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

Quantitation Report (Not Reviewed)

Data File : VV008977.D
Acq On : 17 Dec 2018 14:05
Operator : SY/MD
Sample : J6387-13
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LB6

Quant Time: Dec 18 01:50:22 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	212311	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81314	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	60234	48.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 97.16%			
7) Chloroethane-d5	1.56	69	43088	55.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.44%			
11) 1,1-Dichloroethene-d2	2.13	63	110561	37.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.52%			
21) 2-Butanone-d5	3.93	46	92796	112.10	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.10%			
24) Chloroform-d	4.41	84	127297	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.24%			
26) 1,2-Dichloroethane-d4	5.09	65	84207	49.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.94%			
32) Benzene-d6	5.10	84	265340	51.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.26%			
36) 1,2-Dichloropropane-d6	6.12	67	81472	52.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.50%			
41) Toluene-d8	7.36	98	246811	51.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.32%			
43) trans-1,3-Dichloropropene-	7.67	79	38515	49.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.34%			
47) 2-Hexanone-d5	8.14	63	63610	111.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.28%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	97390	48.84	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.68%			
64) 1,2-Dichlorobenzene-d4	11.68	152	84777	50.55	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.10%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.13	101	1134	0.479	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1157	0.798	ug/L #	18
12) 1,1-Dichloroethene	2.14	96	3540	2.685	ug/L #	1
34) Trichloroethene	5.96	95	39401	25.962	ug/L	98
35) Methylcyclohexane	6.12	83	20103	8.932	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8825	6.493	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2517	1.161	ug/L #	74
44) trans-1,3-Dichloropropene	7.67	75	1713	0.848	ug/L #	80
48) 2-Hexanone	8.18	43	2961	2.264	ug/L #	50
58) 1,1,2,2-Tetrachloroethane	10.27	83	703	0.348	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	9249	5.404	ug/L	91
63) 1,4-Dichlorobenzene	11.32	146	1211	0.461	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	1286	0.486	ug/L #	73

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

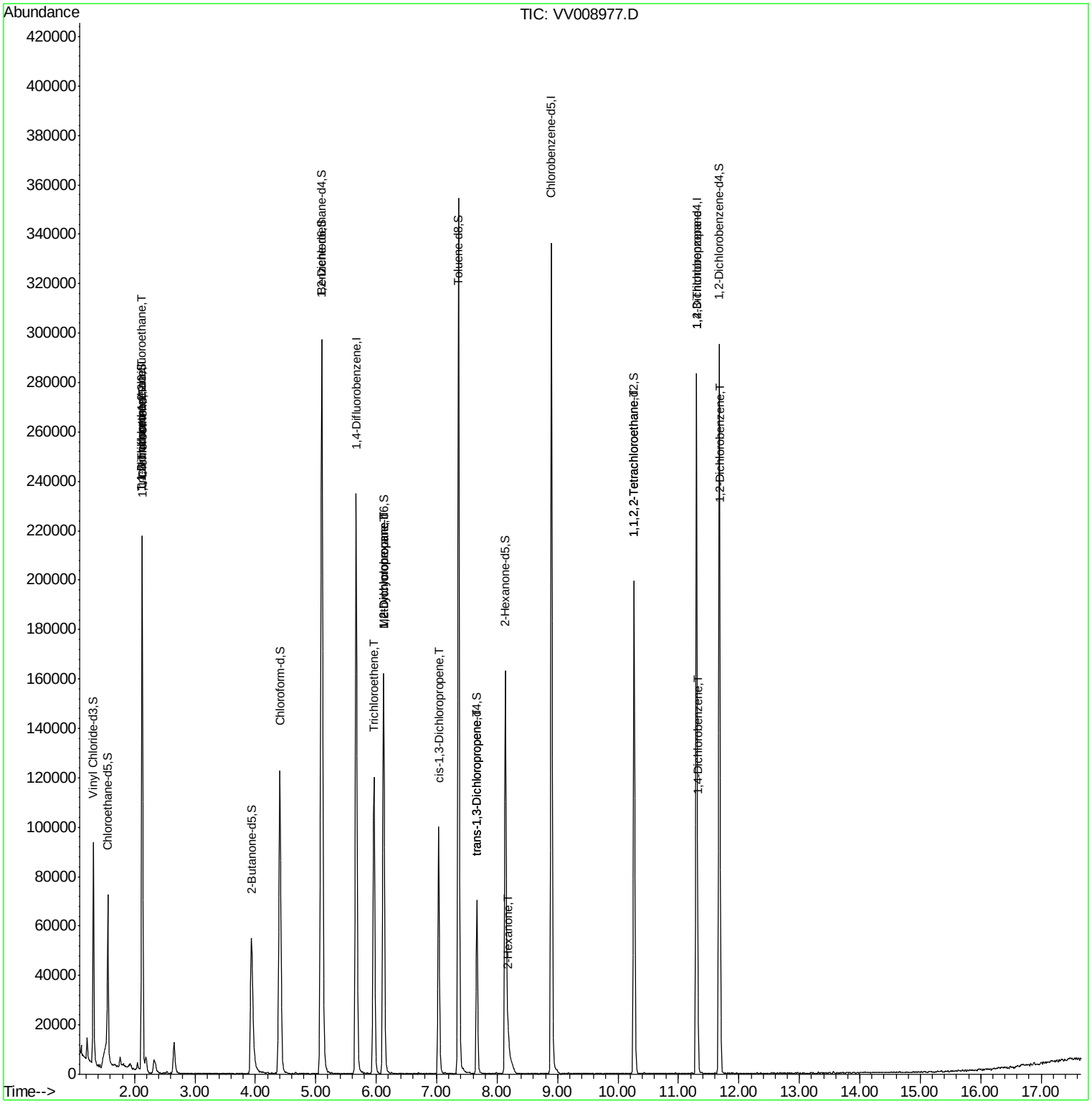
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121718\

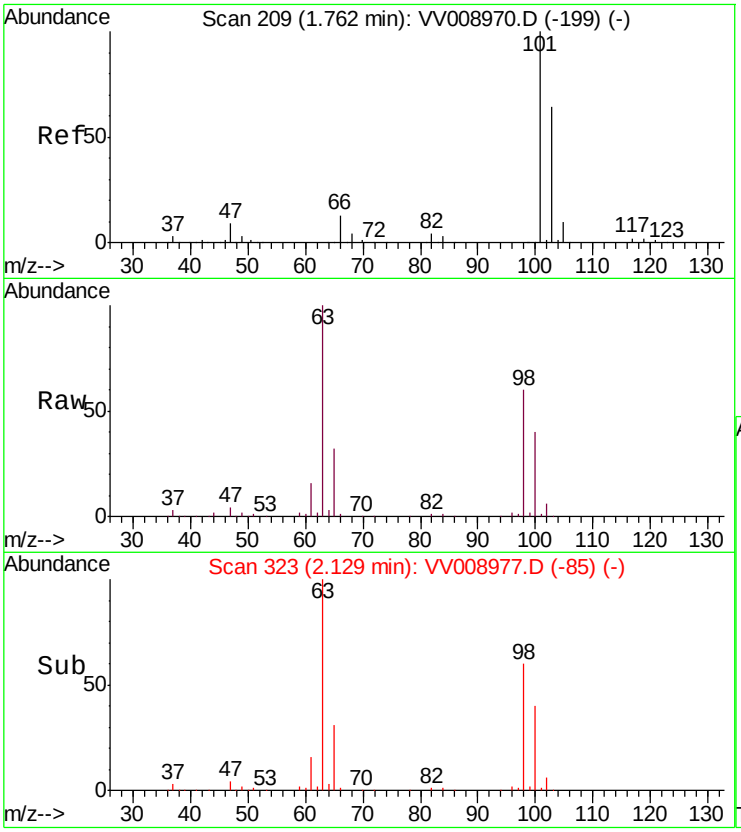
Quantitation Report (Not Reviewed)

Data File : VV008977.D
Acq On : 17 Dec 2018 14:05
Operator : SY/MD
Sample : J6387-13
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LB6

Quant Time: Dec 18 01:50:22 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



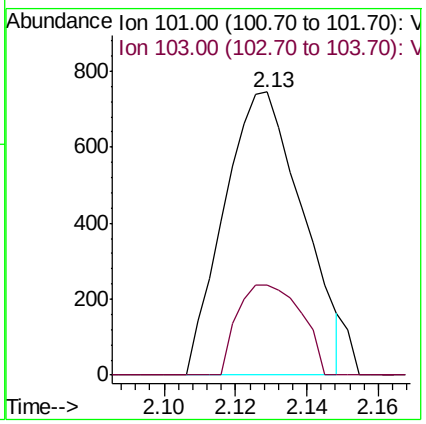


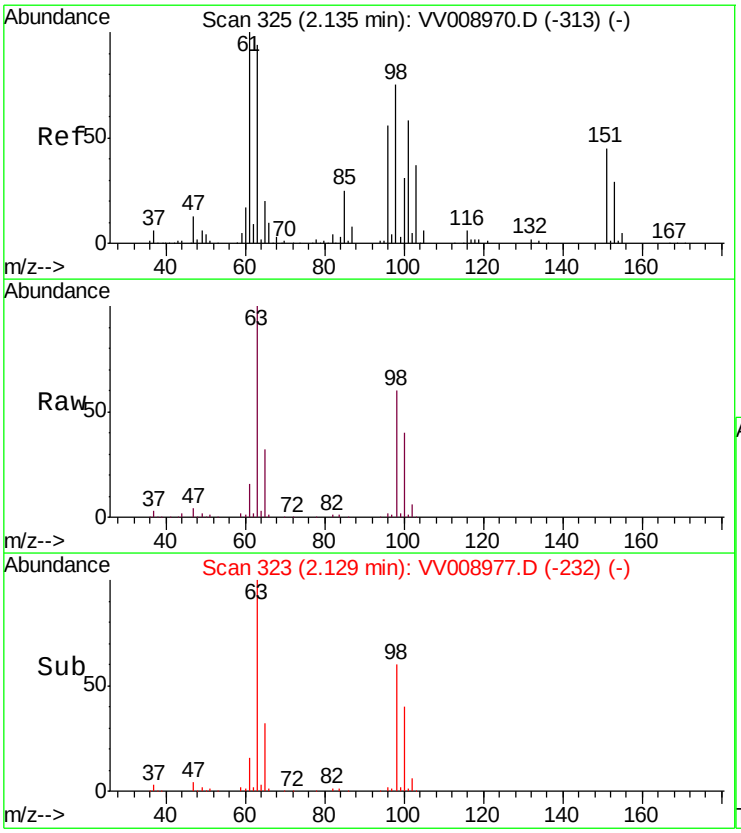
#9
Trichlorofluoromethane
Concen: 0.479 ug/L
RT: 2.13 min Scan# 323
Delta R.T. 0.37 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Instrument :
MSVOA_V
ClientSampleId :
C0LB6

Tgt Ion:101 Resp: 1134

Ion	Ratio	Lower	Upper
101	100		
103	25.9	51.5	77.3#

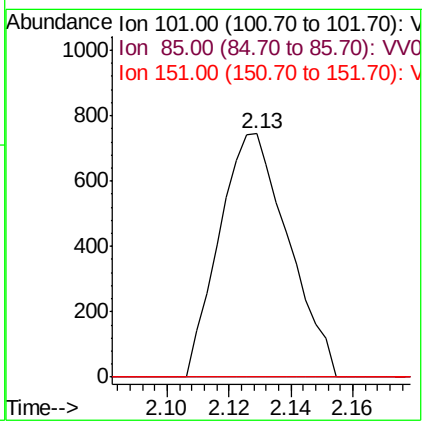


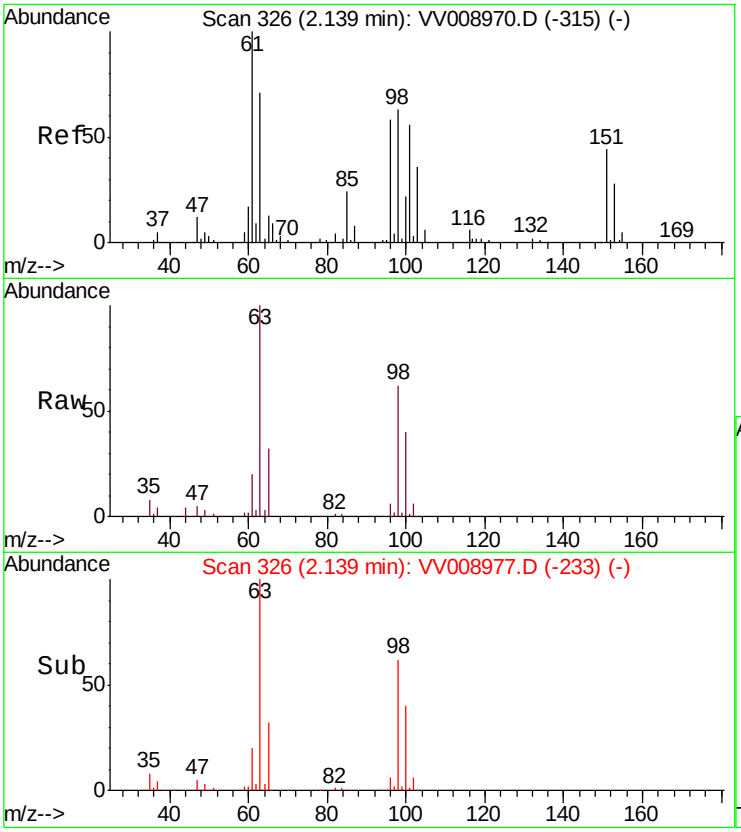


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.798 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.01 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Tgt Ion:101 Resp: 1157

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



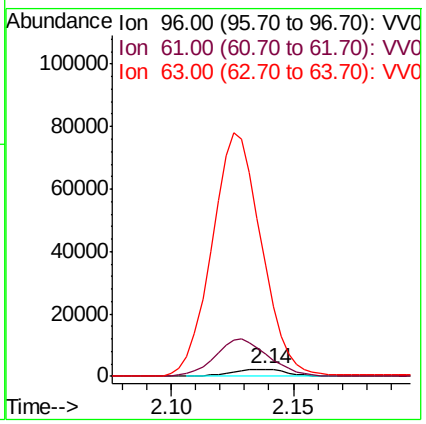


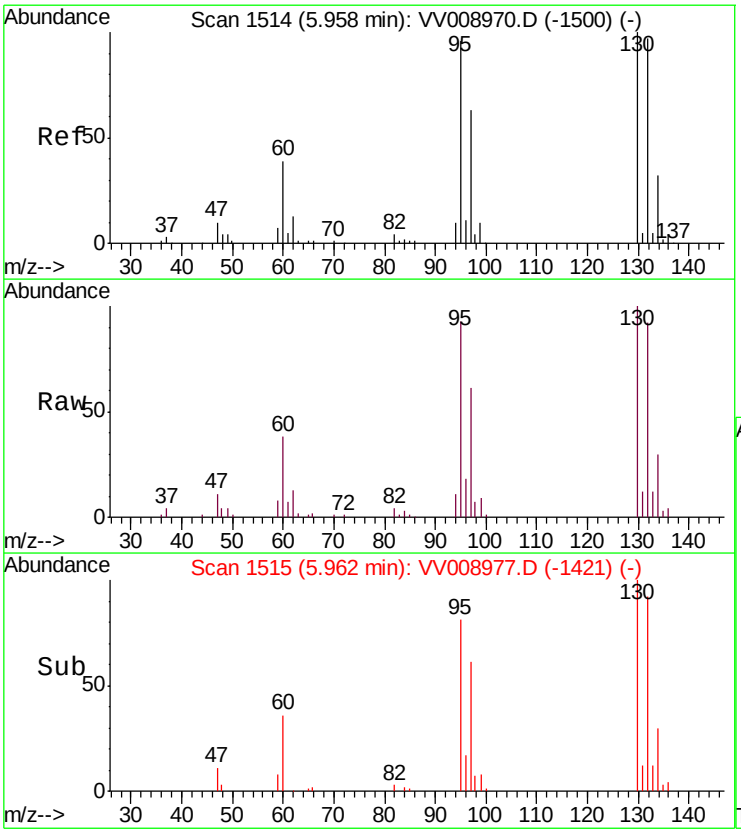
#12
1,1-Dichloroethene
Concen: 2.685 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Instrument : MSVOA_V
ClientSampleId : C0LB6

Tgt Ion: 96 Resp: 3540

Ion	Ratio	Lower	Upper
96	100		
61	328.3	119.1	221.3#
63	1623.6	96.0	178.2#

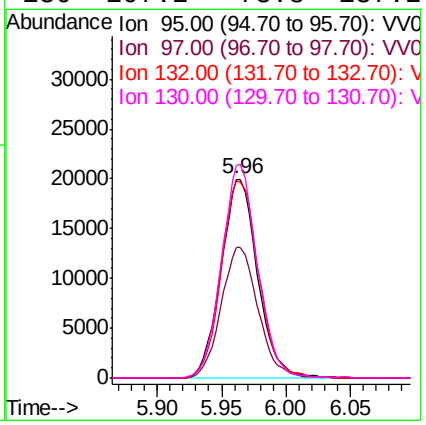


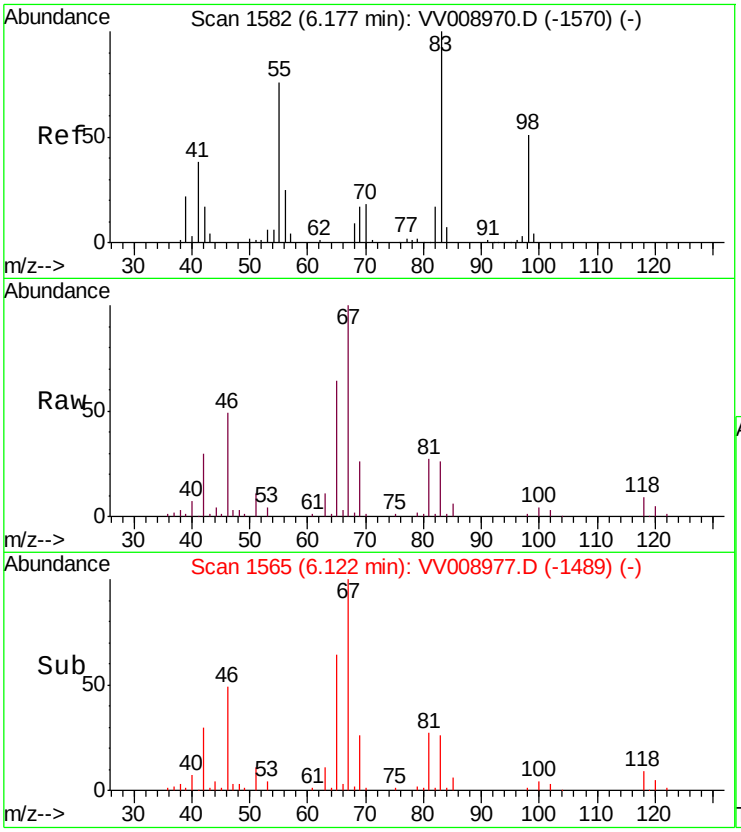


#34
Trichloroethene
Concen: 25.962 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Tgt Ion: 95 Resp: 39401

Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.7	84.9
132	99.0	72.2	134.2
130	107.2	73.8	137.2



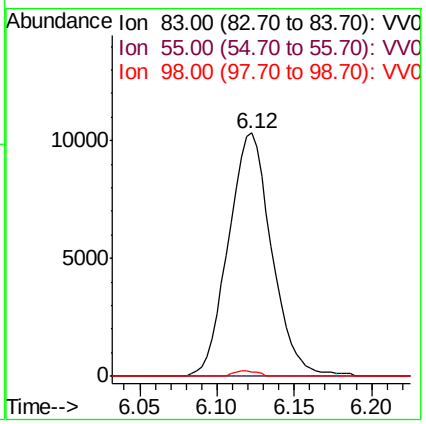


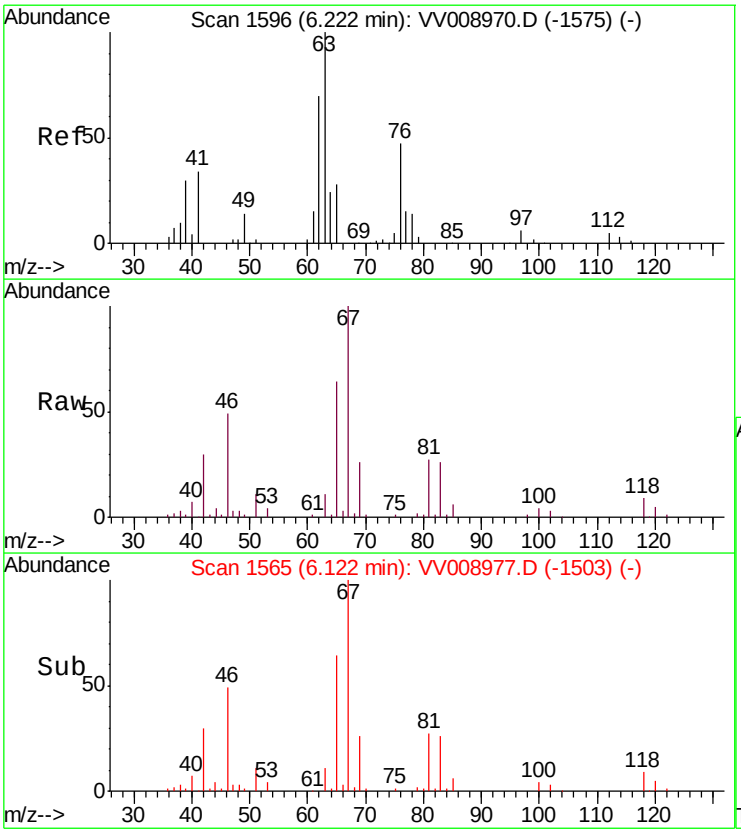
#35
Methylcyclohexane
Concen: 8.932 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Instrument : MSVOA_V
ClientSampleId : C0LB6

Tgt Ion: 83 Resp: 20103

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	1.2	39.0	58.4#

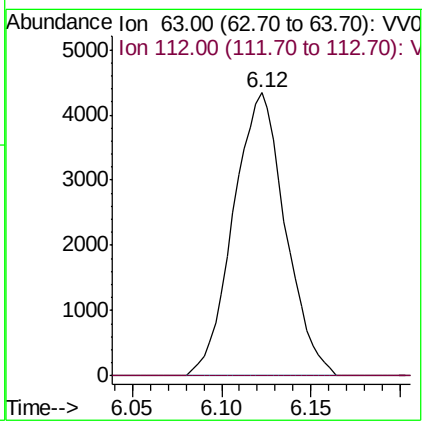


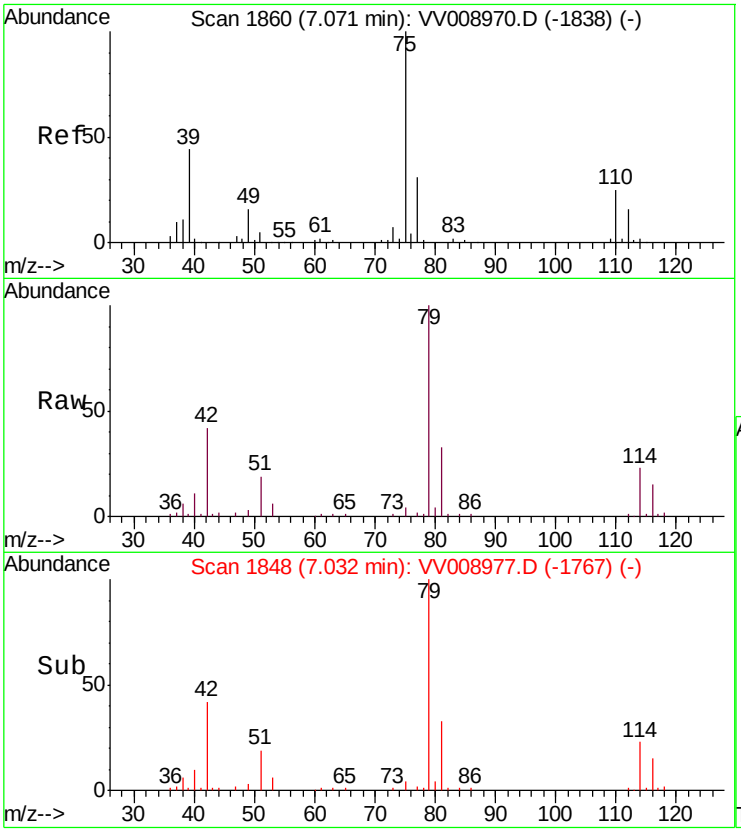


#37
1,2-Dichloropropane
Concen: 6.493 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Tgt Ion: 63 Resp: 8825

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#



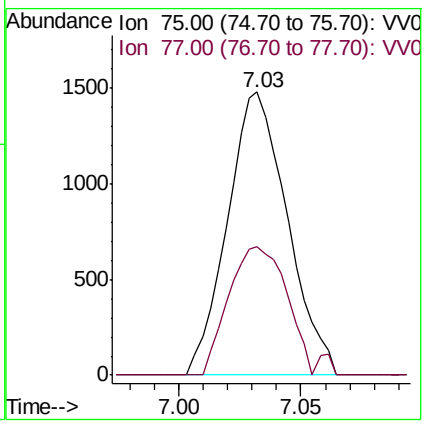


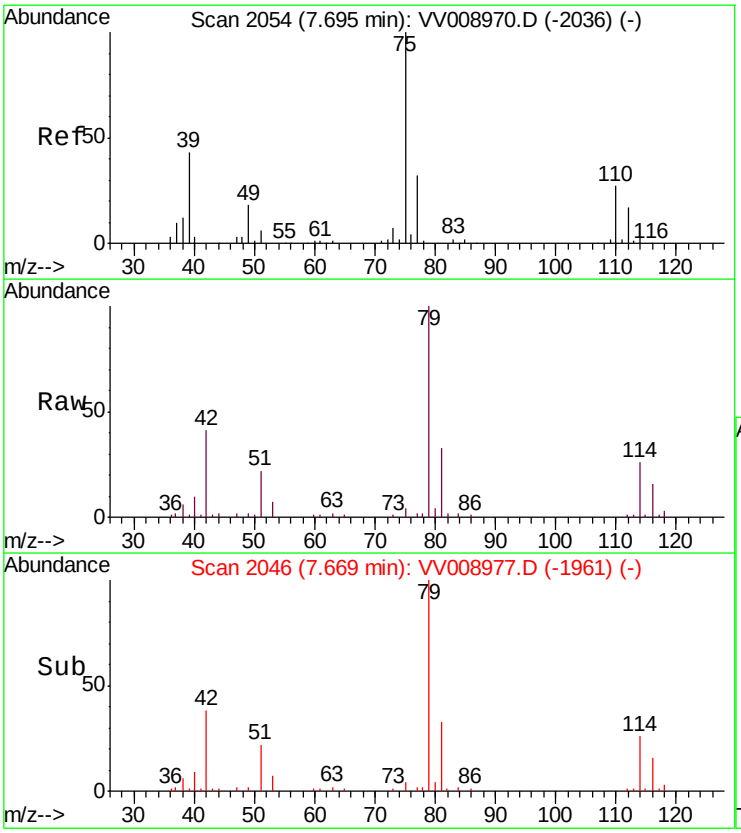
#39
cis-1,3-Dichloropropene
Concen: 1.161 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Instrument : MSVOA_V
ClientSampleId : C0LB6

Tgt Ion: 75 Resp: 2517

Ion	Ratio	Lower	Upper
75	100		
77	45.5	21.8	40.4#

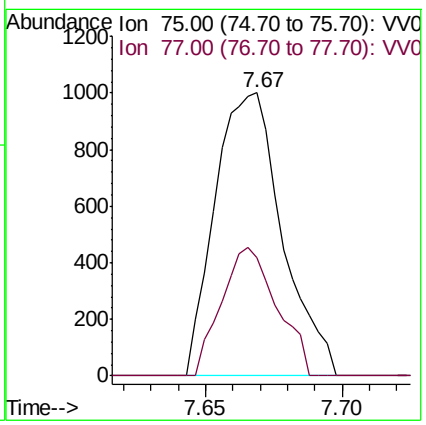


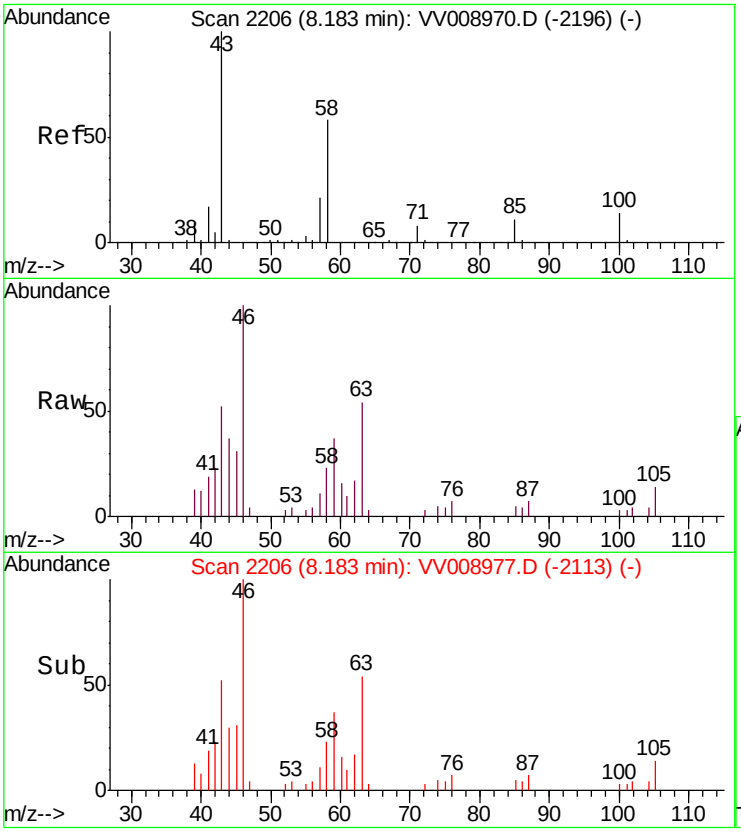


#44
trans-1,3-Dichloropropene
Concen: 0.848 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Tgt Ion: 75 Resp: 1713

Ion	Ratio	Lower	Upper
75	100		
77	42.0	21.6	40.2#



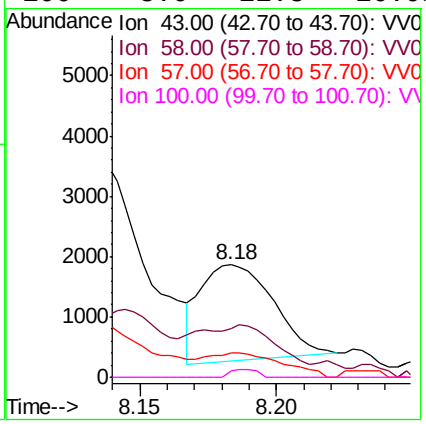


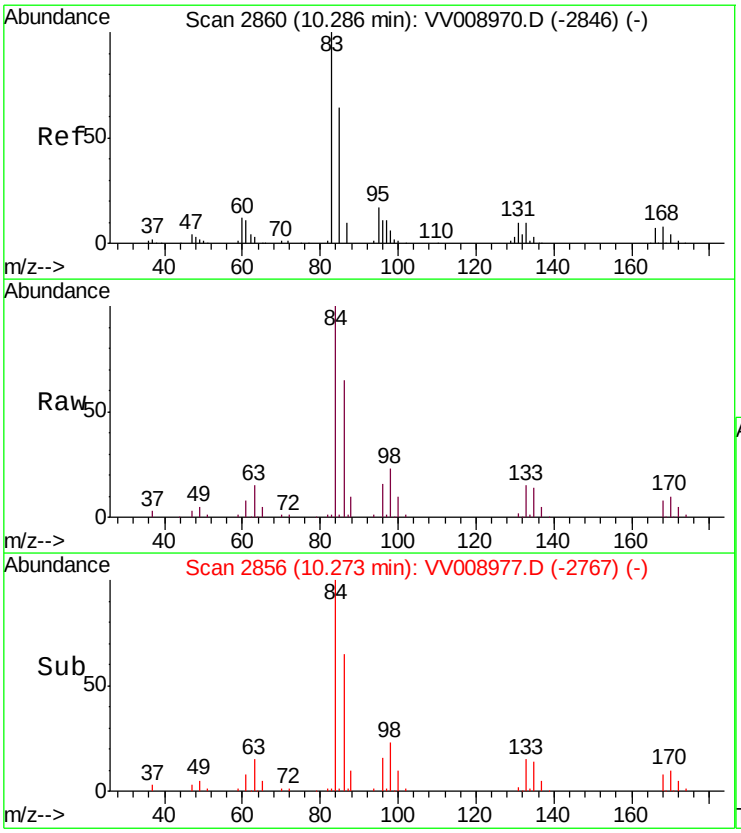
#48
2-Hexanone
Concen: 2.264 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Instrument : MSVOA_V
ClientSampleId : C0LB6

Tgt Ion: 43 Resp: 2961

Ion	Ratio	Lower	Upper
43	100		
58	4.7	42.7	64.1#
57	27.9	15.7	23.5#
100	3.0	11.3	16.9#

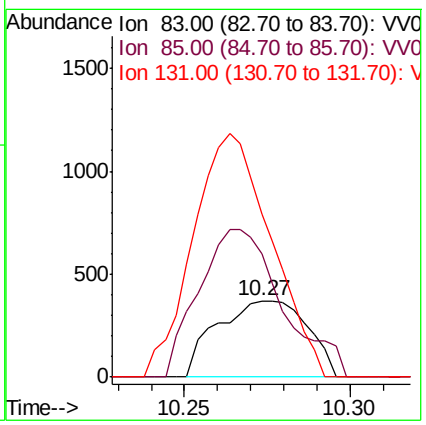


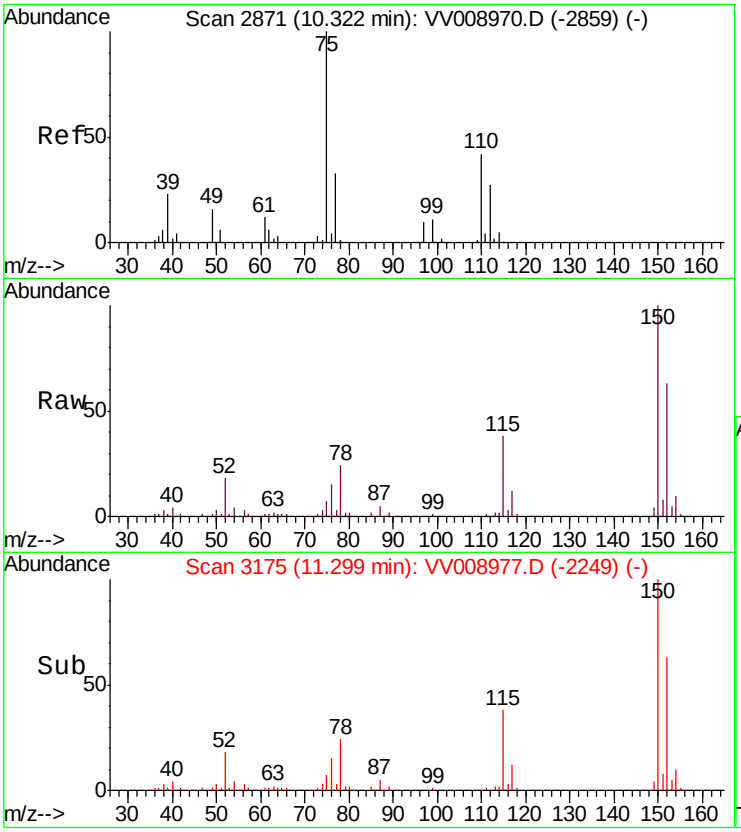


#58
1,1,2,2-Tetrachloroethane
Concen: 0.348 ug/L
RT: 10.27 min Scan# 2856
Delta R.T. -0.01 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Tgt Ion: 83 Resp: 703

Ion	Ratio	Lower	Upper
83	100		
85	160.8	45.3	84.1#
131	213.4	9.2	13.8#



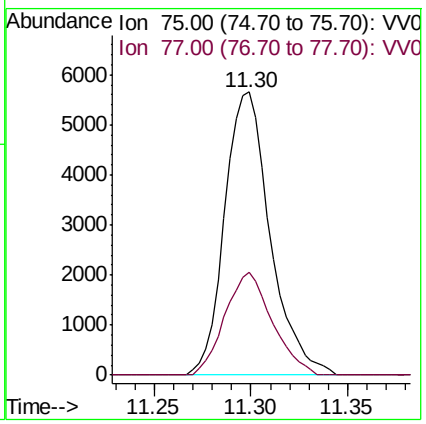


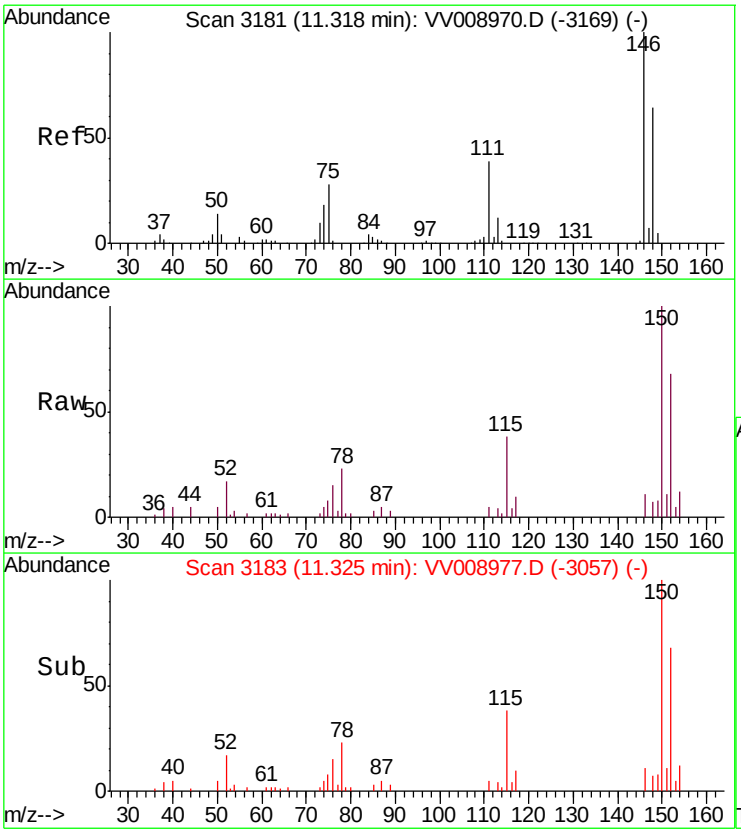
#59
1,2,3-Trichloropropane
Concen: 5.404 ug/L
RT: 11.30 min Scan# 3175
Delta R.T. 0.98 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Instrument :
MSVOA_V
ClientSampleId :
C0LB6

Tgt Ion: 75 Resp: 9249

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.8	38.8

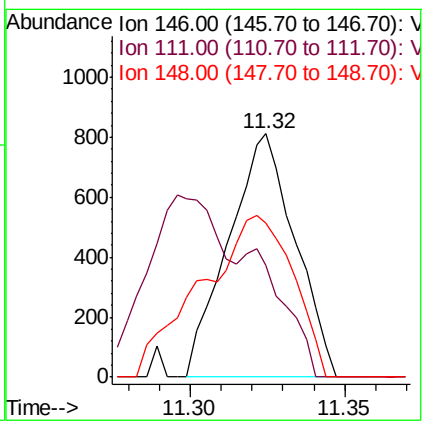


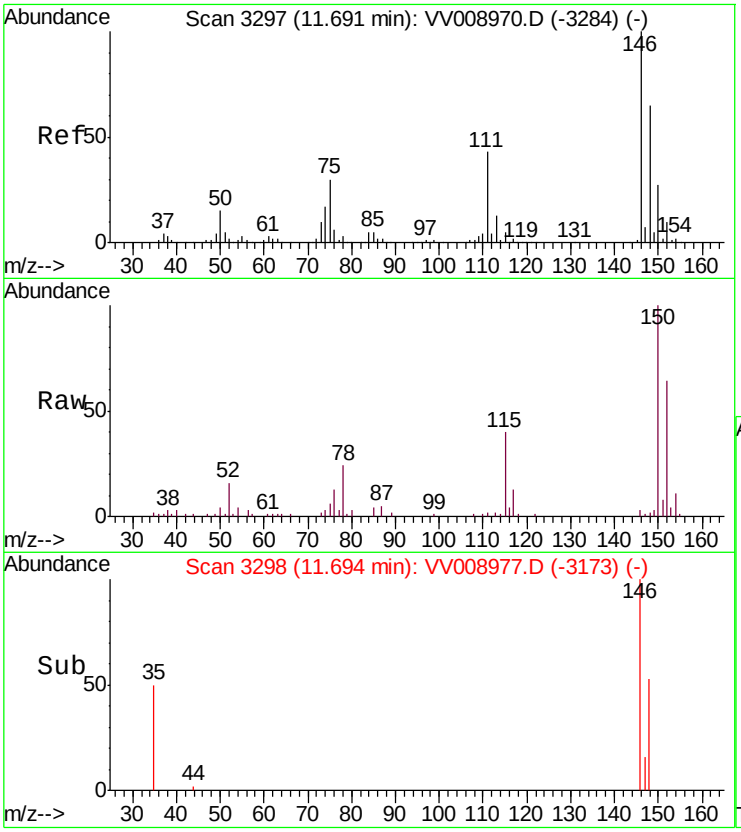


#63
1,4-Dichlorobenzene
Concen: 0.461 ug/L
RT: 11.32 min Scan# 3183
Delta R.T. 0.01 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Tgt Ion:146 Resp: 1211

Ion	Ratio	Lower	Upper
146	100		
111	45.7	27.9	51.9
148	63.4	45.2	84.0





#65
1,2-Dichlorobenzene
Concen: 0.486 ug/L
RT: 11.69 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VV008977.D
Acq: 17 Dec 2018 14:05

Instrument :
MSVOA_V
ClientSampleId :
C0LB6

Tgt Ion:146 Resp: 1286

Ion	Ratio	Lower	Upper
146	100		
111	66.1	32.8	49.2#
148	77.3	50.5	75.7#