Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (Not Reviewed)

Data File : VV009912.D
Acq On : 26 Mar 2019 23:23
Operator : SY/MD
Sample : K2101-05
Misc : 5.83G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0K3

Quant Time: Mar 27 01:50:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	128996	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	128738	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	56676	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	61845	23.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.52%			
7) Chloroethane-d5	1.58	69	70199	24.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.32%			
10) 1,1-Dichloroethene-d2	2.13	63	134500	18.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.12%			
20) 2-Butanone-d5	3.94	46	25769	52.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.66%			
24) Chloroform-d	4.41	84	82581	25.13	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 100.52%			
26) 1,2-Dichloroethane-d4	5.08	65	51655	26.12	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.48%			
29) Benzene-d6	5.10	84	172317	25.49	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.96%			
33) 1,2-Dichloropropane-d6	6.12	67	52146	26.36	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.44%			
37) Toluene-d8	7.36	98	149426	23.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.40%			
38) trans-1,3-Dichloropropene-	7.67	79	16978	20.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.92%			
39) 2-Hexanone-d5	8.14	63	18669	50.57	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.14%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	45410	23.19	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.76%			
61) 1,2-Dichlorobenzene-d4	11.68	152	55798	25.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 103.44%			
Target Compounds						Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2183	0.587	ug/L #	57
12) 1,1-Dichloroethene	2.13	96	1351	0.428	ug/L #	1
13) Acetone	2.20	43	1006	1.362	ug/L	58
16) Methylene chloride	2.54	84	3433	1.616	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	5860	3.140	ug/L	91
35) Trichloroethene	5.96	95	6823	3.659	ug/L	96
42) cis-1,3-Dichloropropene	7.03	75	1620	0.629	ug/L #	39
59) 1,2,3-Trichloropropane	11.30	75	9165	6.448	ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\

Quantitation Report (Not Reviewed)

Data File : VV009912.D
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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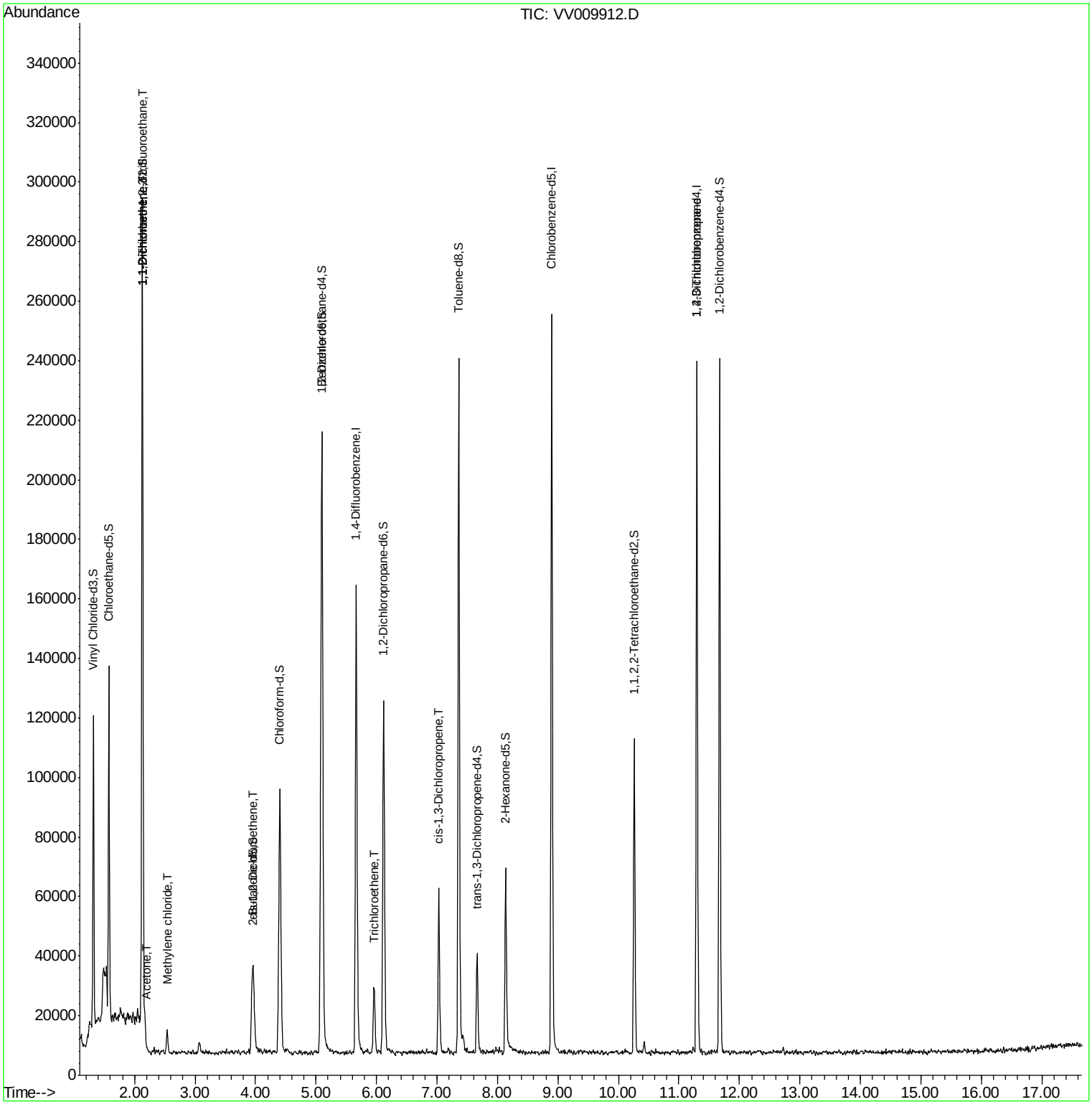
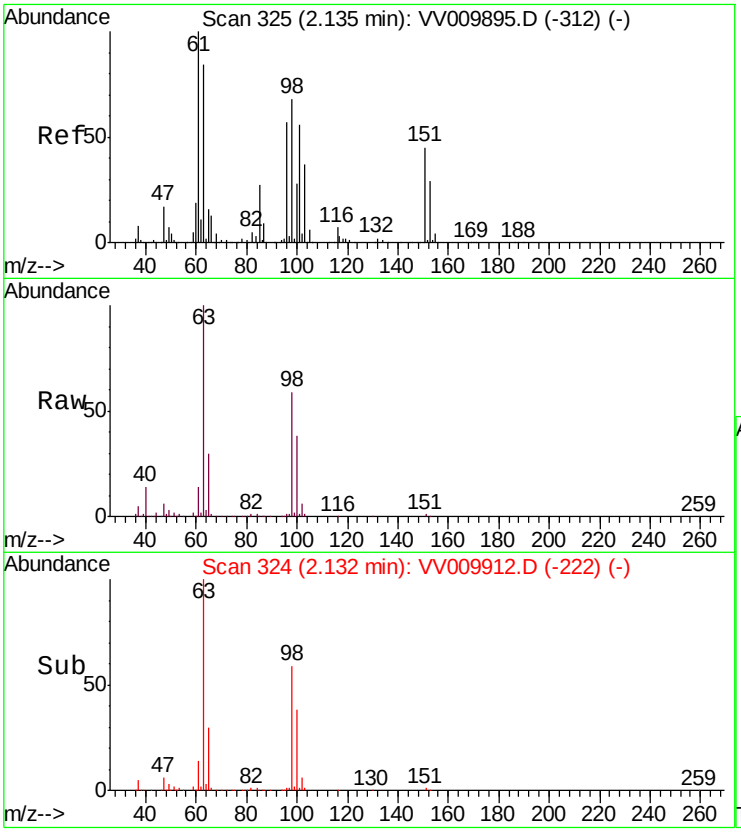
Quant Time: Mar 27 01:50:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration



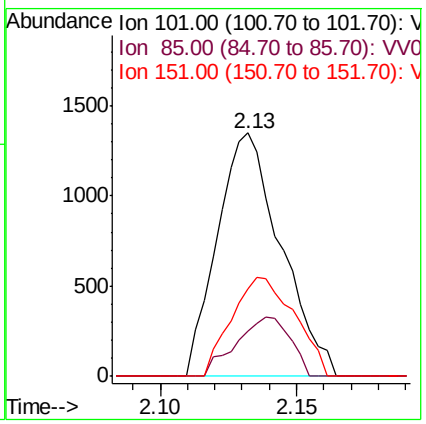


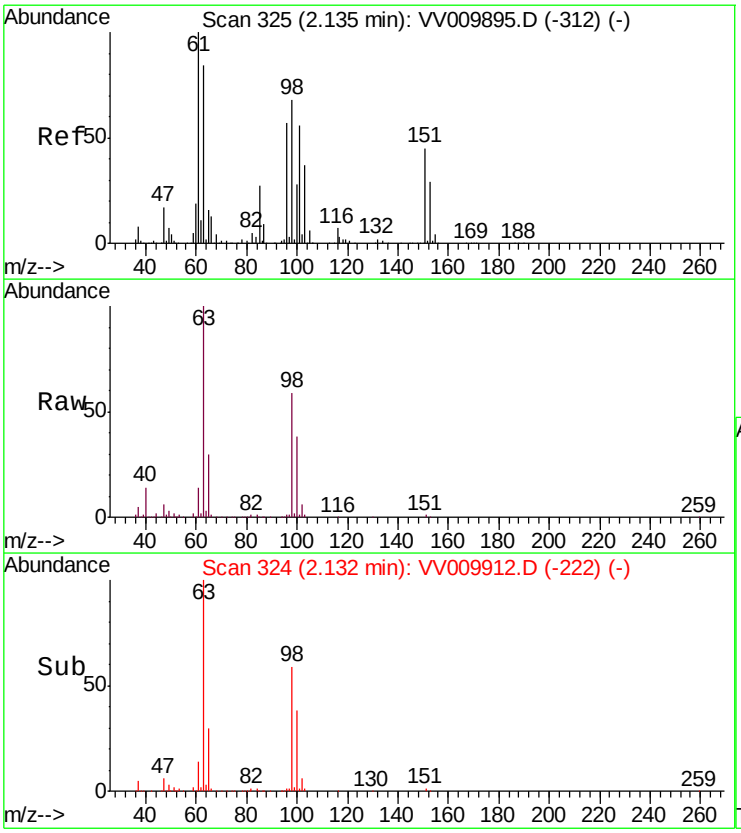
#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.587 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Instrument :
MSVOA_V
ClientSampleId :
BF0K3

Tgt Ion:101 Resp: 2183

Ion	Ratio	Lower	Upper
101	100		
85	18.6	36.9	55.3#
151	40.3	63.6	95.4#

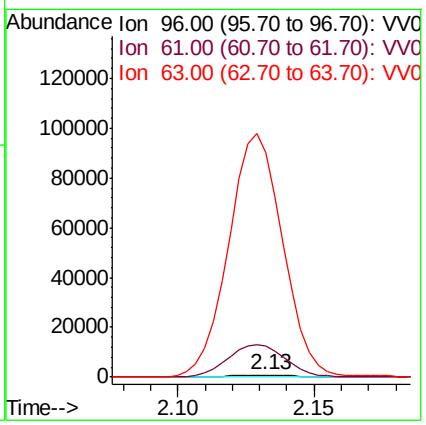


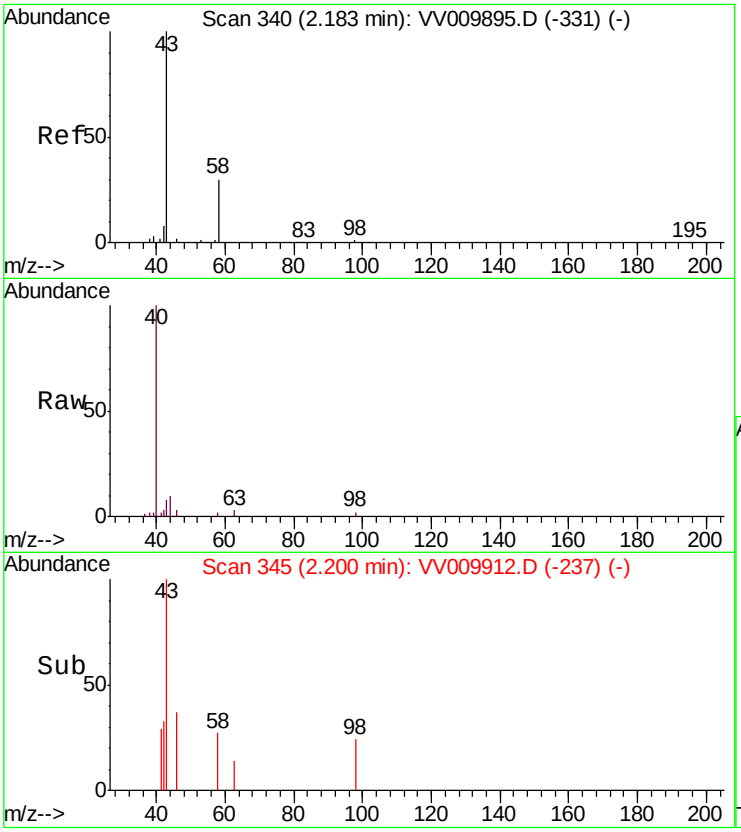


#12
1,1-Dichloroethene
Concen: 0.428 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.00 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Tgt Ion: 96 Resp: 1351

Ion	Ratio	Lower	Upper
96	100		
61	1547.3	124.3	230.8#
63	11210.0	88.2	163.8#



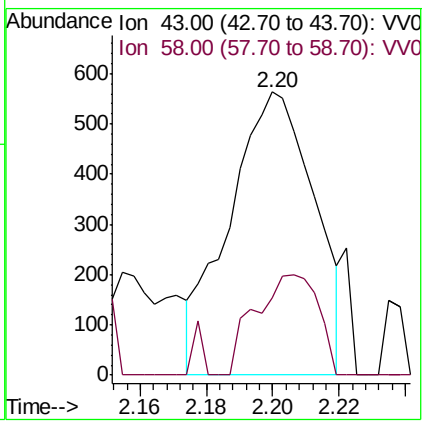


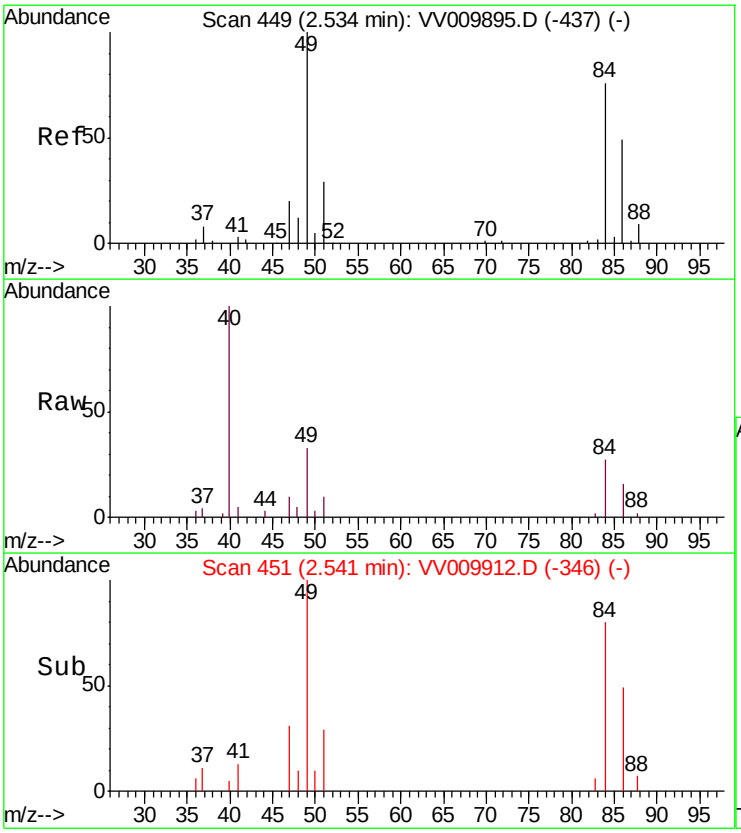
#13
Acetone
Concen: 1.362 ug/L
RT: 2.20 min Scan# 345
Delta R.T. 0.02 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Instrument : MSVOA_V
ClientSampleId : BF0K3

Tgt Ion: 43 Resp: 1006

Ion	Ratio	Lower	Upper
43	100		
58	7.1	0.0	59.4

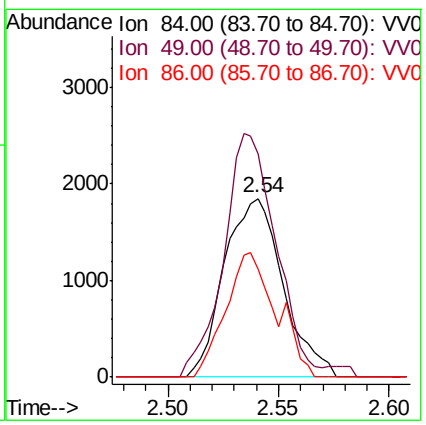


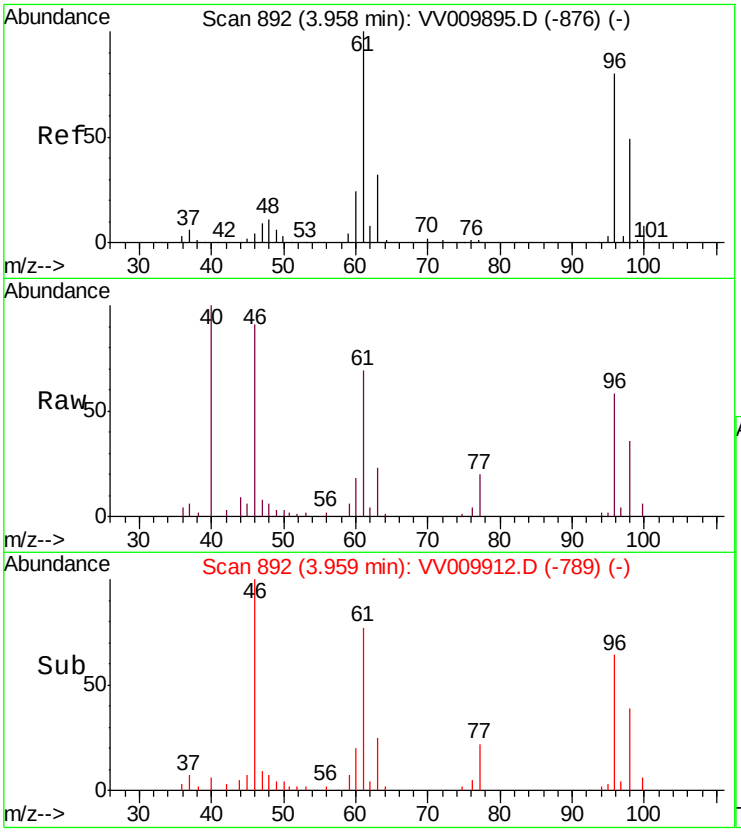


#16
Methylene chloride
Concen: 1.616 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Tgt Ion: 84 Resp: 3433

Ion	Ratio	Lower	Upper
84	100		
49	124.8	90.4	167.8
86	60.7	44.0	81.6



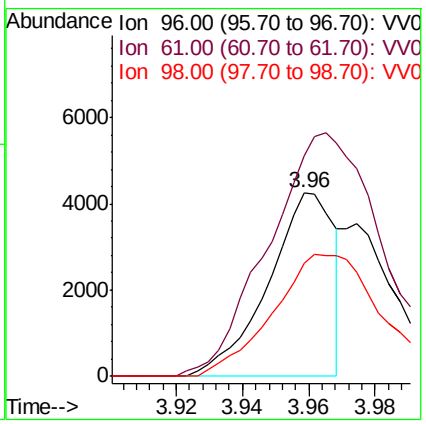


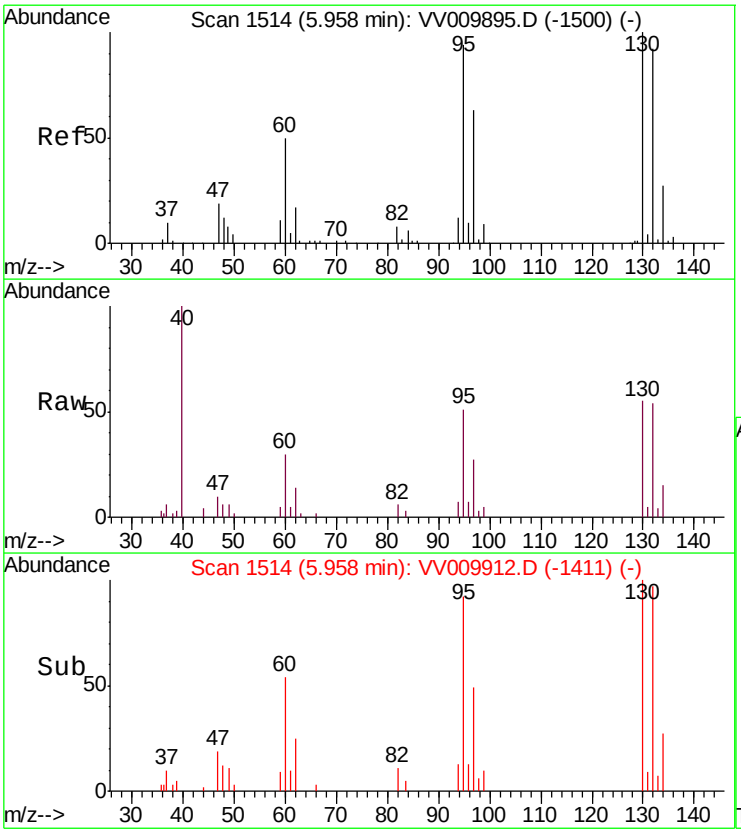
#22
cis-1,2-Dichloroethene
Concen: 3.140 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Instrument :
MSVOA_V
ClientSampleId :
BF0K3

Tgt Ion: 96 Resp: 5860

Ion	Ratio	Lower	Upper
96	100		
61	120.1	91.4	169.8
98	61.6	48.0	89.2

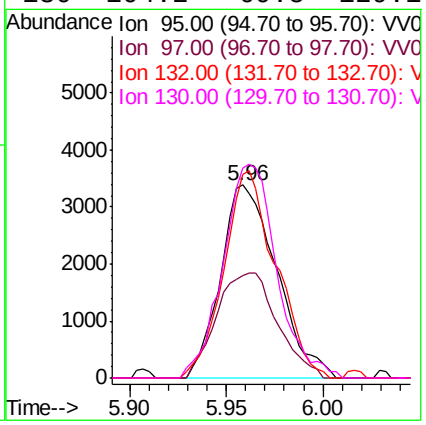


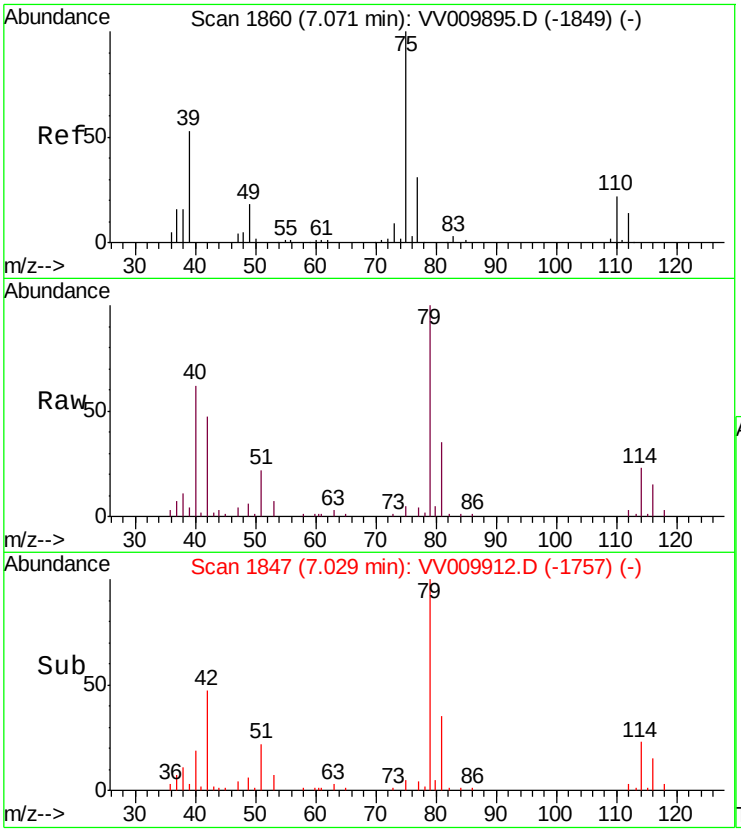


#35
Trichloroethene
Concen: 3.659 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Tgt Ion: 95 Resp: 6823

Ion	Ratio	Lower	Upper
95	100		
97	59.0	46.3	85.9
132	99.4	69.3	128.7
130	104.2	69.5	129.1



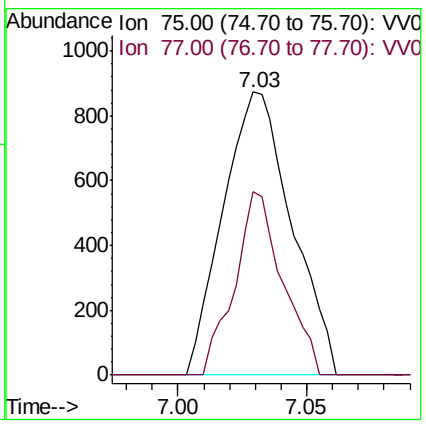


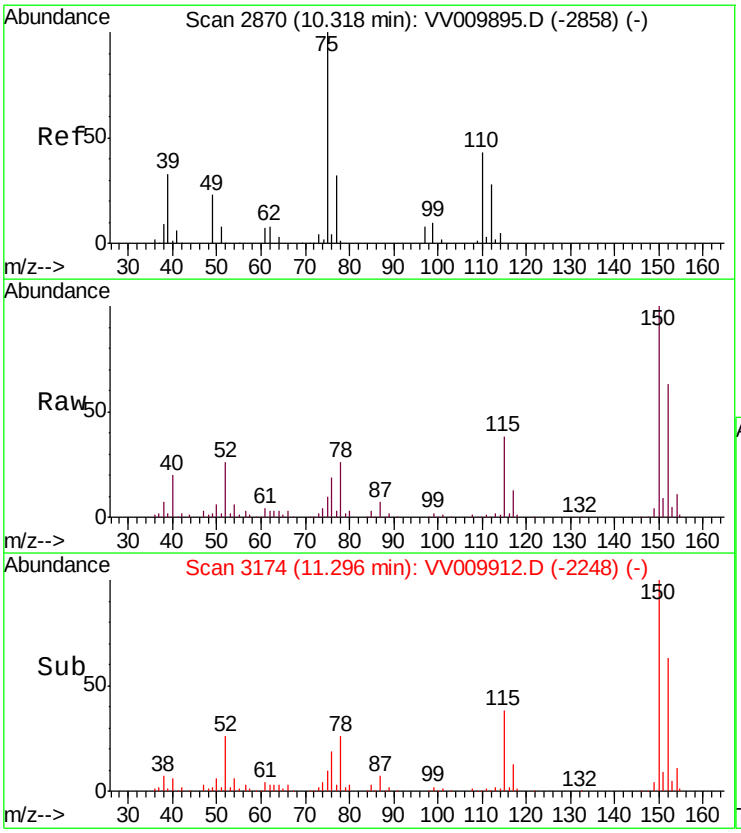
#42
cis-1,3-Dichloropropene
Concen: 0.629 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Instrument :
MSVOA_V
ClientSampleId :
BF0K3

Tgt Ion: 75 Resp: 1620

Ion	Ratio	Lower	Upper
75	100		
77	65.1	21.8	40.6#





#59
1,2,3-Trichloropropane
Concen: 6.448 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV009912.D
Acq: 26 Mar 2019 23:23

Tgt Ion: 75 Resp: 9165

Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.2	39.2