Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\

Quantitation Report (Not Reviewed)

Data File : VV008913.D
Acq On : 13 Dec 2018 17:01
Operator : SY/MD
Sample : J6367-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L38

Quant Time: Dec 14 01:13:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	111770	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	103049	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42582	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	63038	96.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 193.16%#			
7) Chloroethane-d5	1.57	69	47622	115.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 231.86%#			
11) 1,1-Dichloroethene-d2	2.13	63	118937	77.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 154.32%#			
21) 2-Butanone-d5	3.93	46	95229	218.51	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 218.51%#			
24) Chloroform-d	4.41	84	140452	100.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 201.70%#			
26) 1,2-Dichloroethane-d4	5.08	65	95977	108.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 216.38%#			
32) Benzene-d6	5.10	84	293143	105.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 211.12%#			
36) 1,2-Dichloropropane-d6	6.12	67	87939	105.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 210.76%#			
41) Toluene-d8	7.36	98	269874	103.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 207.06%#			
43) trans-1,3-Dichloropropene-	7.67	79	42361	100.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 200.18%#			
47) 2-Hexanone-d5	8.13	63	61595	199.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 199.43%#			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	108134	100.37	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 200.74%#			
64) 1,2-Dichlorobenzene-d4	11.68	152	92735	105.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 211.18%#			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	1140	0.914	ug/L #	46
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1165	1.527	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1135	1.635	ug/L #	1
13) Acetone	2.19	43	2868	4.376	ug/L	99
15) Methyl Acetate	2.31	43	1148	1.619	ug/L #	49
27) 1,2-Dichloroethane	5.10	62	1743	1.623	ug/L #	74
33) Benzene	5.10	78	2100	0.739	ug/L	100
34) Trichloroethene	5.96	95	567	0.691	ug/L #	80
37) 1,2-Dichloropropane	6.12	63	9721	13.237	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2608	2.227	ug/L #	74
40) 4-Methyl-2-pentanone	7.36	43	1031	1.215	ug/L #	1
44) trans-1,3-Dichloropropene	7.67	75	2181	1.998	ug/L	88
48) 2-Hexanone	8.13	43	7466	10.567	ug/L #	75
58) 1,1,2,2-Tetrachloroethane	10.27	83	810	0.741	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	4752	5.138	ug/L	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\

Quantitation Report (Not Reviewed)

Data File : VV008913.D
Acq On : 13 Dec 2018 17:01
Operator : SY/MD
Sample : J6367-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L38

Quant Time: Dec 14 01:13:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

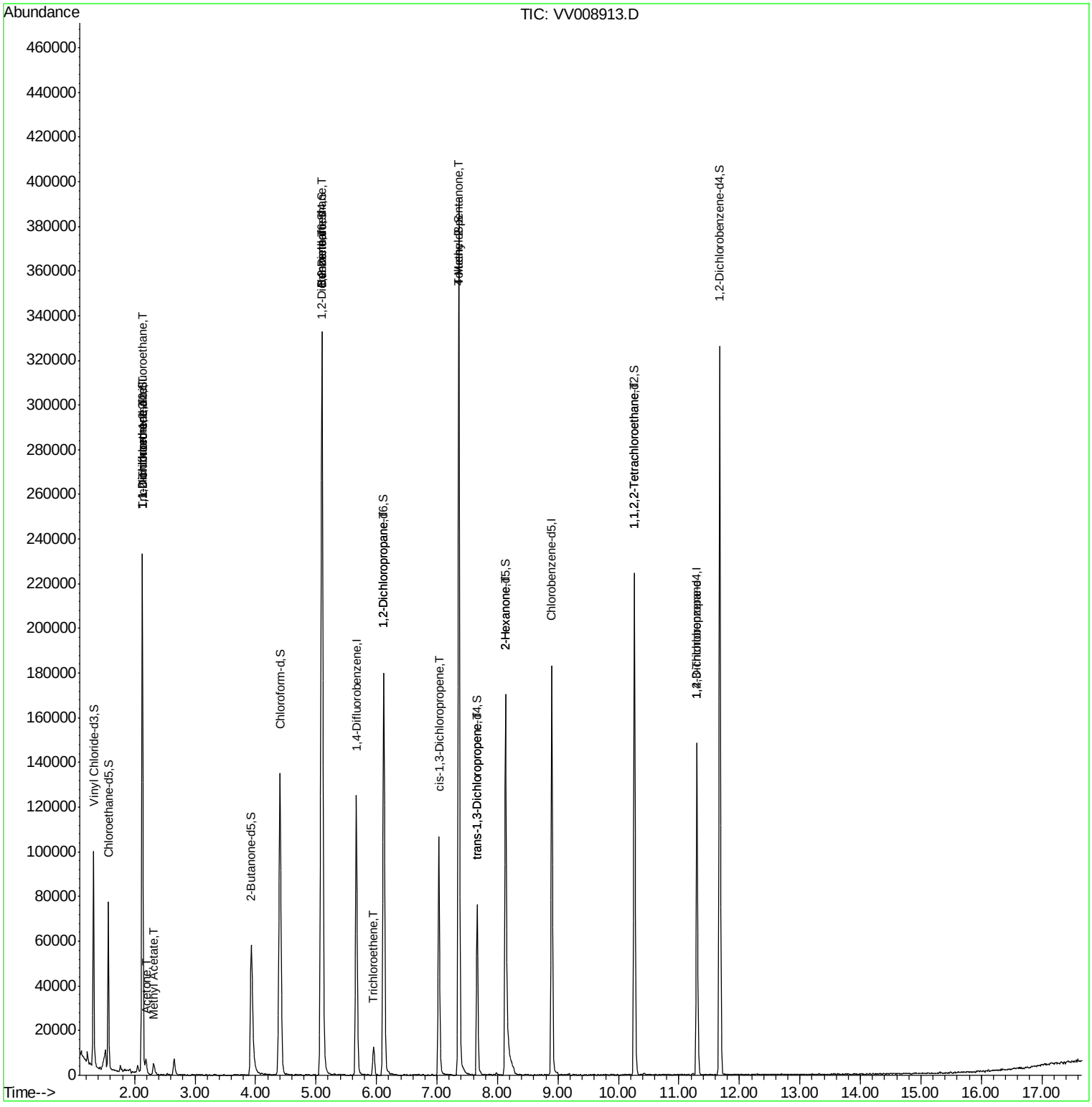
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121318\

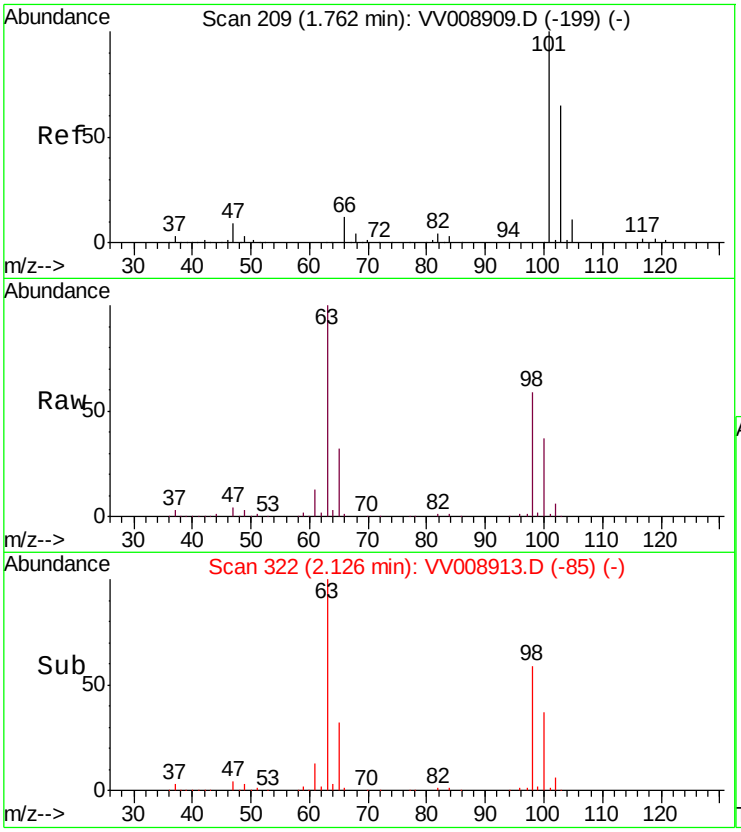
Quantitation Report (Not Reviewed)

Data File : VV008913.D
Acq On : 13 Dec 2018 17:01
Operator : SY/MD
Sample : J6367-03
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L38

Quant Time: Dec 14 01:13:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 01:09:42 2018
Response via : Initial Calibration



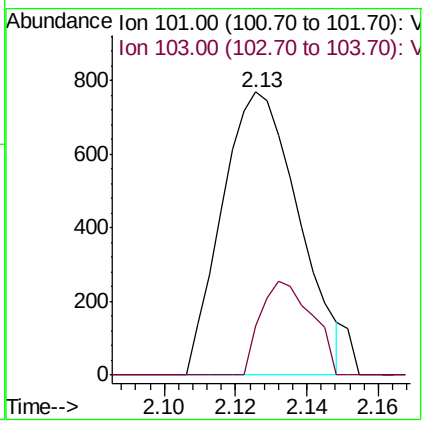


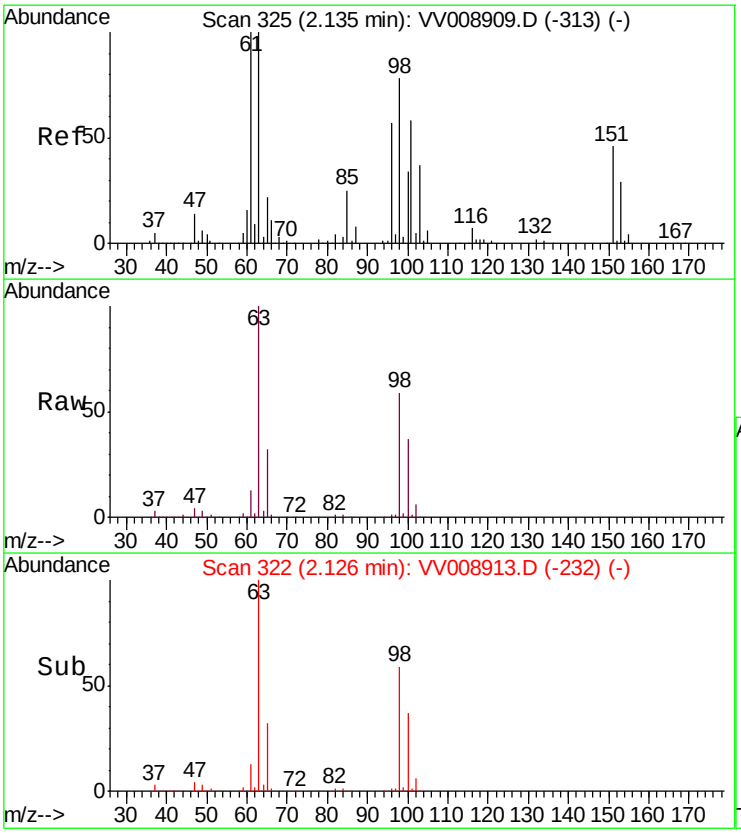
#9
Trichlorofluoromethane
Concen: 0.914 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.36 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument : MSVOA_V
ClientSampleId : C0L38

Tgt Ion:101 Resp: 1140

Ion	Ratio	Lower	Upper
101	100		
103	22.4	51.5	77.3#

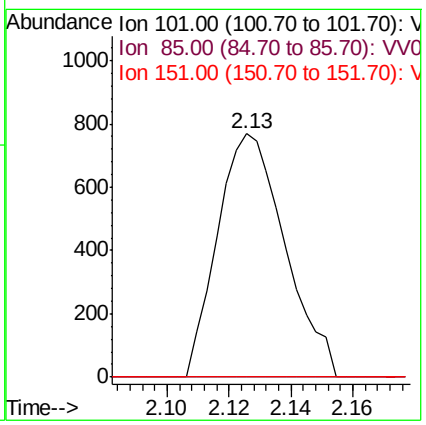


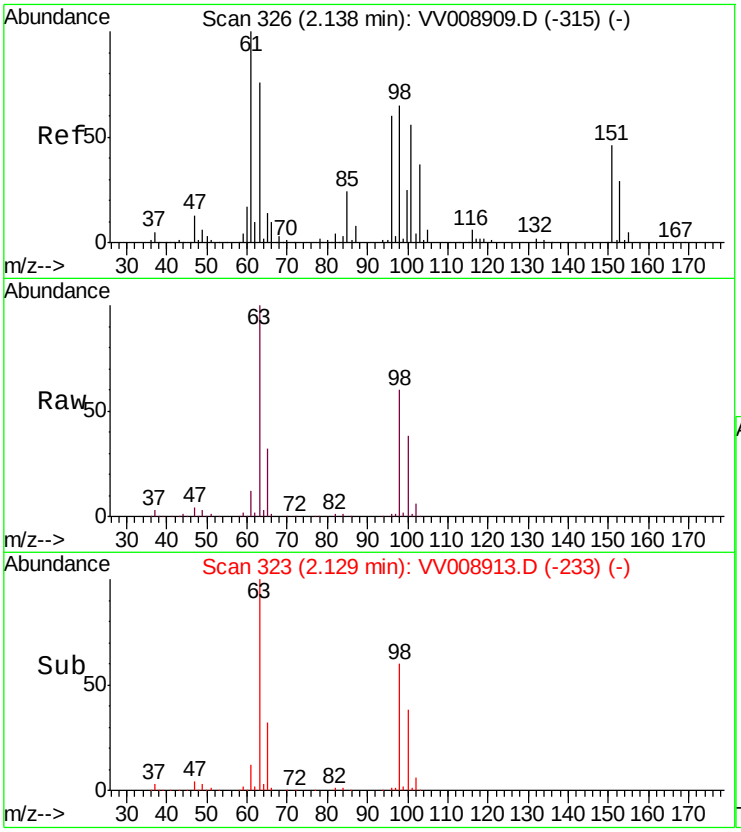


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.527 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Tgt Ion:101 Resp: 1165

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.8	95.8#



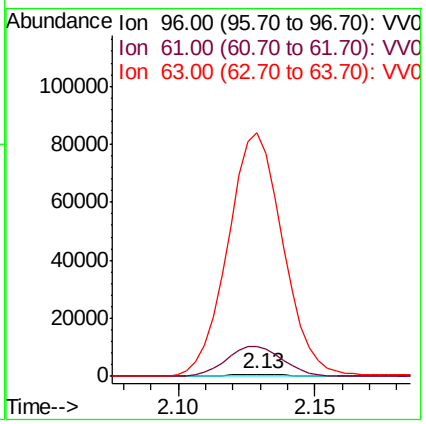


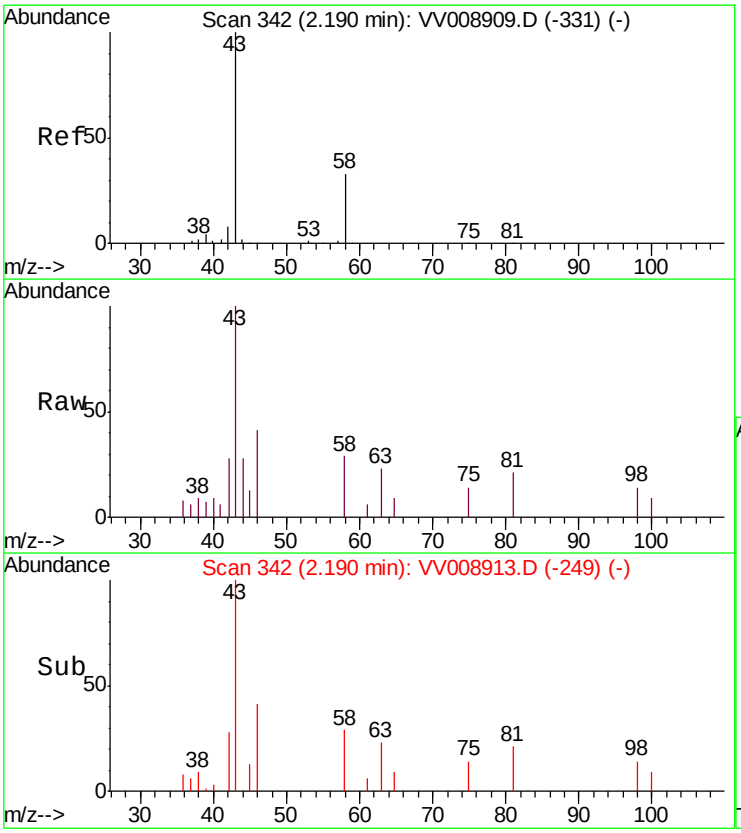
#12
1,1-Dichloroethene
Concen: 1.635 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument : MSVOA_V
ClientSampleId : C0L38

Tgt Ion: 96 Resp: 1135

Ion	Ratio	Lower	Upper
96	100		
61	1461.9	119.1	221.3#
63	11704.3	96.0	178.2#

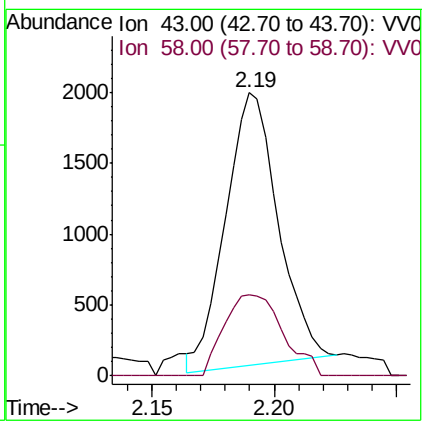


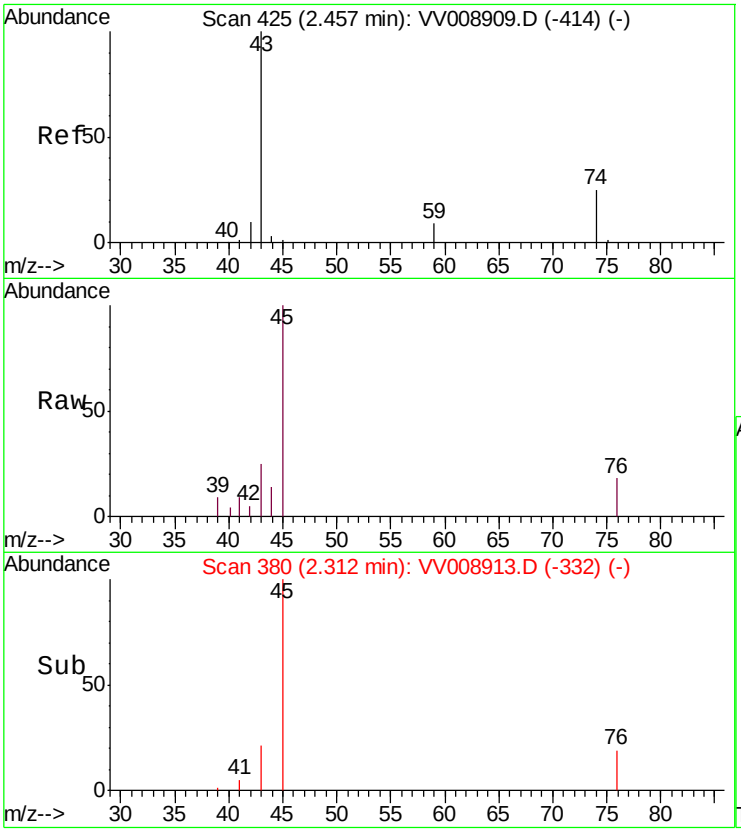


#13
Acetone
Concen: 4.376 ug/L
RT: 2.19 min Scan# 342
Delta R.T. 0.00 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Tgt Ion: 43 Resp: 2868

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	61.8



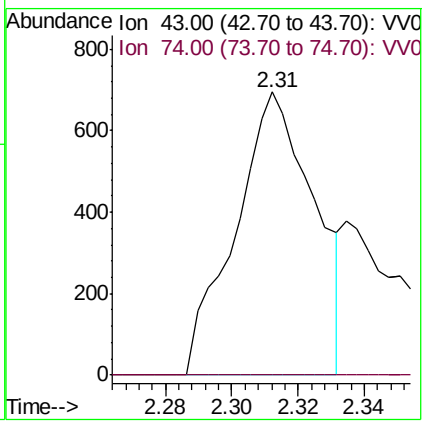


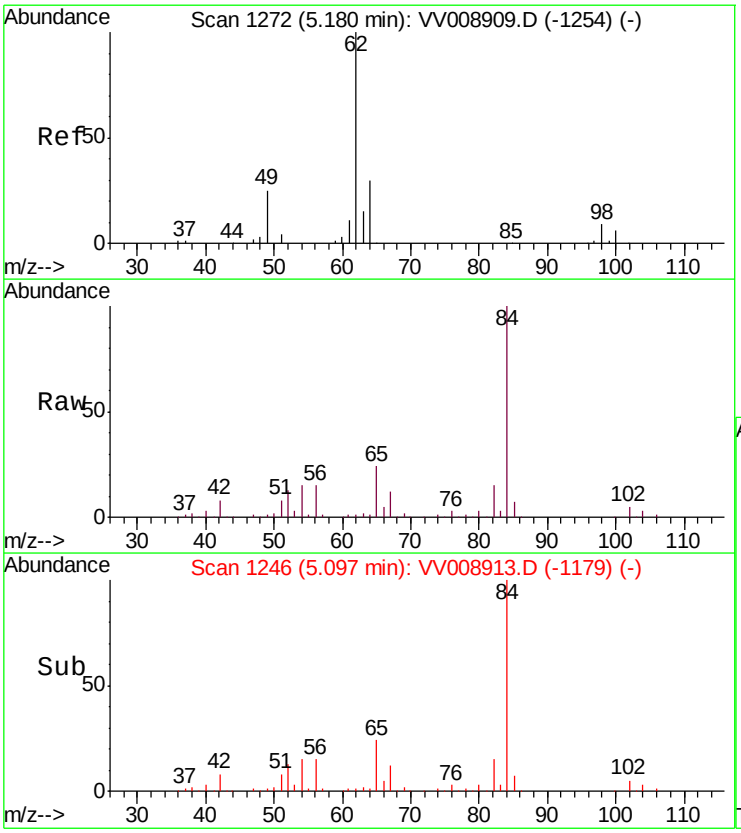
#15
Methyl Acetate
Concen: 1.619 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.14 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument : MSVOA_V
ClientSampleId : C0L38

Tgt Ion: 43 Resp: 1148

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#

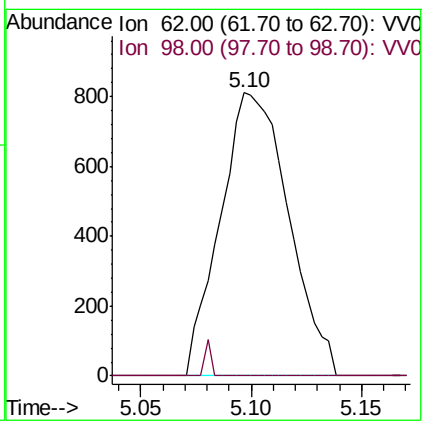


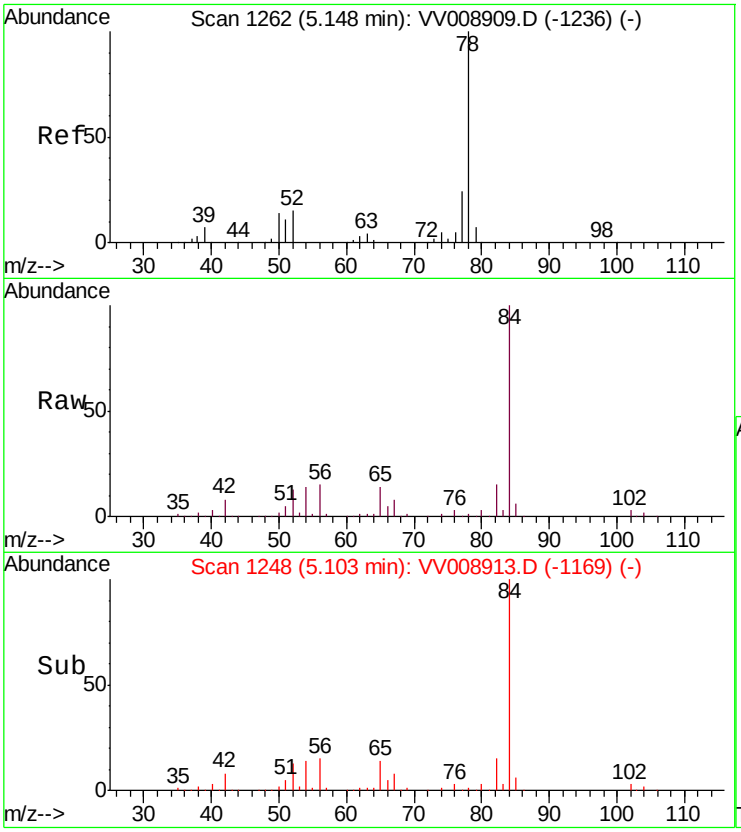


#27
1,2-Dichloroethane
Concen: 1.623 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Tgt Ion: 62 Resp: 1743

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

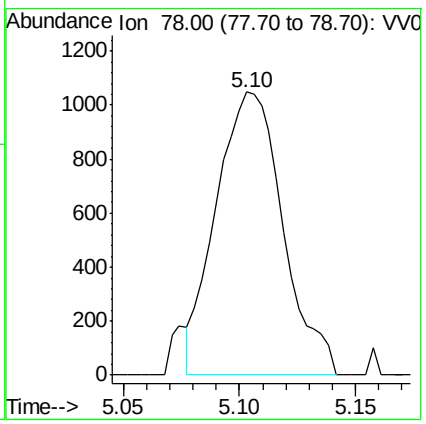


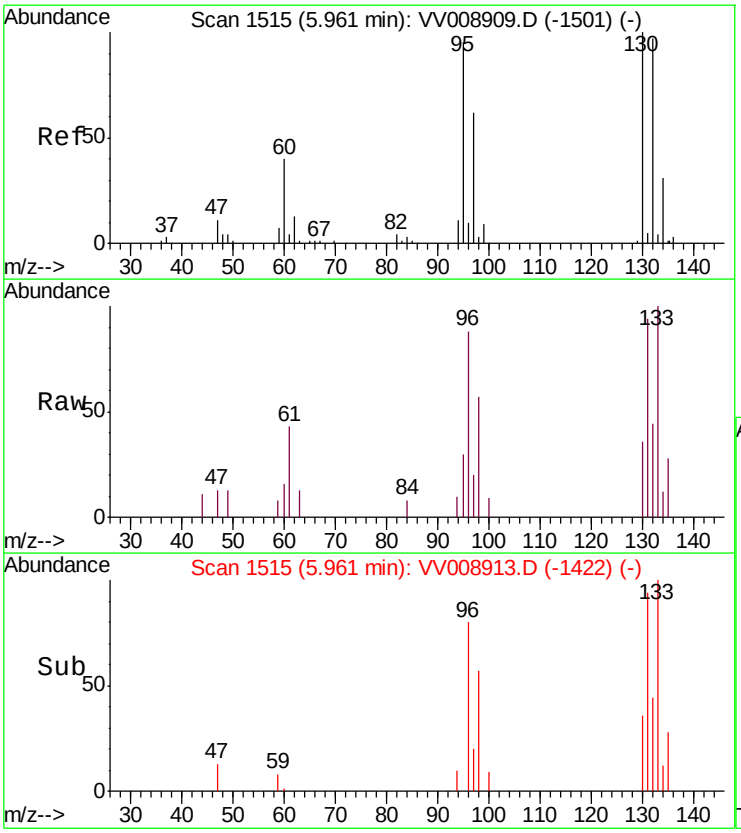


#33
Benzene
Concen: 0.739 ug/L
RT: 5.10 min Scan# 1248
Delta R.T. -0.04 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument :
MSVOA_V
ClientSampleId :
C0L38

Tgt Ion: 78 Resp: 2100

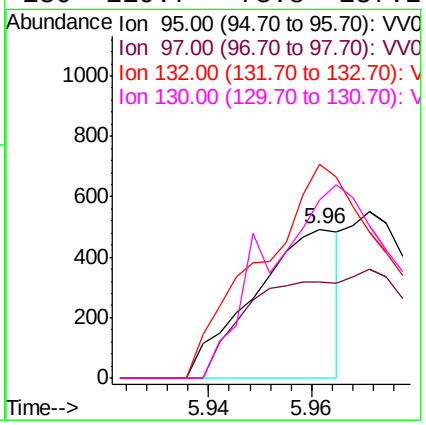


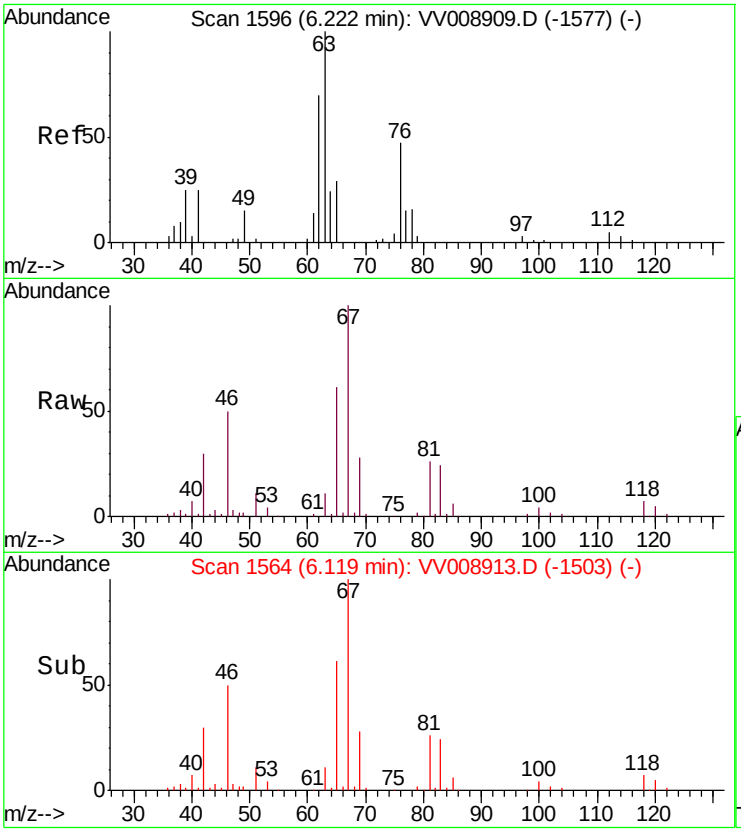


#34
Trichloroethene
Concen: 0.691 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Tgt Ion: 95 Resp: 567

Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.7	84.9
132	143.4	72.2	134.2#
130	119.7	73.8	137.2



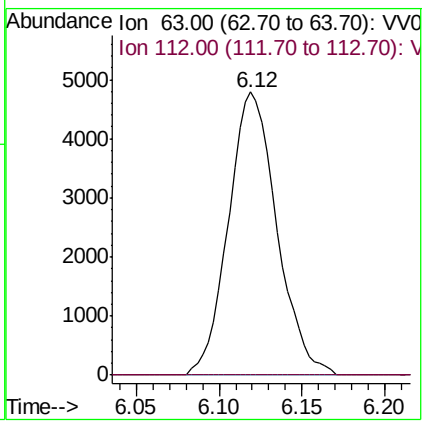


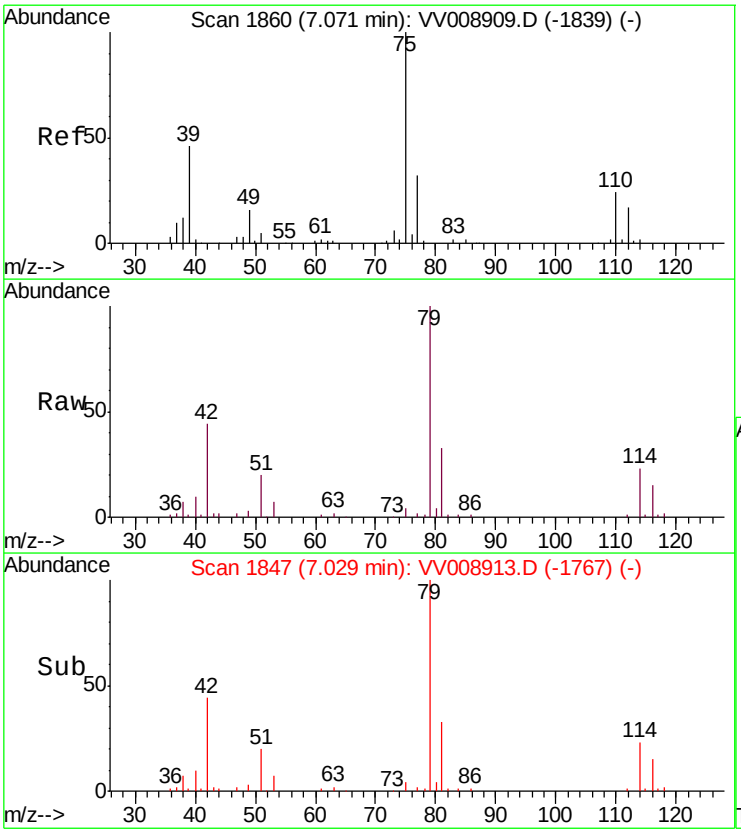
#37
1,2-Dichloropropane
Concen: 13.237 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument : MSVOA_V
ClientSampleId : C0L38

Tgt Ion: 63 Resp: 9721

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

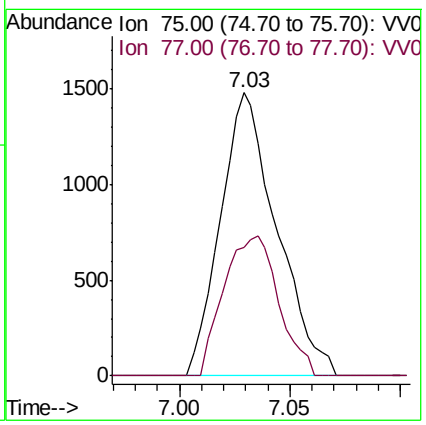


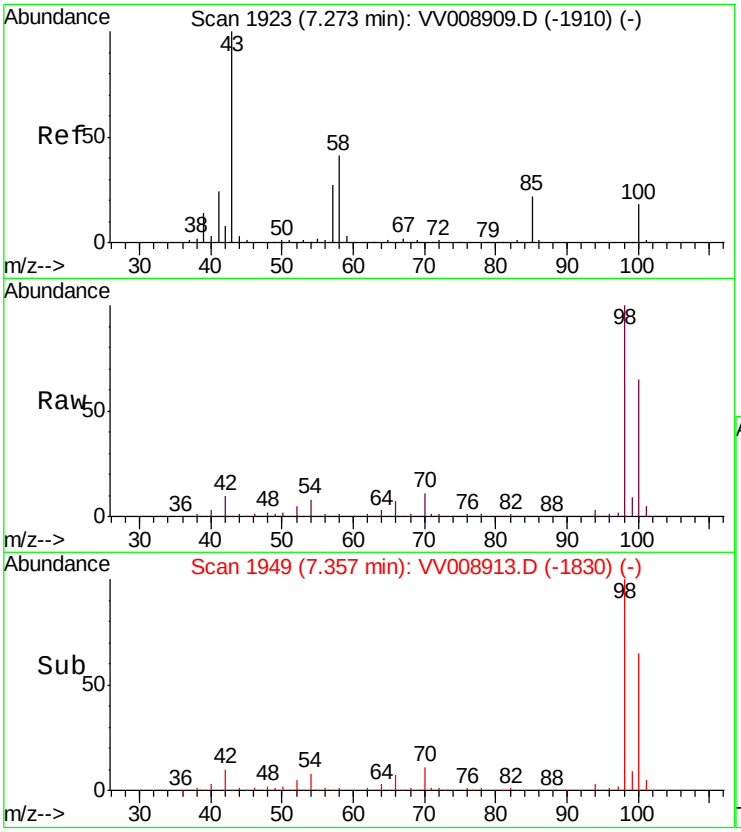


#39
cis-1,3-Dichloropropene
Concen: 2.227 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Tgt Ion: 75 Resp: 2608

Ion	Ratio	Lower	Upper
75	100		
77	45.4	21.8	40.4#



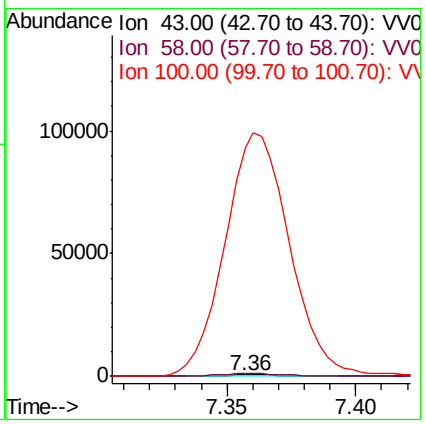


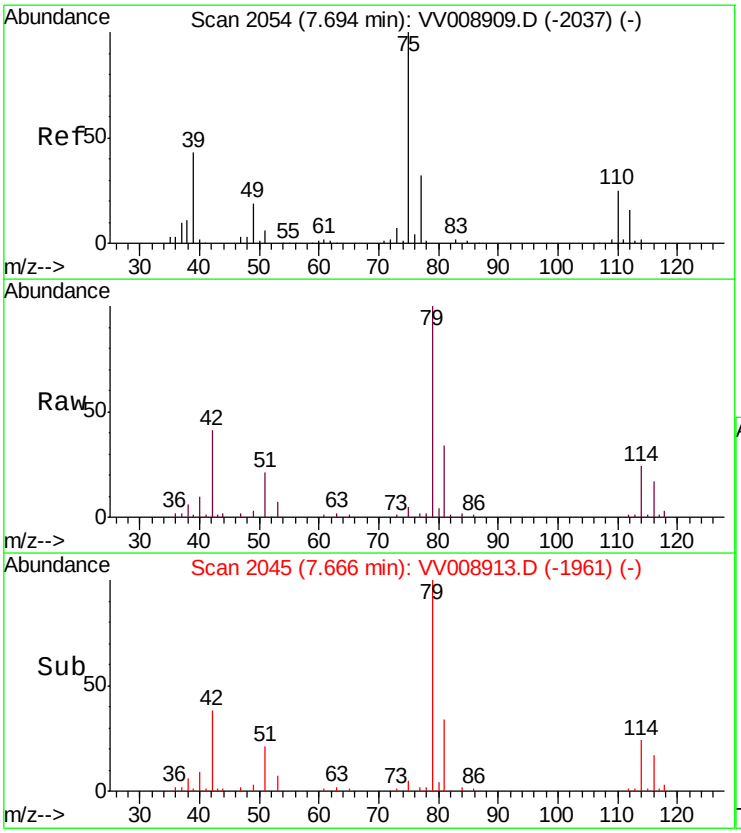
#40
4-Methyl-2-pentanone
Concen: 1.215 ug/L
RT: 7.36 min Scan# 1949
Delta R.T. 0.08 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument :
MSVOA_V
ClientSampleId :
C0L38

Tgt Ion: 43 Resp: 1031

Ion	Ratio	Lower	Upper
43	100		
58	185.9	33.4	50.0#
100	16868.0	13.9	20.9#

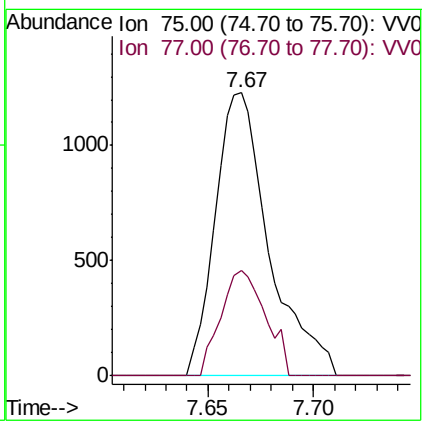


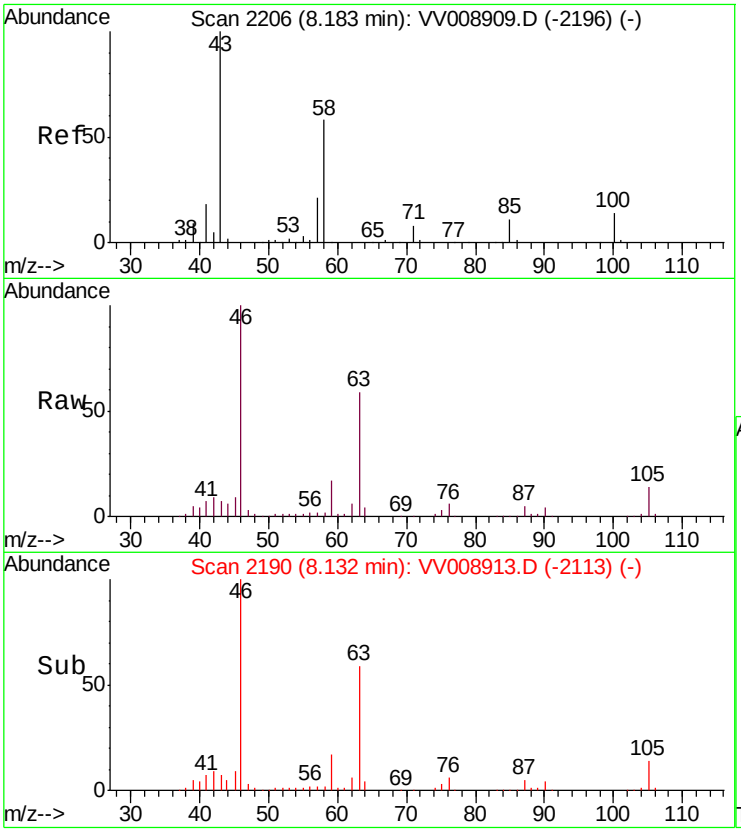


#44
trans-1,3-Dichloropropene
Concen: 1.998 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Tgt Ion: 75 Resp: 2181

Ion	Ratio	Lower	Upper
75	100		
77	37.4	21.6	40.2



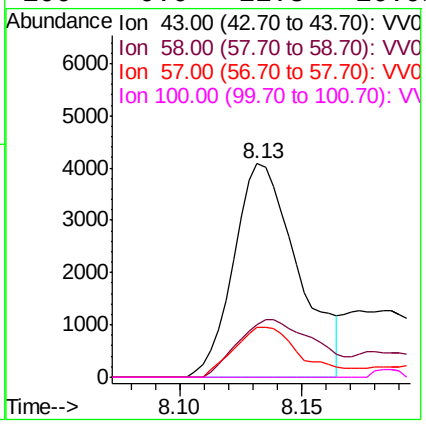


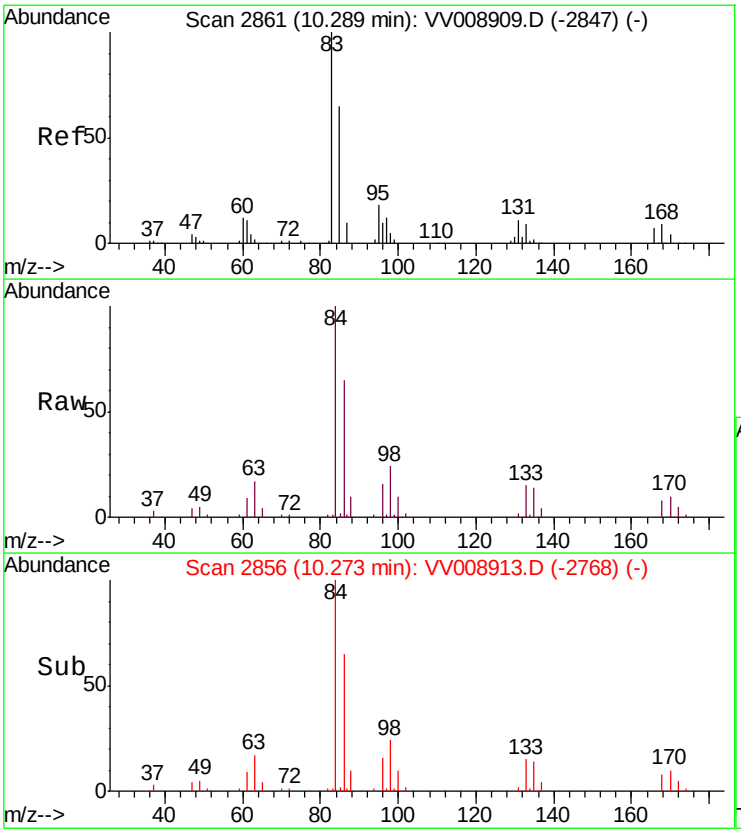
#48
2-Hexanone
Concen: 10.567 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument : MSVOA_V
ClientSampleId : C0L38

Tgt Ion: 43 Resp: 7466

Ion	Ratio	Lower	Upper
43	100		
58	32.5	42.7	64.1#
57	21.6	15.7	23.5
100	0.0	11.3	16.9#

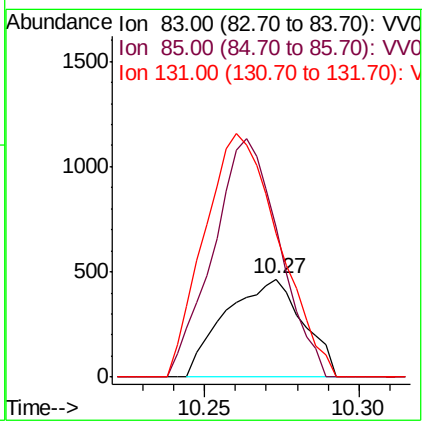


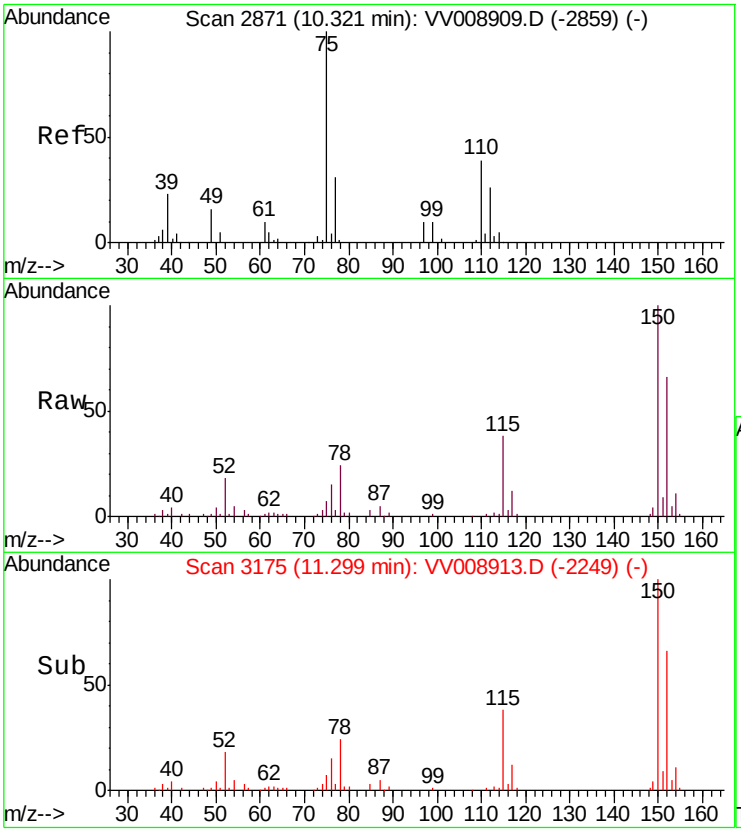


#58
1,1,2,2-Tetrachloroethane
Concen: 0.741 ug/L
RT: 10.27 min Scan# 2856
Delta R.T. -0.02 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Tgt Ion: 83 Resp: 810

Ion	Ratio	Lower	Upper
83	100		
85	152.8	45.3	84.1#
131	147.0	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 5.138 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008913.D
Acq: 13 Dec 2018 17:01

Instrument :
MSVOA_V
ClientSampleId :
C0L38

Tgt Ion: 75 Resp: 4752

Ion	Ratio	Lower	Upper
75	100		
77	36.6	25.8	38.8