Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

Quantitation Report (Not Reviewed)

Data File : VV008980.D
Acq On : 17 Dec 2018 15:17
Operator : SY/MD
Sample : J6383-02 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0935

Quant Time: Dec 18 01:50:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	215661	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202375	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100434	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	58500	46.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.90%			
7) Chloroethane-d5	1.56	69	47749	60.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 120.48%			
11) 1,1-Dichloroethene-d2	2.13	63	110935	37.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.60%			
21) 2-Butanone-d5	3.93	46	92595	110.12	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 110.12%			
24) Chloroform-d	4.41	84	128190	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.40%			
26) 1,2-Dichloroethane-d4	5.08	65	84950	49.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.26%			
32) Benzene-d6	5.10	84	264534	48.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.02%			
36) 1,2-Dichloropropane-d6	6.12	67	80563	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.32%			
41) Toluene-d8	7.36	98	248926	48.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.24%			
43) trans-1,3-Dichloropropene-	7.67	79	38816	46.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.40%			
47) 2-Hexanone-d5	8.13	63	67945	112.02	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.02%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101420	47.93	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.86%			
64) 1,2-Dichlorobenzene-d4	11.68	152	102582	49.52	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.04%			
Target Compounds						Qvalue
5) Vinyl chloride	1.21	62	1910	1.439	ug/L #	42
9) Trichlorofluoromethane	2.13	101	1015	0.422	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1015	0.690	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1021	0.762	ug/L #	1
27) 1,2-Dichloroethane	5.15	62	1746	0.843	ug/L #	74
31) Carbon tetrachloride	4.88	117	1530	0.683	ug/L	96
33) Benzene	5.15	78	247492	44.366	ug/L	100
37) 1,2-Dichloropropane	6.12	63	8697	6.030	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2279	0.991	ug/L #	53
48) 2-Hexanone	8.14	43	7532	5.428	ug/L #	66
51) Chlorobenzene	8.93	112	1223501	300.426	ug/L	100
59) 1,2,3-Trichloropropane	11.23	75	15086	8.306	ug/L #	44
62) 1,3-Dichlorobenzene	11.23	146	51170	15.893	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	449520	138.657	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	575813	176.137	ug/L	98
67) 1,3,5-Trichlorobenzene	13.31	180	37405	18.027	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	37405	26.281	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

Quantitation Report (Not Reviewed)

Data File : VV008980.D
Acq On : 17 Dec 2018 15:17
Operator : SY/MD
Sample : J6383-02 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0935

Quant Time: Dec 18 01:50:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	13.80	180	8527	5.949	ug/L	99

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

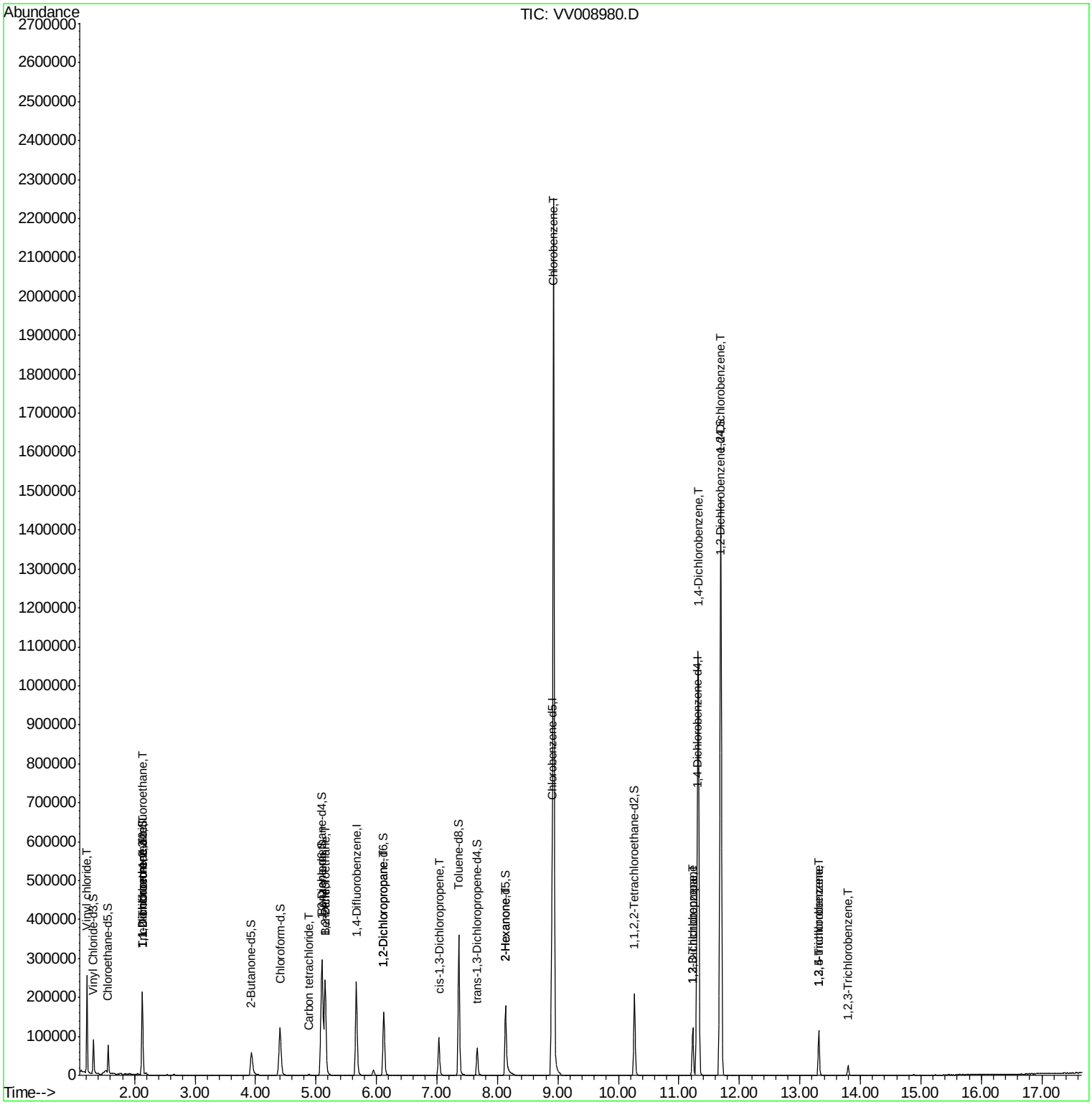
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

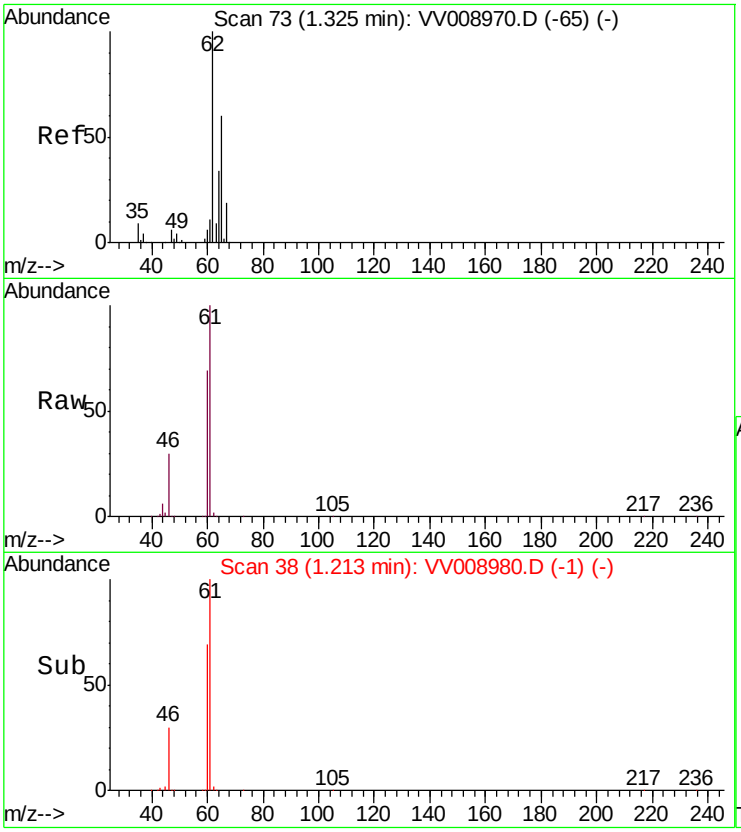
Quantitation Report (Not Reviewed)

Data File : VV008980.D
Acq On : 17 Dec 2018 15:17
Operator : SY/MD
Sample : J6383-02 100X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0935

Quant Time: Dec 18 01:50:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 18 01:46:20 2018
Response via : Initial Calibration



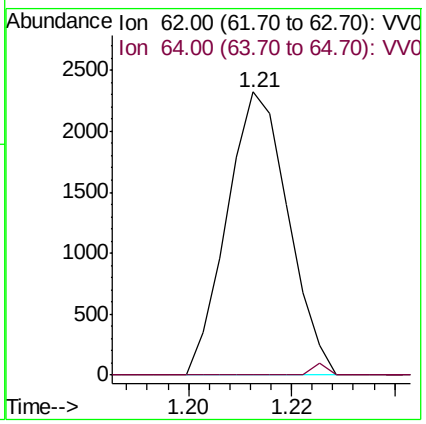


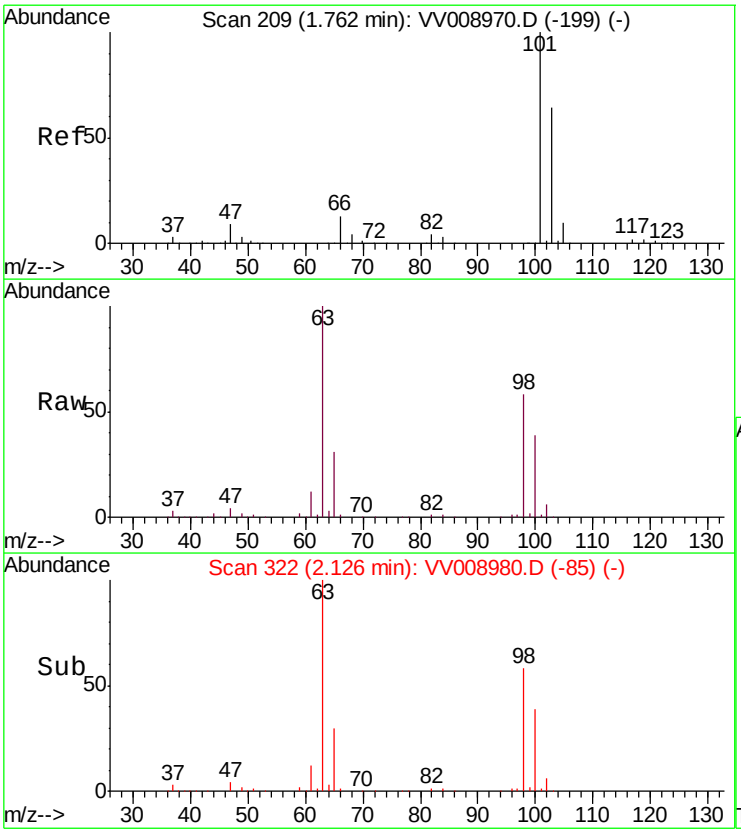
#5
Vinyl chloride
Concen: 1.439 ug/L
RT: 1.21 min Scan# 38
Delta R.T. -0.11 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument : MSVOA_V
ClientSampleId : C0935

Tgt Ion: 62 Resp: 1910

Ion	Ratio	Lower	Upper
62	100		
64	0.0	22.9	42.5#

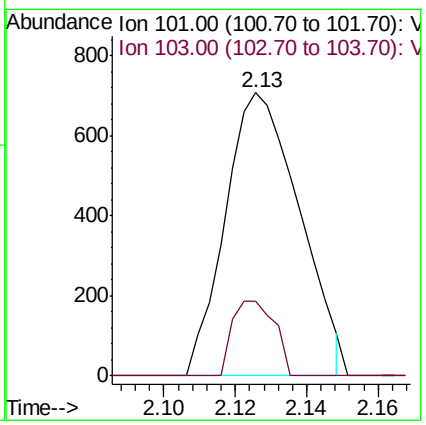


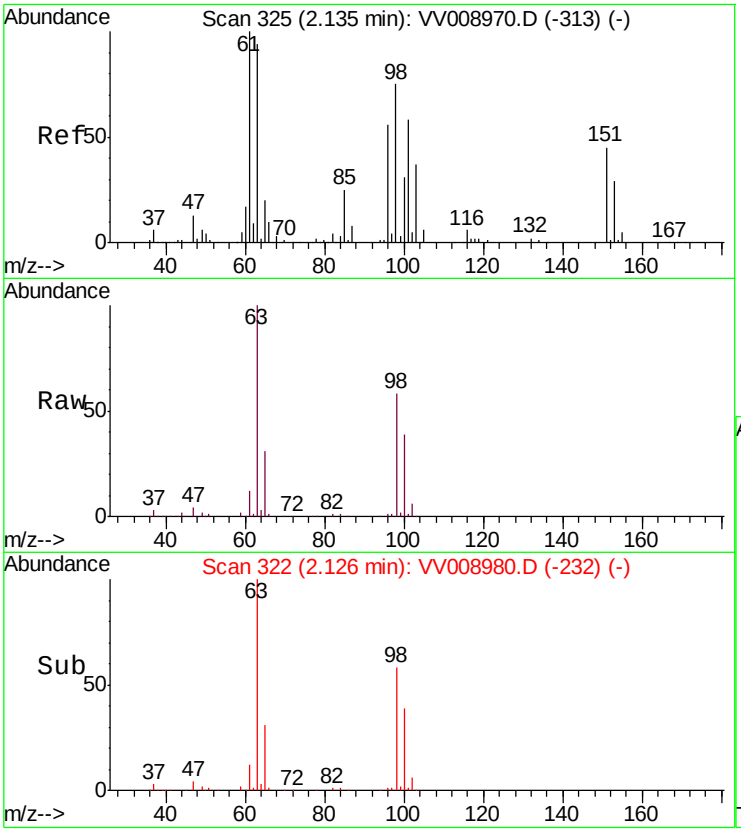


#9
Trichlorofluoromethane
Concen: 0.422 ug/L
RT: 2.13 min Scan# 322
Delta R.T. 0.36 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion:101 Resp: 1015

Ion	Ratio	Lower	Upper
101	100		
103	15.2	51.5	77.3#



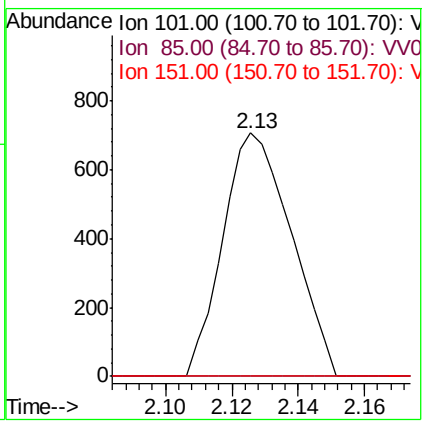


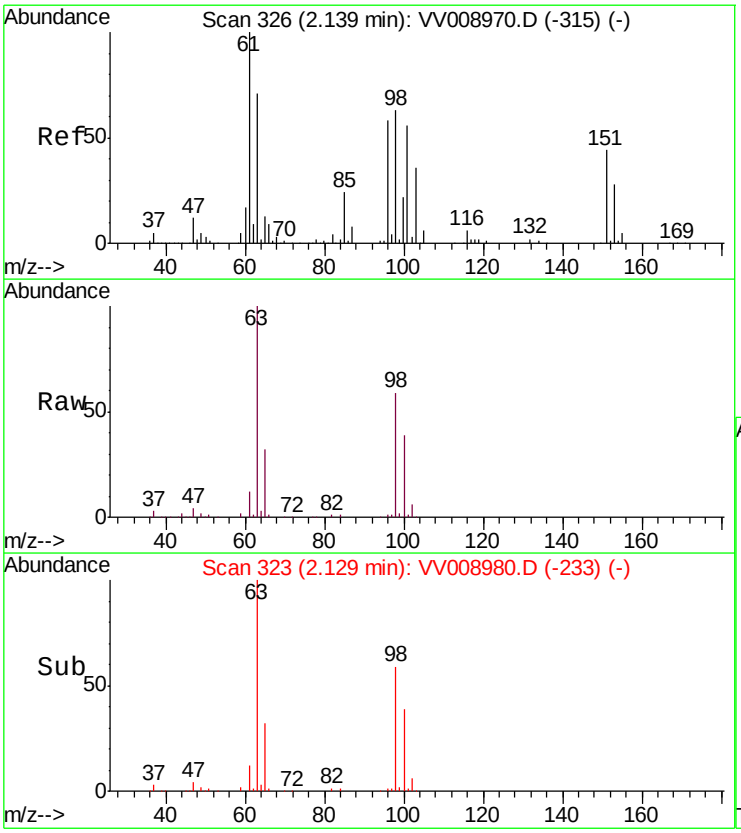
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.690 ug/L
RT: 2.13 min Scan# 322
Delta R.T. -0.01 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument :
MSVOA_V
ClientSampleId :
C0935

Tgt Ion:101 Resp: 1015

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

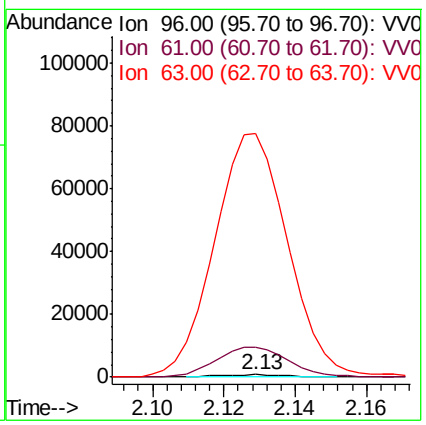


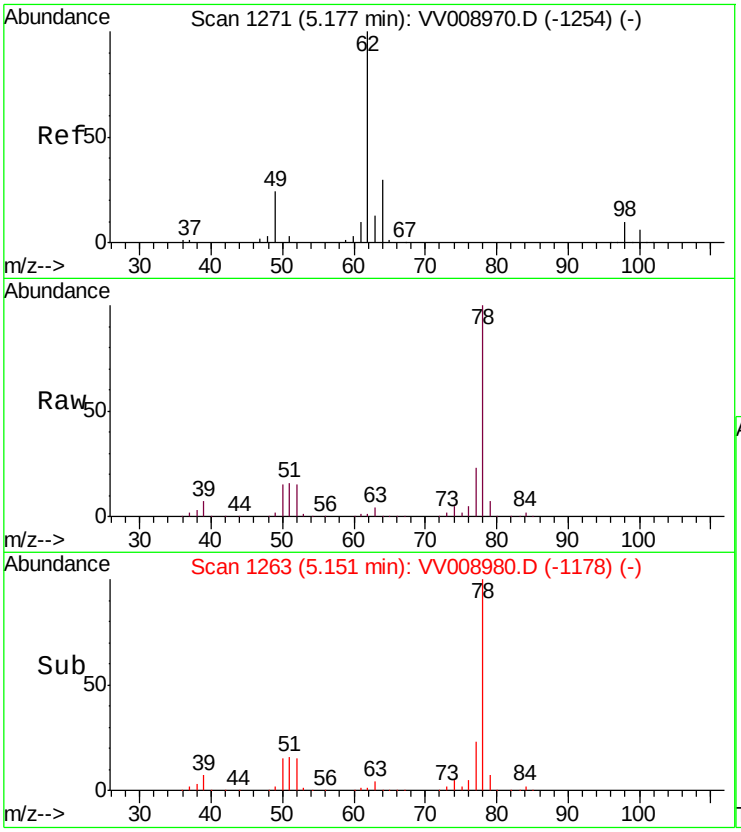


#12
1,1-Dichloroethene
Concen: 0.762 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion: 96 Resp: 1021

Ion	Ratio	Lower	Upper
96	100		
61	1267.8	119.1	221.3#
63	10270.7	96.0	178.2#



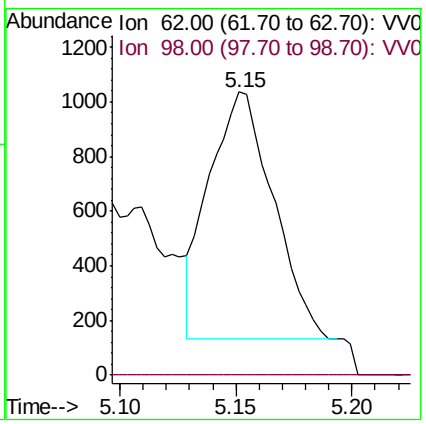


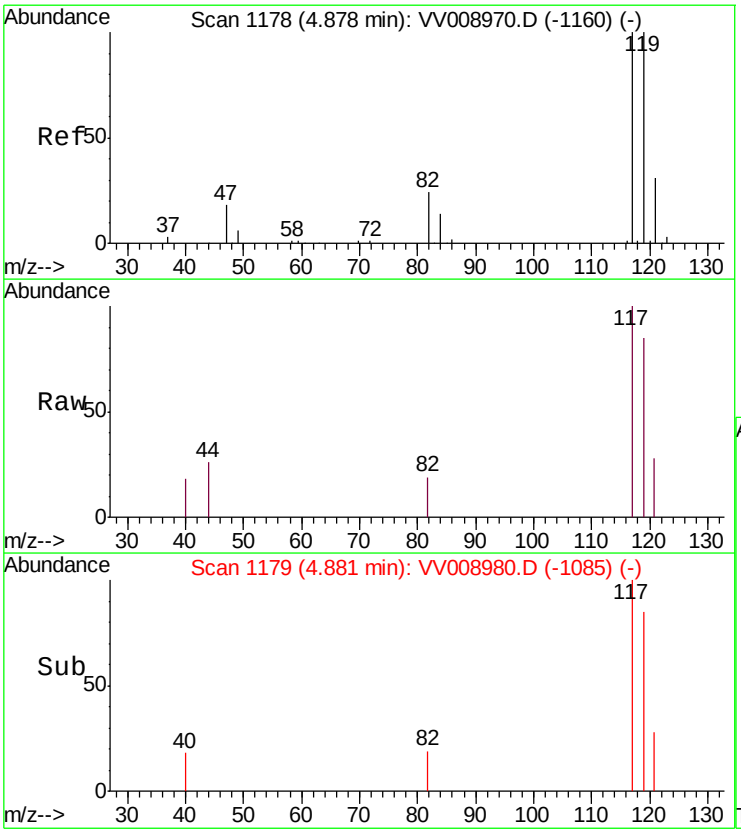
#27
1,2-Dichloroethane
Concen: 0.843 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.03 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument :
MSVOA_V
ClientSampleId :
C0935

Tgt Ion: 62 Resp: 1746

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.5	11.3#

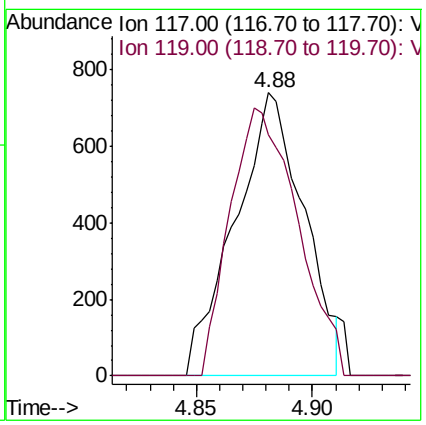


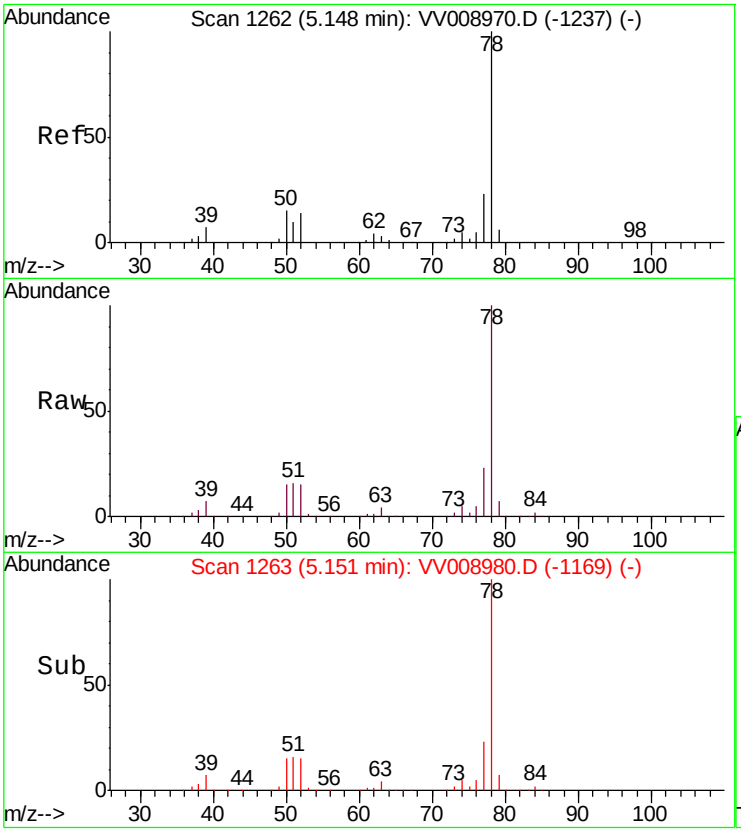


#31
Carbon tetrachloride
Concen: 0.683 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion:117 Resp: 1530

Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.7	116.5

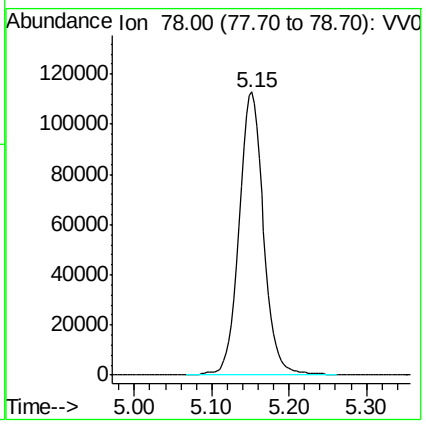


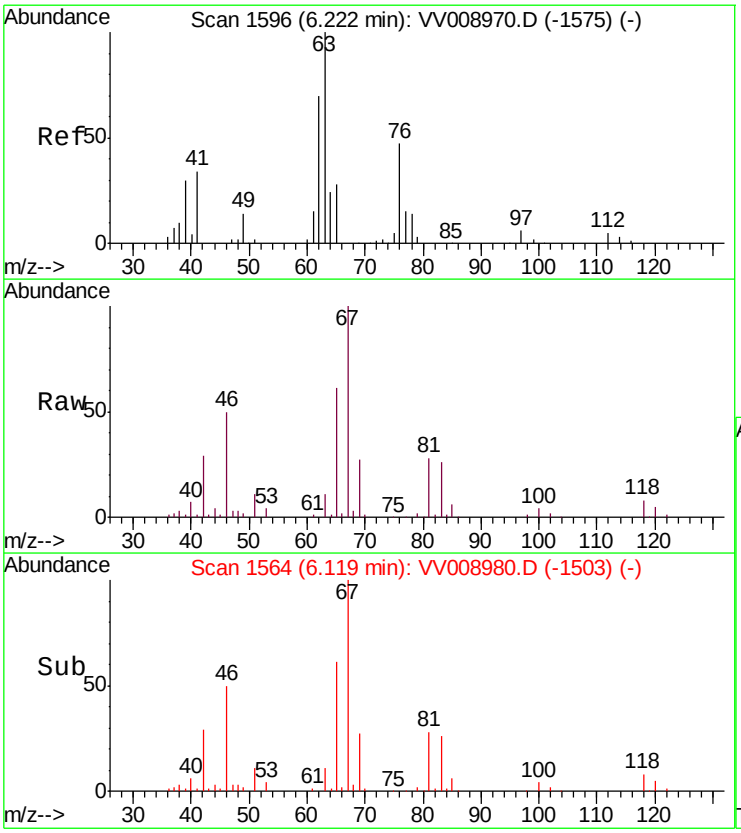


#33
Benzene
Concen: 44.366 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument :
MSVOA_V
ClientSampleId :
C0935

Tgt Ion: 78 Resp: 247492

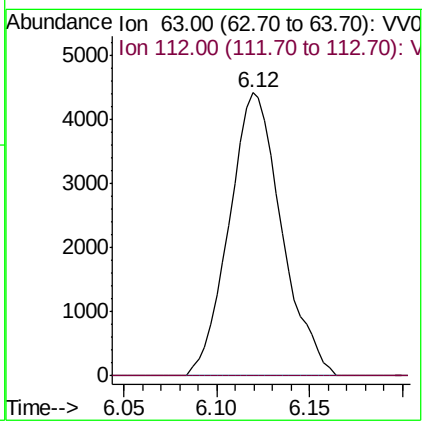


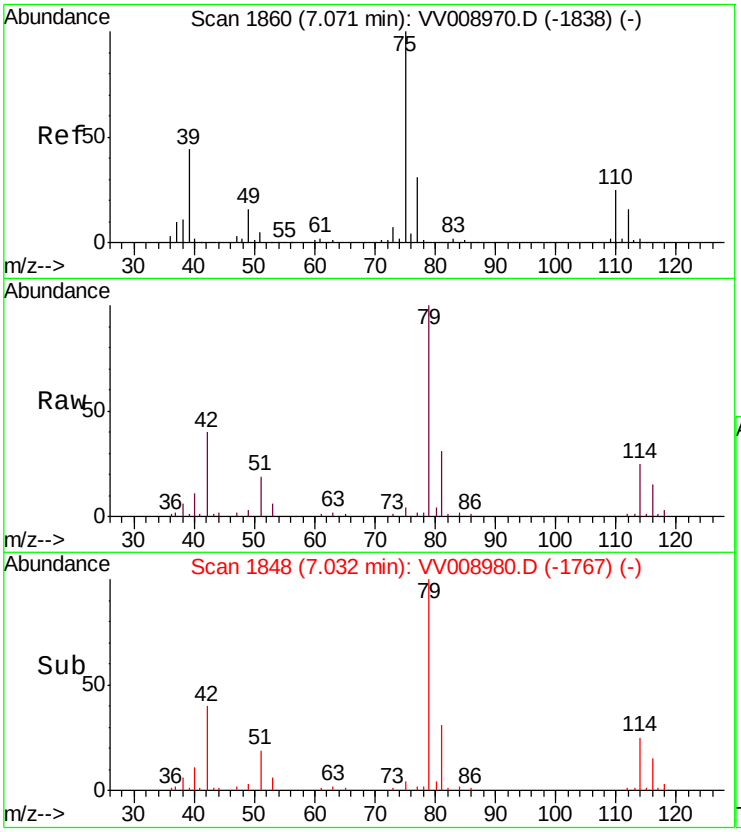


#37
1,2-Dichloropropane
Concen: 6.030 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion: 63 Resp: 8697

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



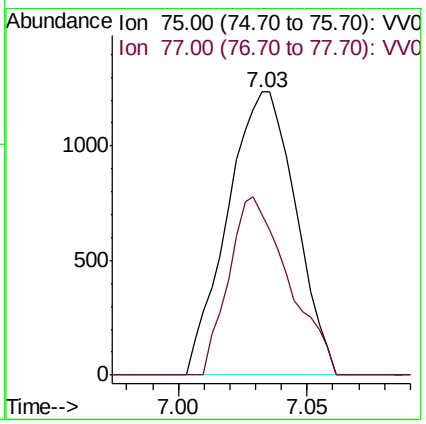


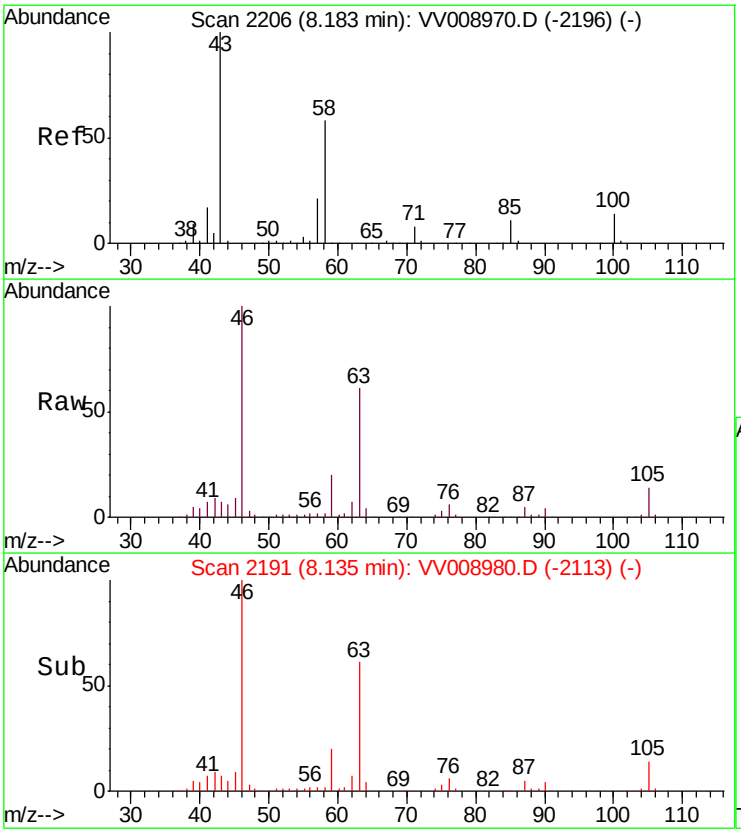
#39
cis-1,3-Dichloropropene
Concen: 0.991 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument : MSVOA_V
ClientSampleId : C0935

Tgt Ion: 75 Resp: 2279

Ion	Ratio	Lower	Upper
75	100		
77	56.8	21.8	40.4#

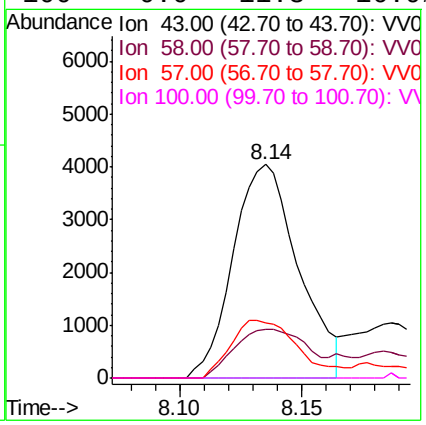


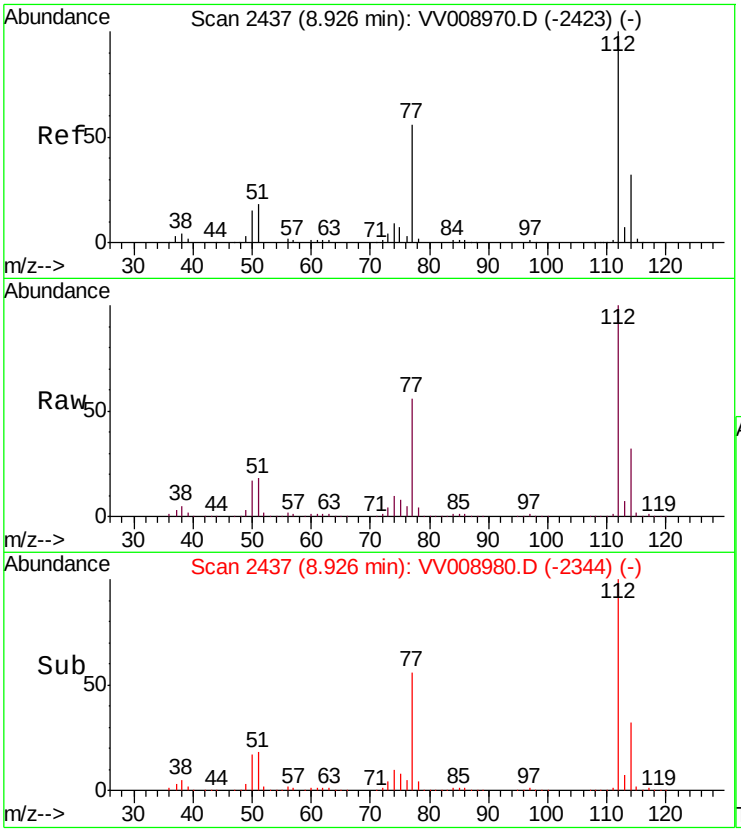


#48
2-Hexanone
Concen: 5.428 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion: 43 Resp: 7532

Ion	Ratio	Lower	Upper
43	100		
58	24.8	42.7	64.1#
57	27.7	15.7	23.5#
100	0.0	11.3	16.9#



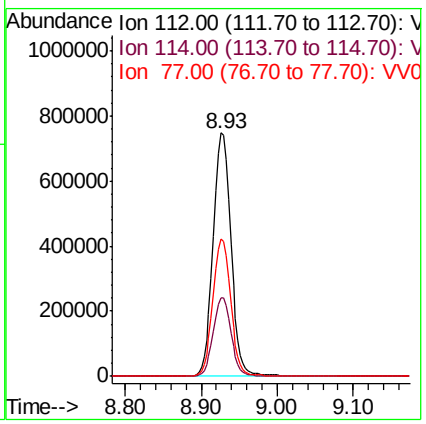


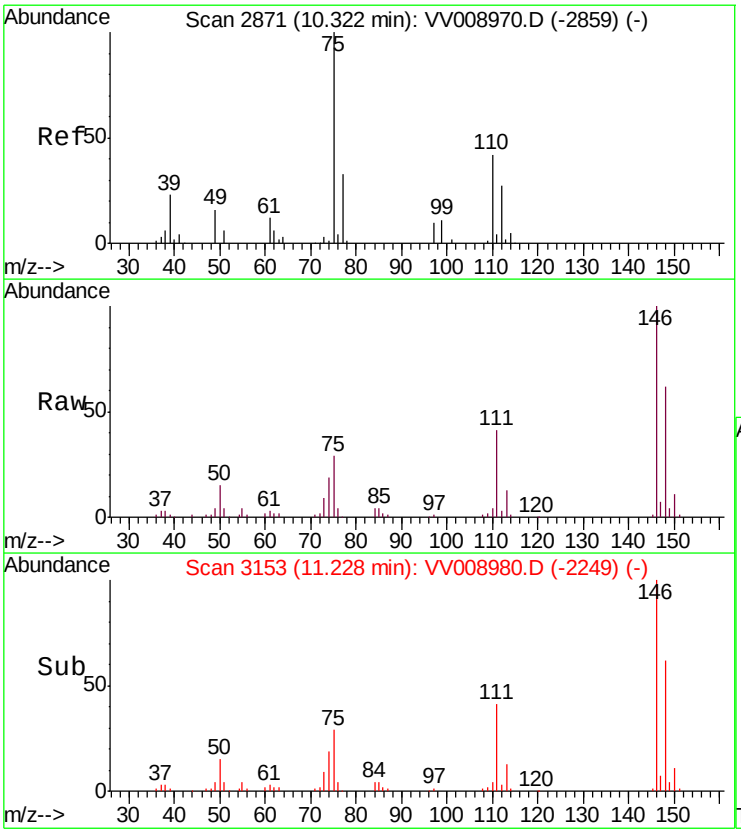
#51
Chlorobenzene
Concen: 300.426 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument : MSVOA_V
ClientSampleId : C0935

Tgt Ion:112 Resp: 1223501

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	56.2	45.2	67.8

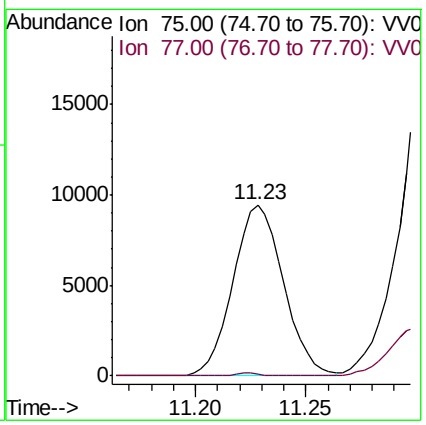


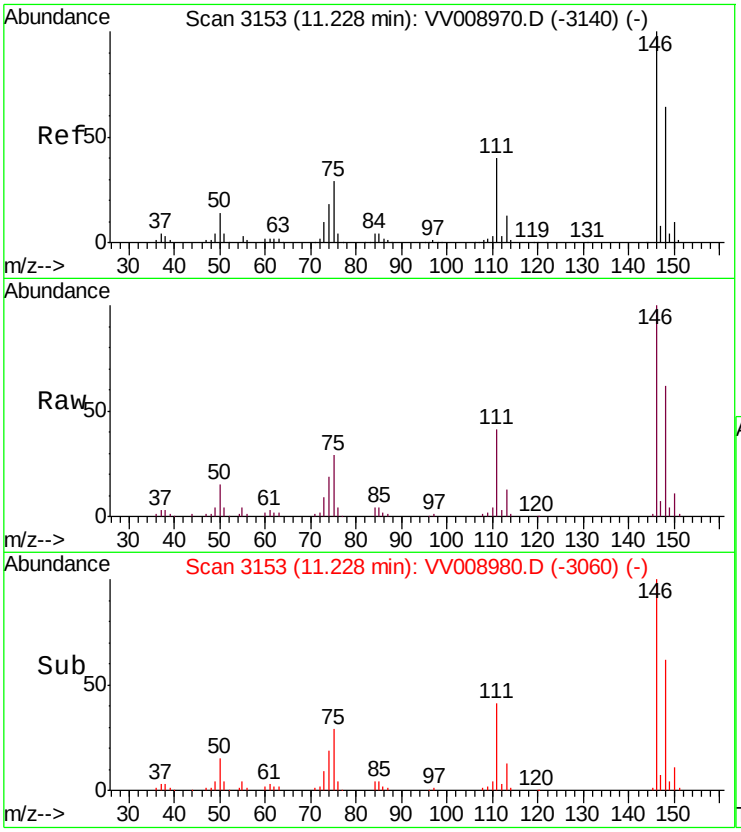


#59
1,2,3-Trichloropropane
Concen: 8.306 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. 0.91 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion: 75 Resp: 15086

Ion	Ratio	Lower	Upper
75	100		
77	0.7	25.8	38.8#



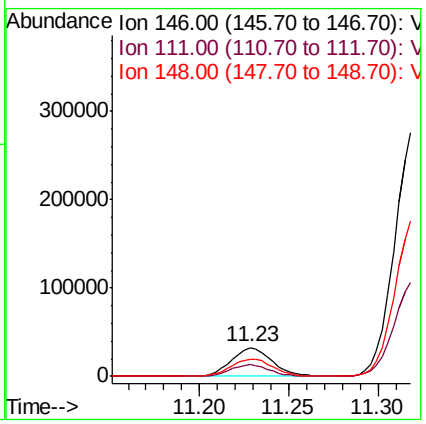


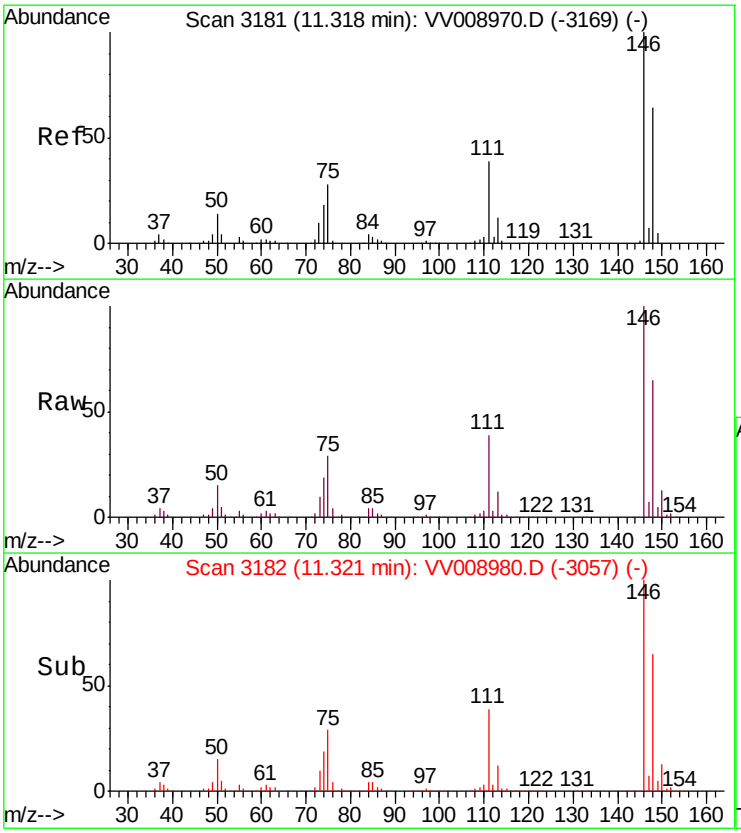
#62
1,3-Dichlorobenzene
Concen: 15.893 ug/L
RT: 11.23 min Scan# 3153
Delta R.T. -0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument : MSVOA_V
ClientSampleId : C0935

Tgt Ion:146 Resp: 51170

Ion	Ratio	Lower	Upper
146	100		
111	40.7	28.3	52.7
148	61.8	44.9	83.5

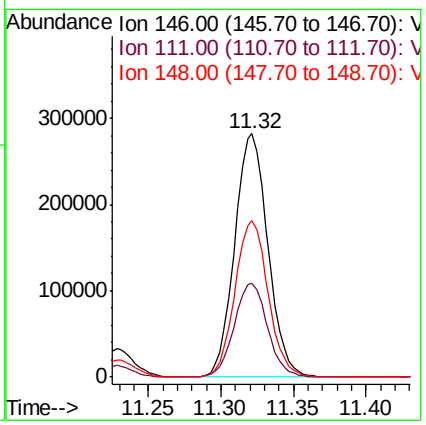


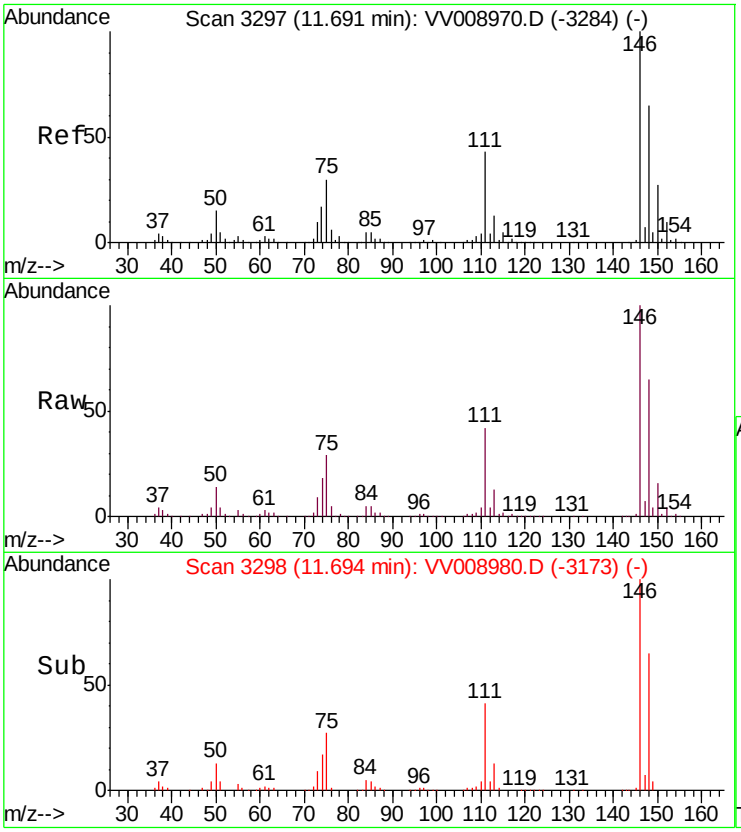


#63
1,4-Dichlorobenzene
Concen: 138.657 ug/L
RT: 11.32 min Scan# 3182
Delta R.T. 0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion:146 Resp: 449520

Ion	Ratio	Lower	Upper
146	100		
111	38.5	27.9	51.9
148	64.5	45.2	84.0



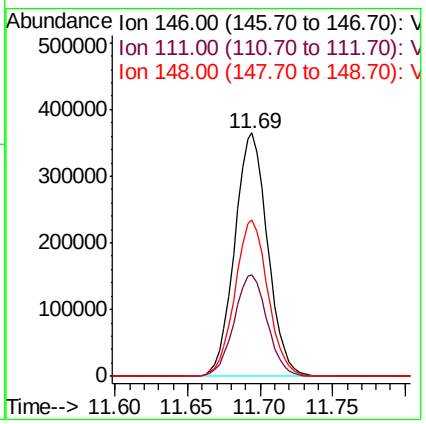


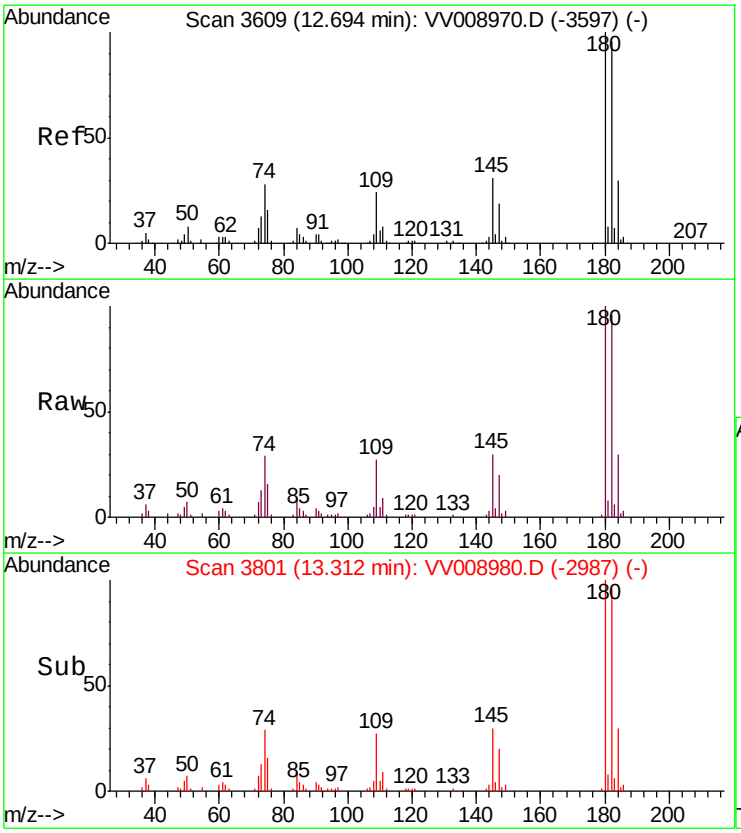
#65
1,2-Dichlorobenzene
Concen: 176.137 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument : MSVOA_V
ClientSampleId : C0935

Tgt Ion:146 Resp: 575813

Ion	Ratio	Lower	Upper
146	100		
111	41.7	32.8	49.2
148	64.5	50.5	75.7

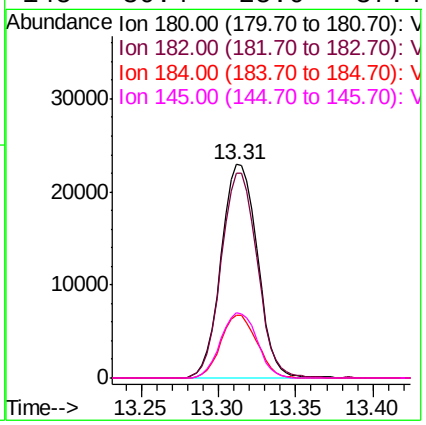


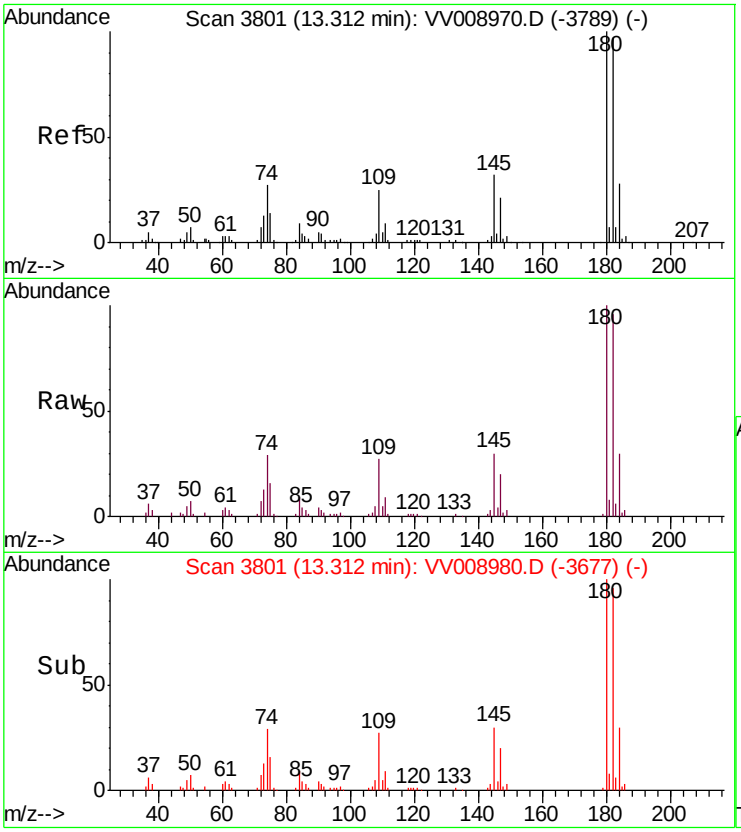


#67
1,3,5-Trichlorobenzene
Concen: 18.027 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. 0.62 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion:180 Resp: 37405

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.4	113.0
184	29.3	24.2	36.2
145	30.4	25.0	37.4



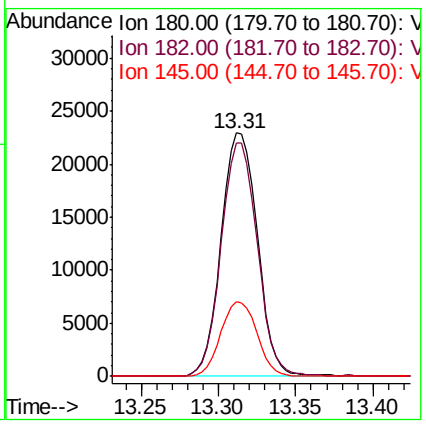


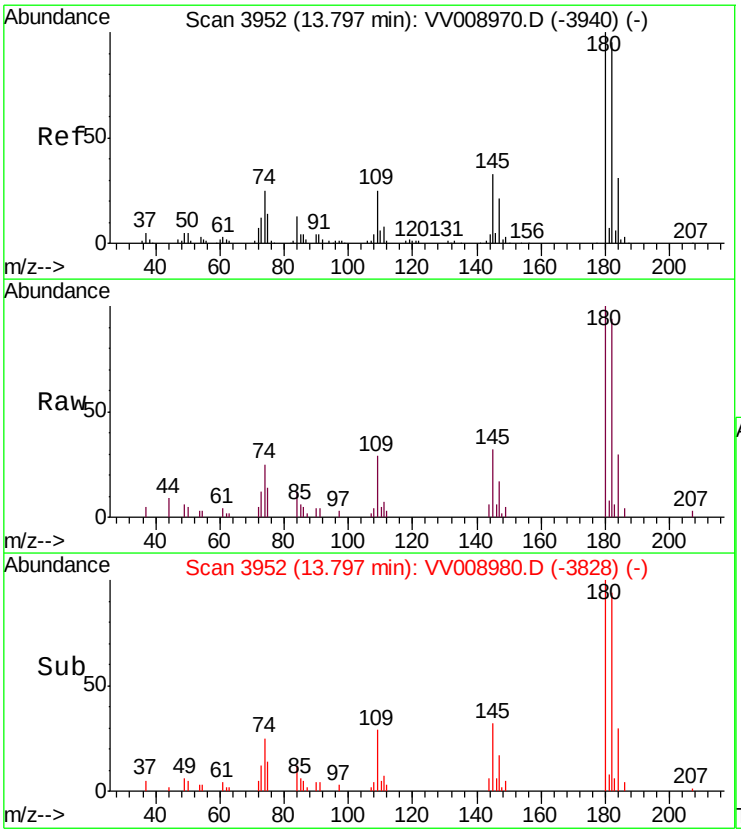
#68
1,2,4-trichlorobenzene
Concen: 26.281 ug/L
RT: 13.31 min Scan# 3801
Delta R.T. -0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Instrument :
MSVOA_V
ClientSampleId :
C0935

Tgt Ion:180 Resp: 37405

Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.7	113.5
145	30.4	25.0	37.4





#70
1,2,3-Trichlorobenzene
Concen: 5.949 ug/L
RT: 13.80 min Scan# 3952
Delta R.T. -0.00 min
Lab File: VV008980.D
Acq: 17 Dec 2018 15:17

Tgt Ion:180 Resp: 8527

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	115.0
145	31.6	26.1	39.1