Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

Quantitation Report (Not Reviewed)

Data File : VV008935.D
Acq On : 14 Dec 2018 17:29
Operator : SY/MD
Sample : J6369-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L57

Quant Time: Dec 14 23:44:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201896	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	184597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	76623	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	53507	45.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.76%			
7) Chloroethane-d5	1.56	69	38680	52.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.26%			
11) 1,1-Dichloroethene-d2	2.13	63	110304	39.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.22%			
21) 2-Butanone-d5	3.94	46	92292	117.24	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 117.24%			
24) Chloroform-d	4.41	84	127371	50.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.26%			
26) 1,2-Dichloroethane-d4	5.08	65	85171	53.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.30%			
32) Benzene-d6	5.10	84	262718	52.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.62%			
36) 1,2-Dichloropropane-d6	6.12	67	79921	53.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 106.94%			
41) Toluene-d8	7.36	98	239529	51.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.60%			
43) trans-1,3-Dichloropropene-	7.67	79	37664	49.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.36%			
47) 2-Hexanone-d5	8.14	63	62891	113.67	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.67%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96046	49.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.54%			
64) 1,2-Dichlorobenzene-d4	11.68	152	88318	55.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.78%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	1078	0.479	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1078	0.782	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1039	0.829	ug/L #	1
13) Acetone	2.20	43	2430	2.053	ug/L	92
33) Benzene	5.10	78	2067	0.406	ug/L	100
35) Methylcyclohexane	6.12	83	20651	9.480	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8738	6.642	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2468	1.176	ug/L #	81
44) trans-1,3-Dichloropropene	7.66	75	1536	0.785	ug/L #	80
48) 2-Hexanone	8.18	43	3184	2.516	ug/L #	87
58) 1,1,2,2-Tetrachloroethane	10.27	83	680	0.347	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	8212	4.957	ug/L	95

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

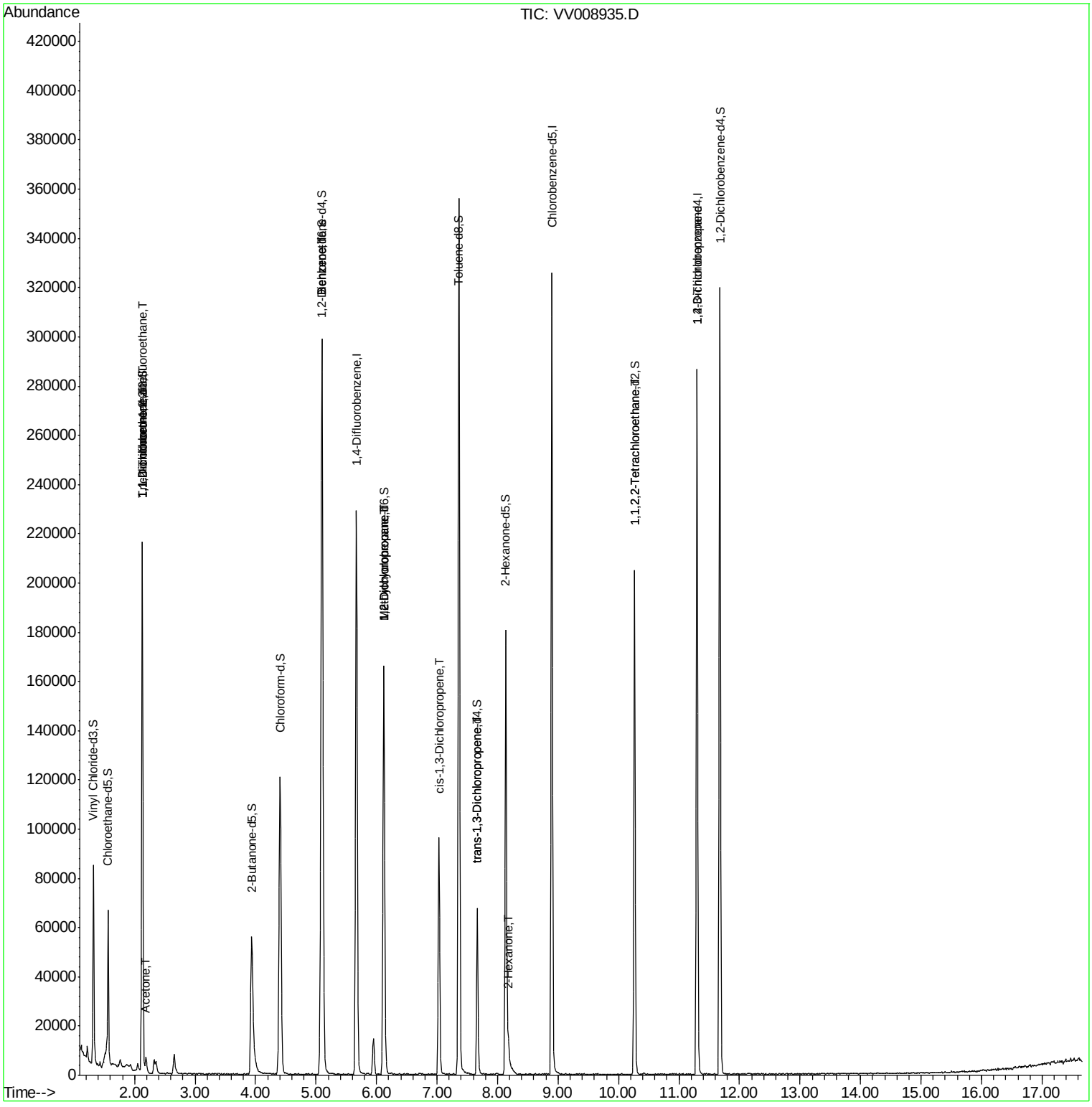
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\

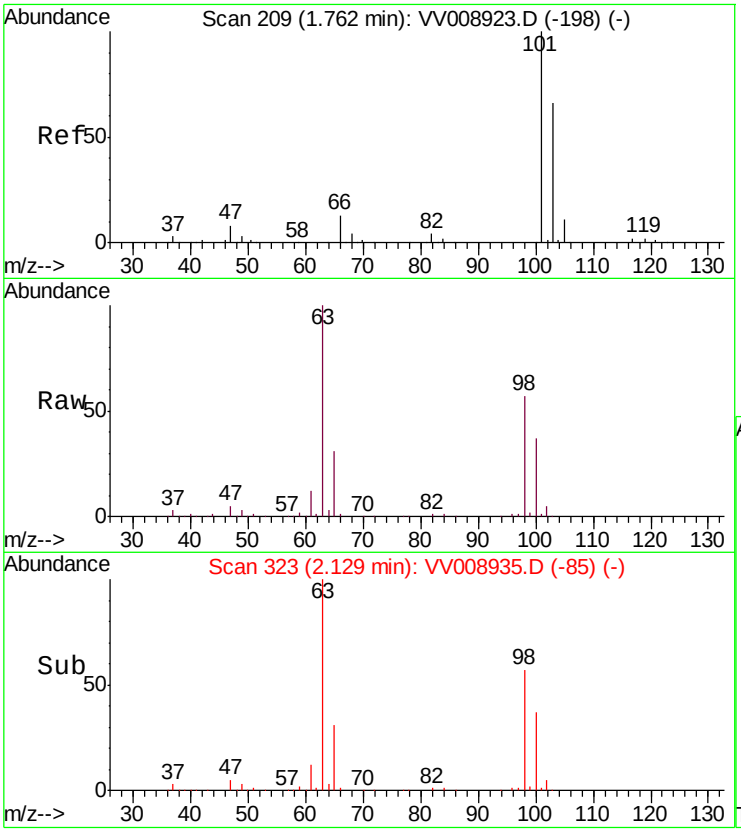
Quantitation Report (Not Reviewed)

Data File : VV008935.D
Acq On : 14 Dec 2018 17:29
Operator : SY/MD
Sample : J6369-01
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0L57

Quant Time: Dec 14 23:44:09 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 14 23:39:04 2018
Response via : Initial Calibration



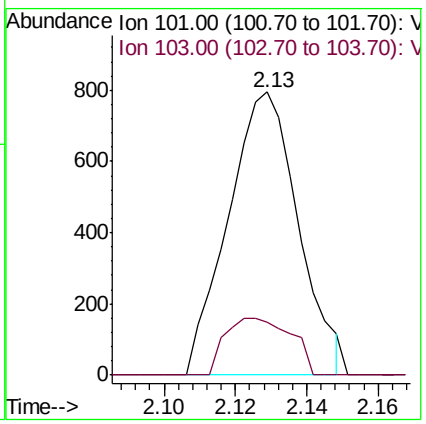


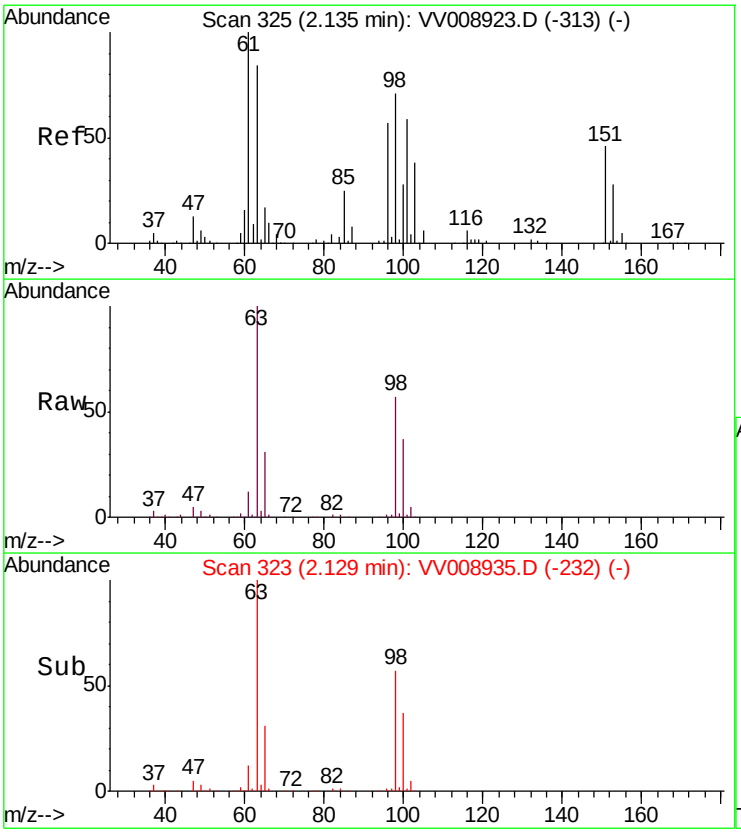
#9
Trichlorofluoromethane
Concen: 0.479 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0L57

Tgt Ion:101 Resp: 1078

Ion	Ratio	Lower	Upper
101	100		
103	19.0	51.5	77.3#

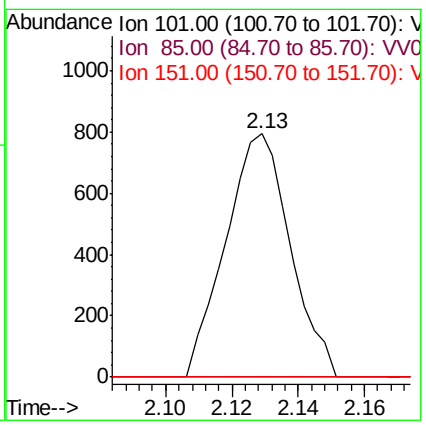


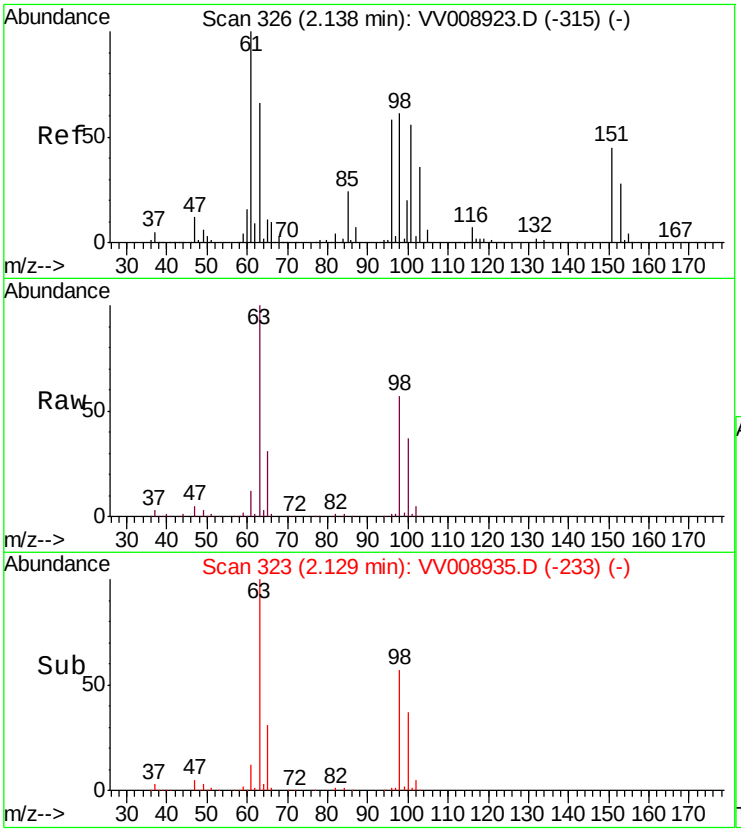


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.782 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Tgt Ion:101 Resp: 1078

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



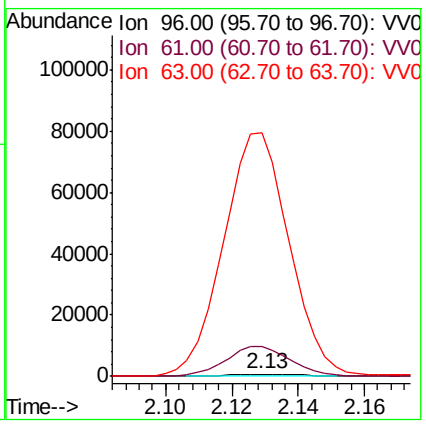


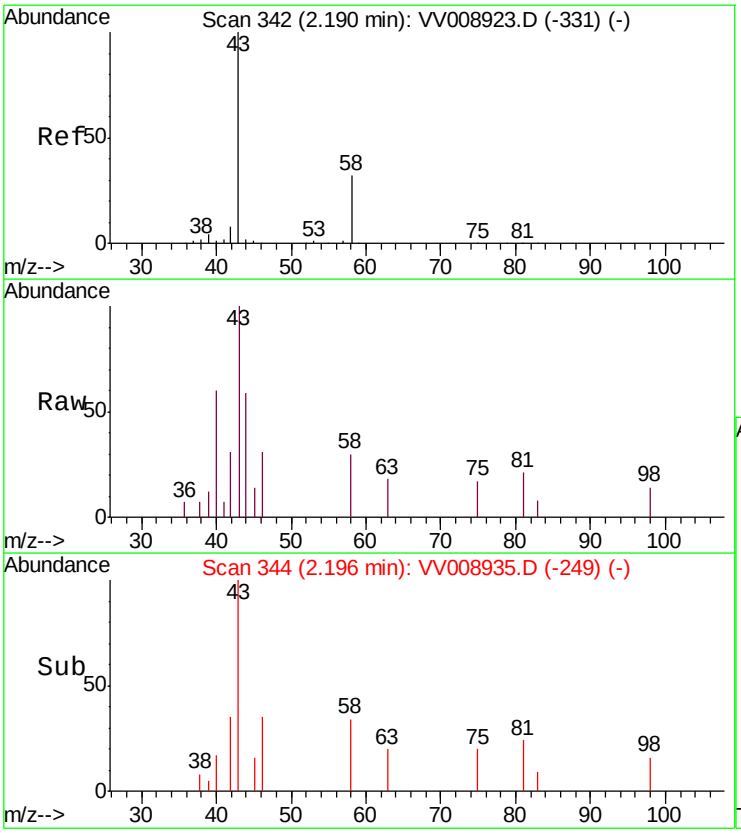
#12
1,1-Dichloroethene
Concen: 0.829 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0L57

Tgt Ion: 96 Resp: 1039

Ion	Ratio	Lower	Upper
96	100		
61	1347.1	119.1	221.3#
63	10912.1	96.0	178.2#

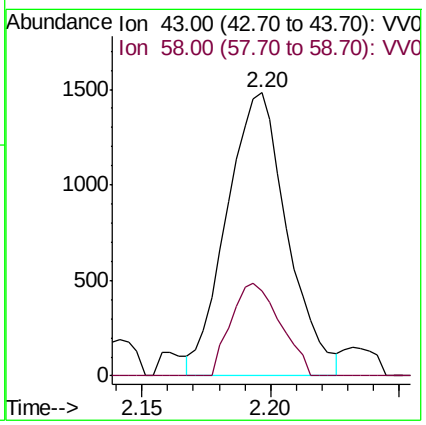


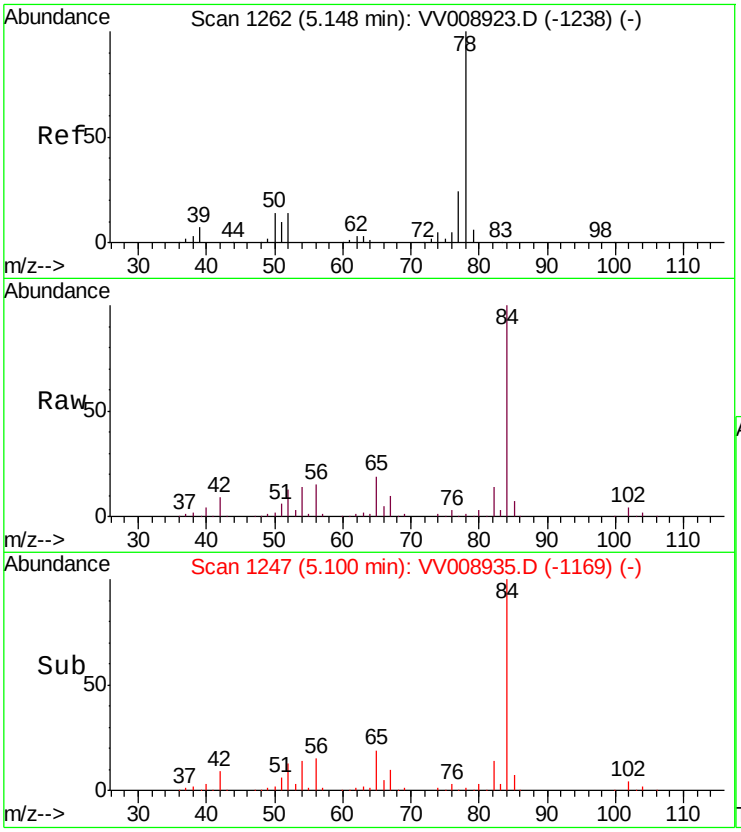


#13
Acetone
Concen: 2.053 ug/L
RT: 2.20 min Scan# 344
Delta R.T. 0.01 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Tgt Ion: 43 Resp: 2430

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	61.8

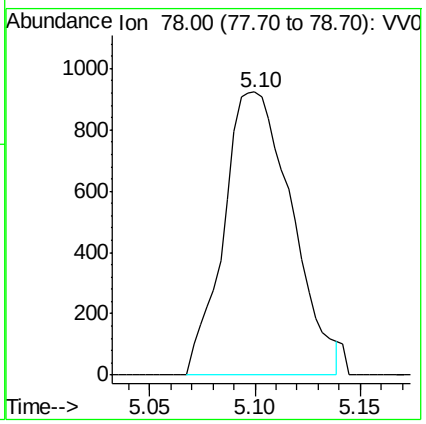


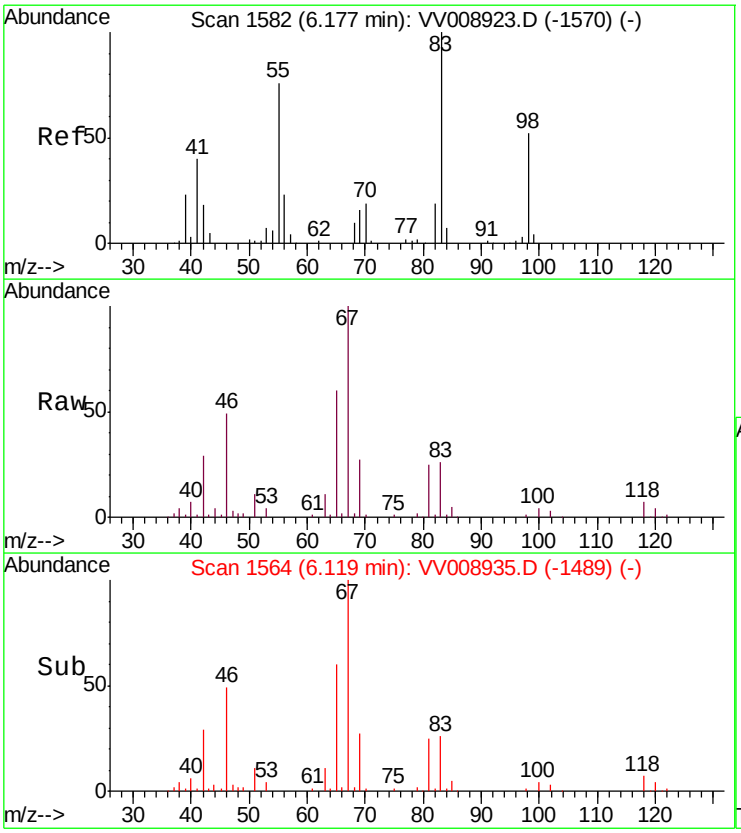


#33
Benzene
Concen: 0.406 ug/L
RT: 5.10 min Scan# 1247
Delta R.T. -0.05 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0L57

Tgt Ion: 78 Resp: 2067

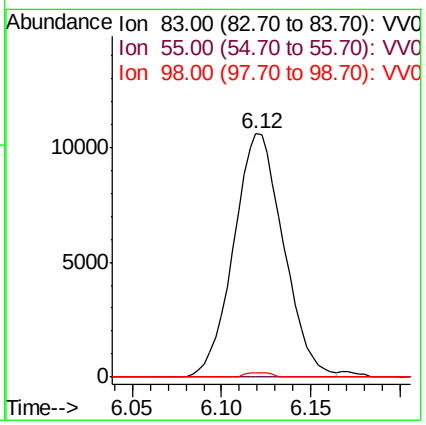


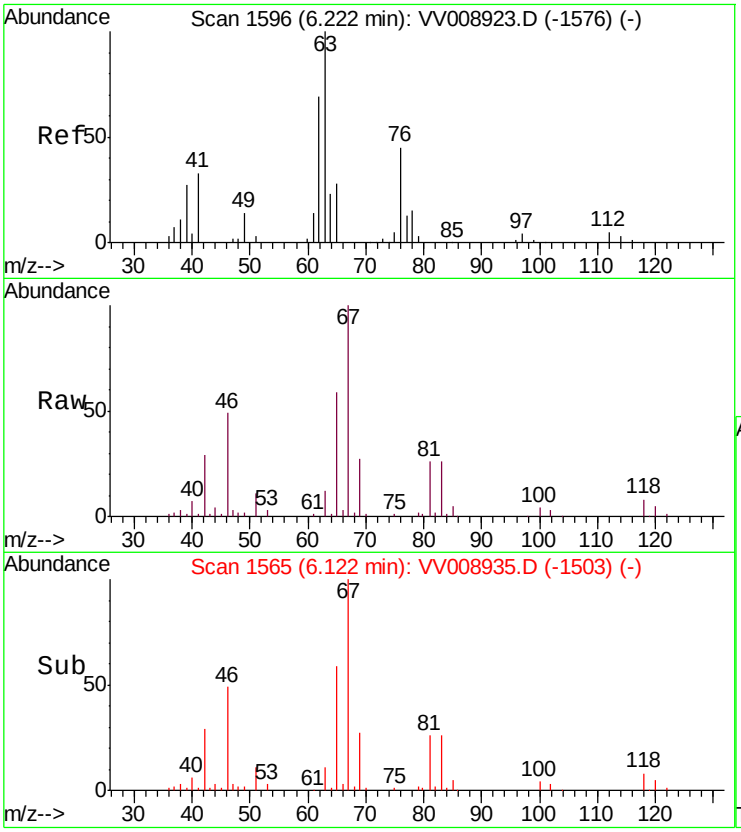


#35
Methylcyclohexane
Concen: 9.480 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Tgt Ion: 83 Resp: 20651

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.9	39.0	58.4#



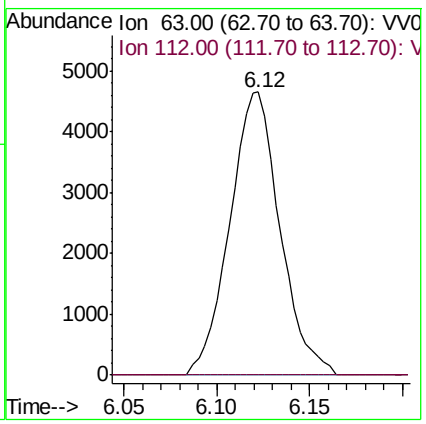


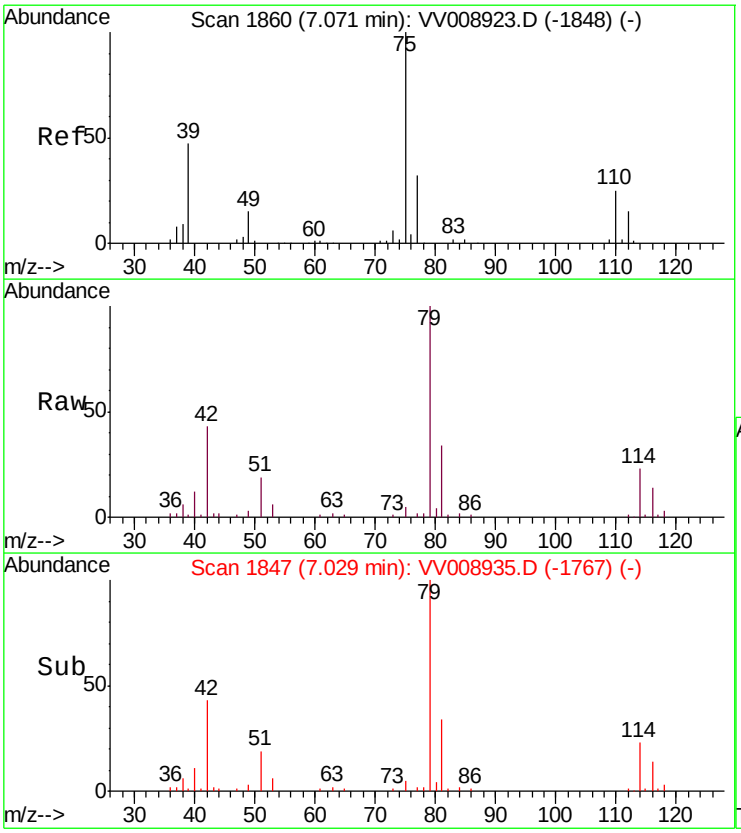
#37
1,2-Dichloropropane
Concen: 6.642 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Instrument : MSVOA_V
ClientSampleId : C0L57

Tgt Ion: 63 Resp: 8738

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

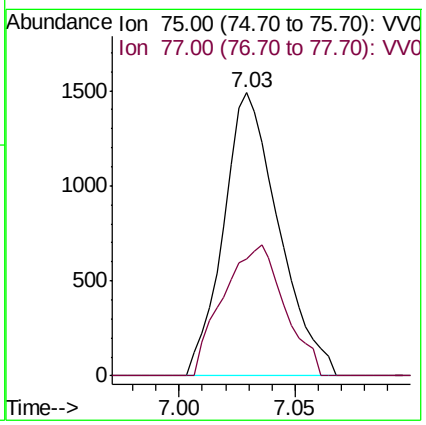


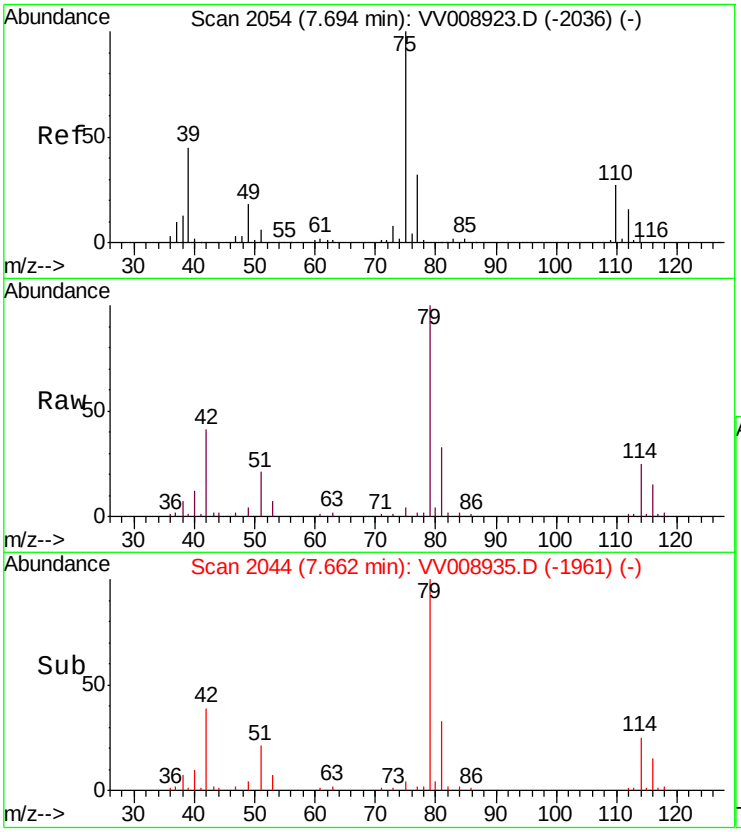


#39
cis-1,3-Dichloropropene
Concen: 1.176 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Tgt Ion: 75 Resp: 2468

Ion	Ratio	Lower	Upper
75	100		
77	41.5	21.8	40.4#



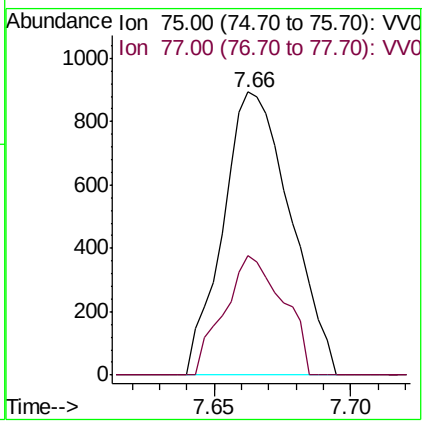


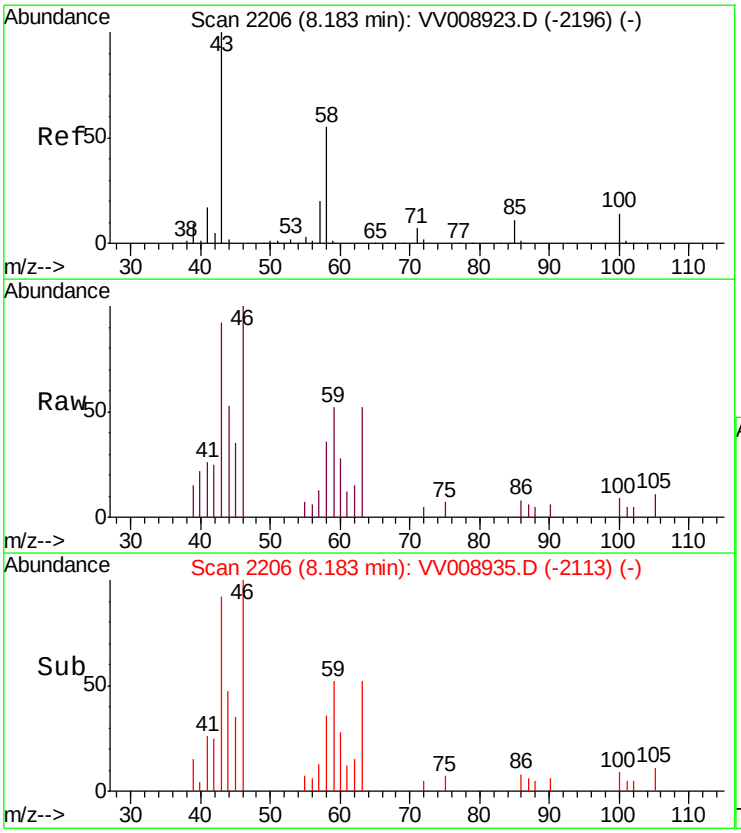
#44
trans-1,3-Dichloropropene
Concen: 0.785 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Instrument : MSVOA_V
ClientSampleId : C0L57

Tgt Ion: 75 Resp: 1536

Ion	Ratio	Lower	Upper
75	100		
77	42.1	21.6	40.2#

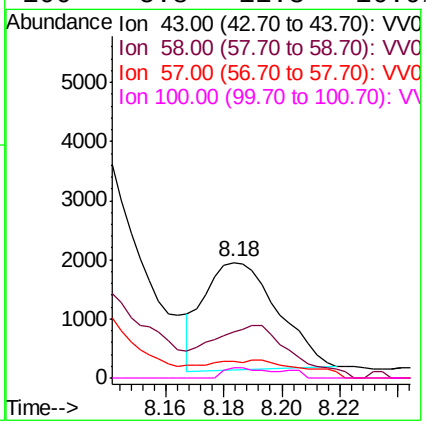


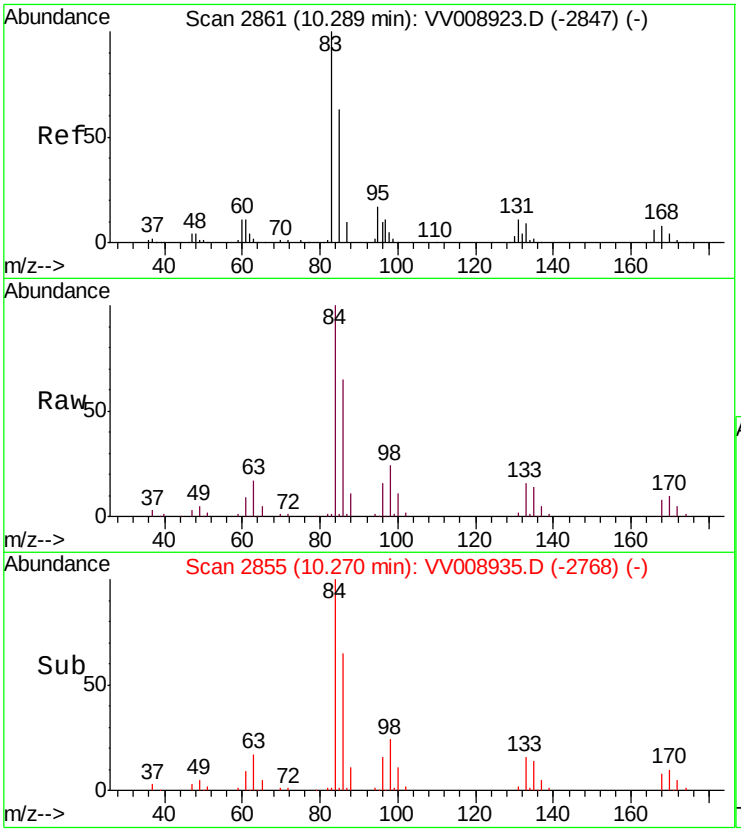


#48
2-Hexanone
Concen: 2.516 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Tgt Ion: 43 Resp: 3184

Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.7	64.1
57	1.4	15.7	23.5#
100	5.8	11.3	16.9#



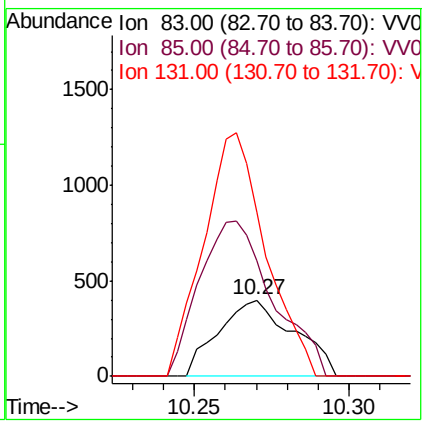


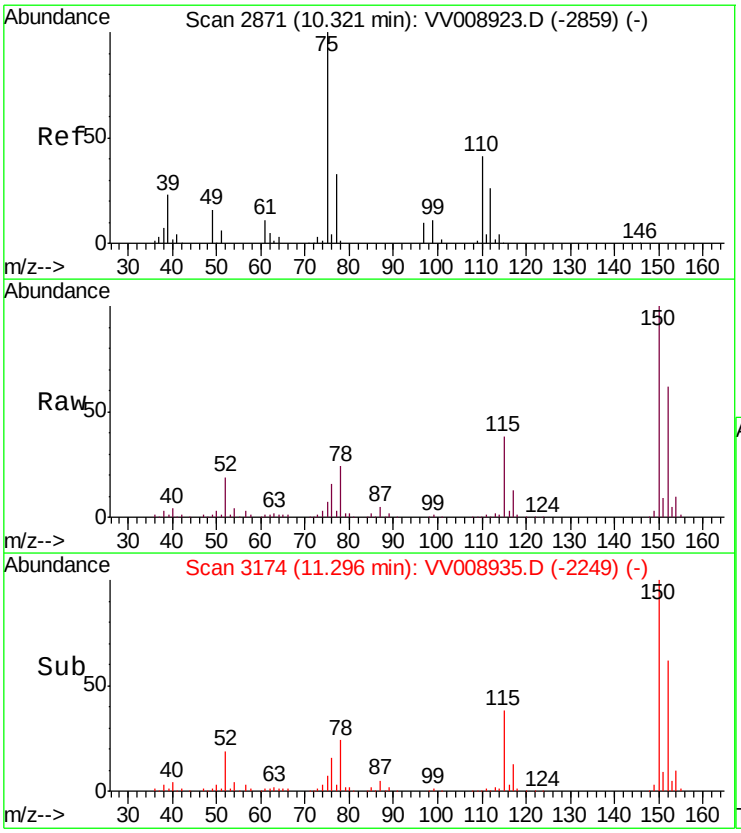
#58
1,1,2,2-Tetrachloroethane
Concen: 0.347 ug/L
RT: 10.27 min Scan# 2855
Delta R.T. -0.02 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Instrument : MSVOA_V
ClientSampleId : C0L57

Tgt Ion: 83 Resp: 680

Ion	Ratio	Lower	Upper
83	100		
85	152.0	45.3	84.1#
131	214.8	9.2	13.8#





#59
1,2,3-Trichloropropane
Concen: 4.957 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.97 min
Lab File: VV008935.D
Acq: 14 Dec 2018 17:29

Tgt Ion: 75 Resp: 8212

Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.8	38.8