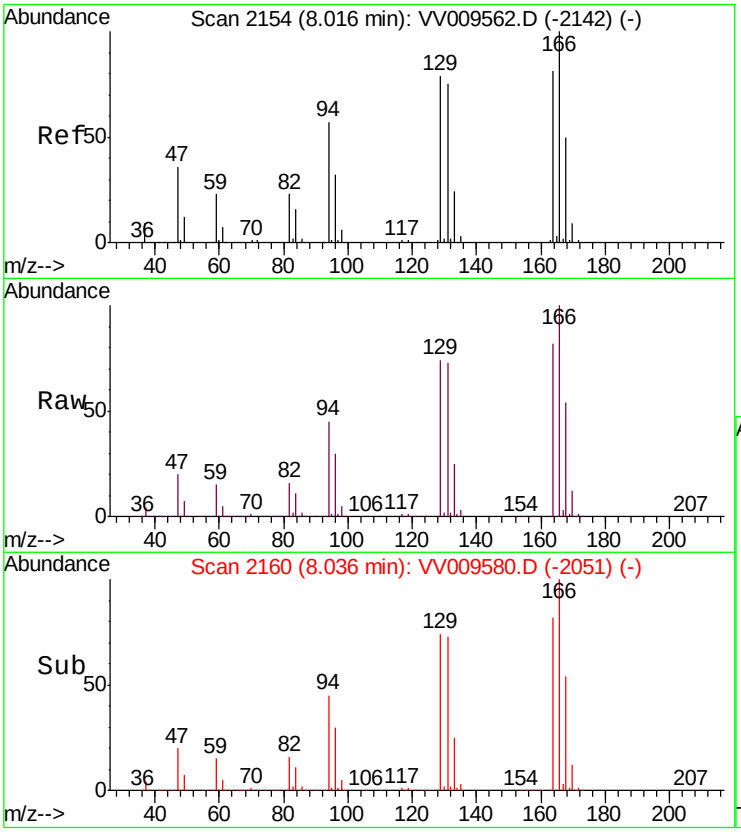


#46
1,1,2-Trichloroethane
Concen: 62.160 ug/L
RT: 8.03 min Scan# 2159
Delta R.T. 0.15 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Tgt Ion: 97 Resp: 80559

Ion	Ratio	Lower	Upper
97	100		
83	231.1	63.8	118.6#
85	39.4	39.5	73.4#
99	16.8	45.9	85.3#



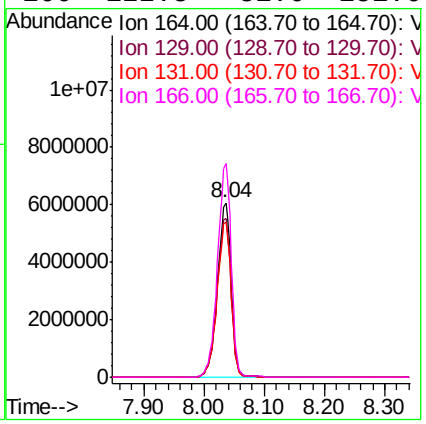


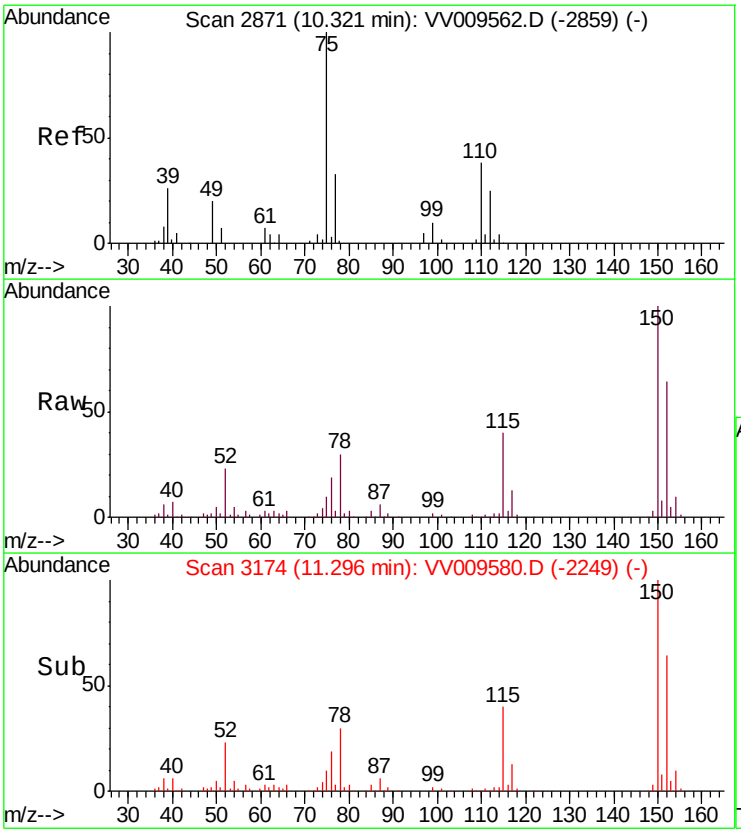
#47
Tetrachloroethene
Concen: 7107.074 ug/L
RT: 8.04 min Scan# 2160
Delta R.T. 0.02 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Instrument :
MSVOA_V
ClientSampleId :
BF0R4

Tgt Ion:164 Resp: 9372459

Ion	Ratio	Lower	Upper
164	100		
129	90.8	67.7	125.7
131	89.0	67.5	125.3
166	122.3	81.6	151.6





#59
1,2,3-Trichloropropane
Concen: 5.705 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV009580.D
Acq: 10 Mar 2019 21:05

Tgt Ion: 75 Resp: 7526

Ion	Ratio	Lower	Upper
75	100		
77	38.7	25.9	38.9