Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
Data File : VV014786.D
Acq On : 09 Mar 2020 19:01
Operator : SY/MD
Sample : L1835-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0D82

Quant Time: Mar 10 14:50:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	418644	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	404547	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	195255	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	113745	40.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.30%			
7) Chloroethane-d5	1.58	69	97610	43.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.16%			
11) 1,1-Dichloroethene-d2	2.12	63	150281	31.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.84%			
21) 2-Butanone-d5	3.94	46	184840	87.48	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.48%			
24) Chloroform-d	4.38	84	247330	46.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.06	65	168734	46.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.62%			
32) Benzene-d6	5.08	84	509381	47.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.38%			
36) 1,2-Dichloropropane-d6	6.10	67	161293	45.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 91.12%			
41) Toluene-d8	7.34	98	478152	45.70	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.40%			
43) trans-1,3-Dichloropropene-	7.64	79	72637	42.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 84.04%			
47) 2-Hexanone-d5	8.12	63	154488	98.28	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.28%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	221147	45.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.82%			
64) 1,2-Dichlorobenzene-d4	11.65	152	193252	49.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.88%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1586	0.68	ug/L #	18
13) Acetone	2.21	43	2494	1.41	ug/L	82
25) Chloroform	4.41	83	6615	1.16	ug/L	93
37) 1,2-Dichloropropane	6.10	63	17846	5.63	ug/L #	88
59) 1,2,3-Trichloropropane	11.27	75	22077	5.46	ug/L	91
63) 1,4-Dichlorobenzene	11.29	146	6478	1.02	ug/L	84
65) 1,2-Dichlorobenzene	11.66	146	5219	0.83	ug/L #	87

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

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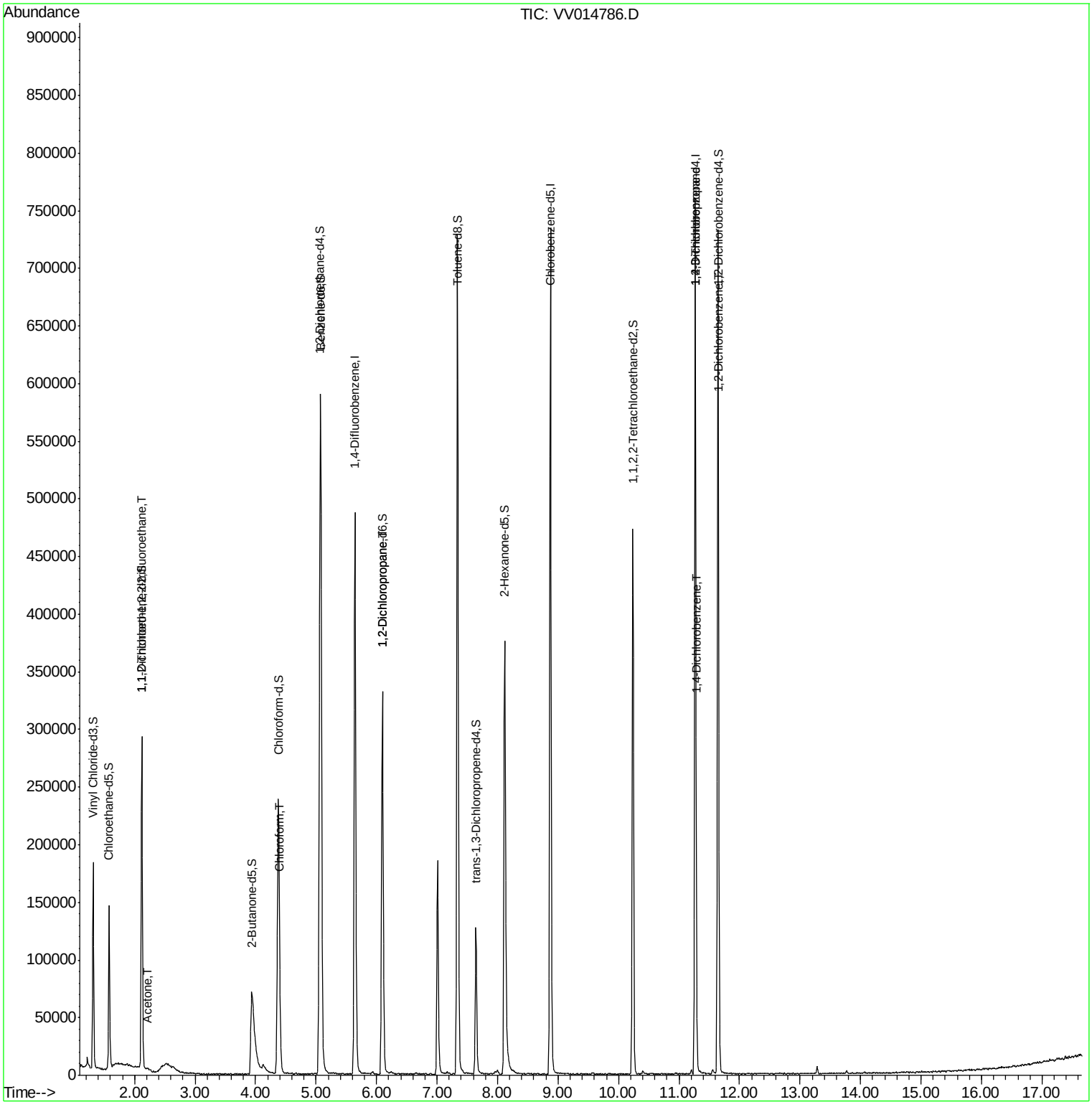
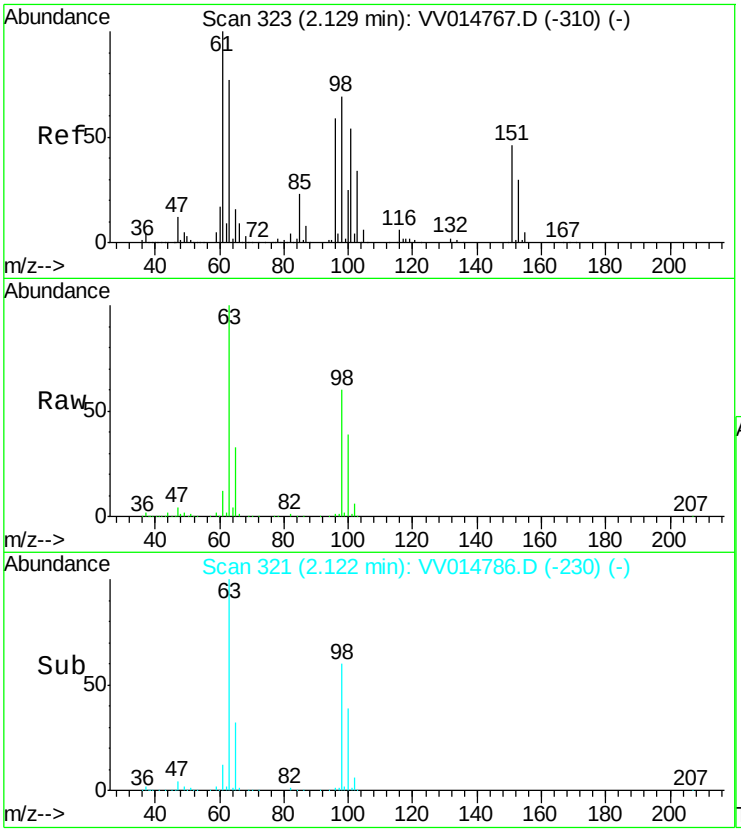
Quant Title : VOC Analysis
QLast Update : Tue Mar 10 14:44:37 2020
Response via : Initial Calibration



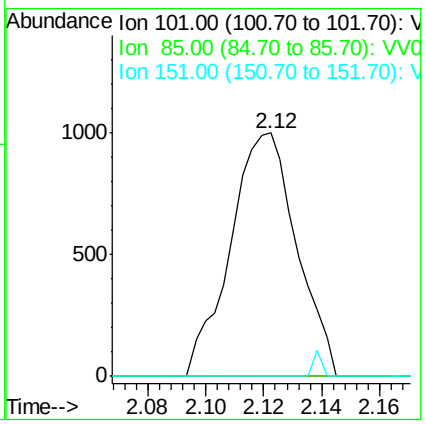


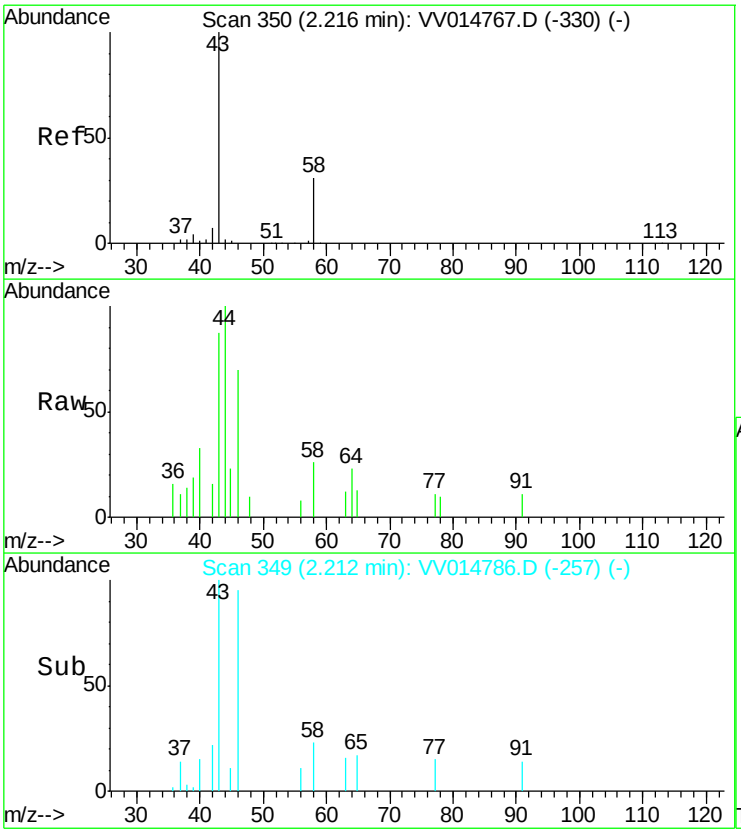
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.68 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV014786.D
Acq: 09 Mar 2020 19:01

Instrument :
MSVOA_V
ClientSampleId :
C0D82

Tgt Ion:101 Resp: 1586

Ion	Ratio	Lower	Upper
101	100		
85	2.7	35.0	52.6#
151	0.0	66.4	99.6#

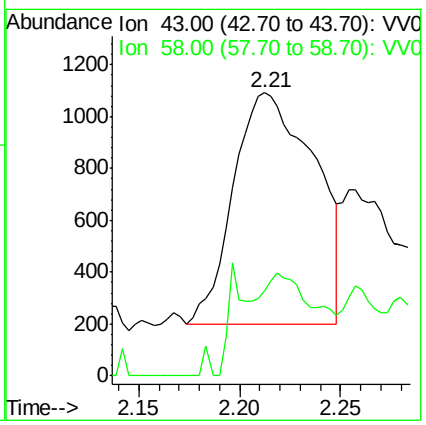


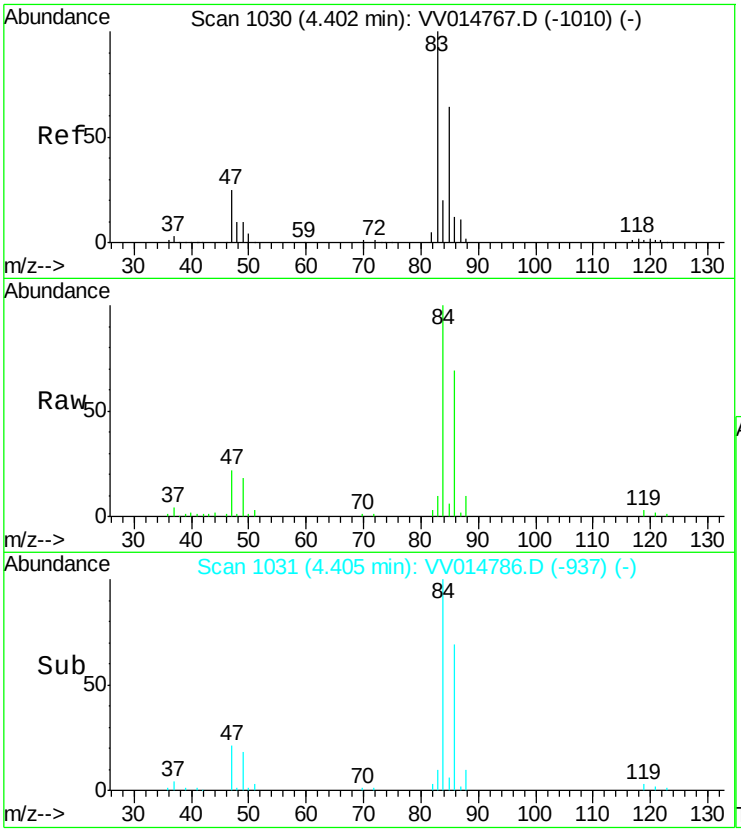


#13
Acetone
Concen: 1.41 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.00 min
Lab File: VV014786.D
Acq: 09 Mar 2020 19:01

Tgt Ion: 43 Resp: 2494

Ion	Ratio	Lower	Upper
43	100		
58	21.2	0.0	62.2



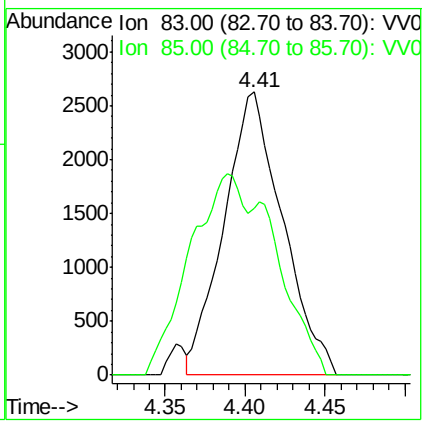


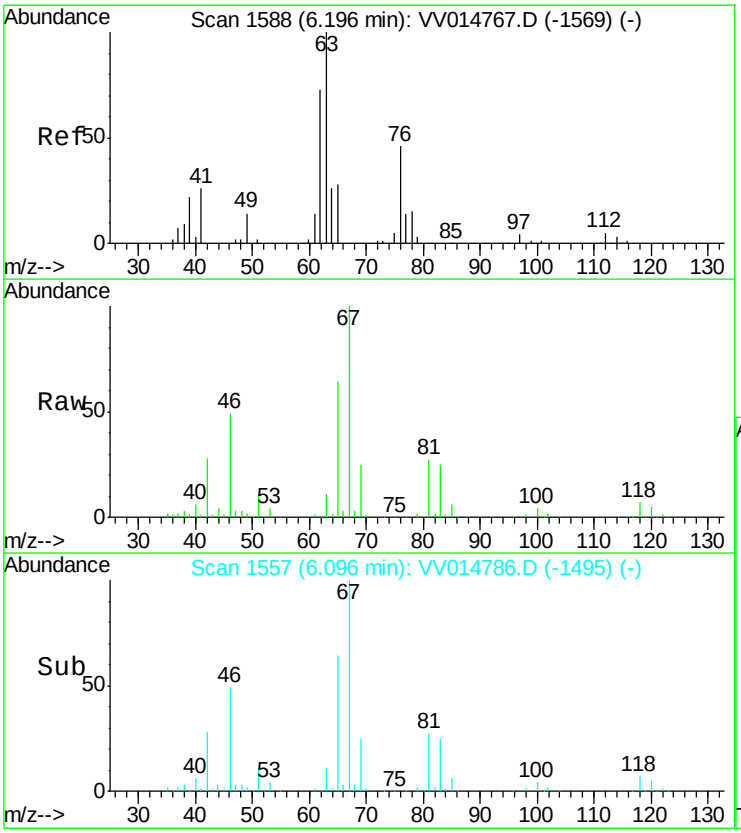
#25
Chloroform
Concen: 1.16 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV014786.D
Acq: 09 Mar 2020 19:01

Instrument : MSVOA_V
ClientSampleId : C0D82

Tgt Ion: 83 Resp: 6615

Ion	Ratio	Lower	Upper
83	100		
85	58.9	45.1	83.9

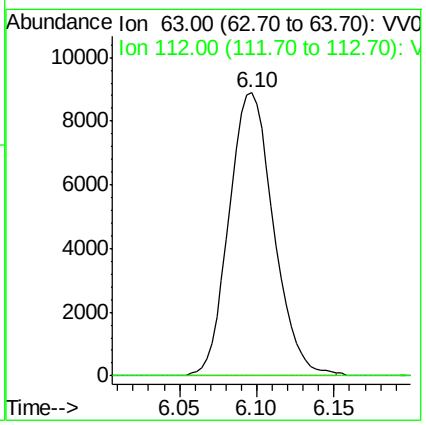


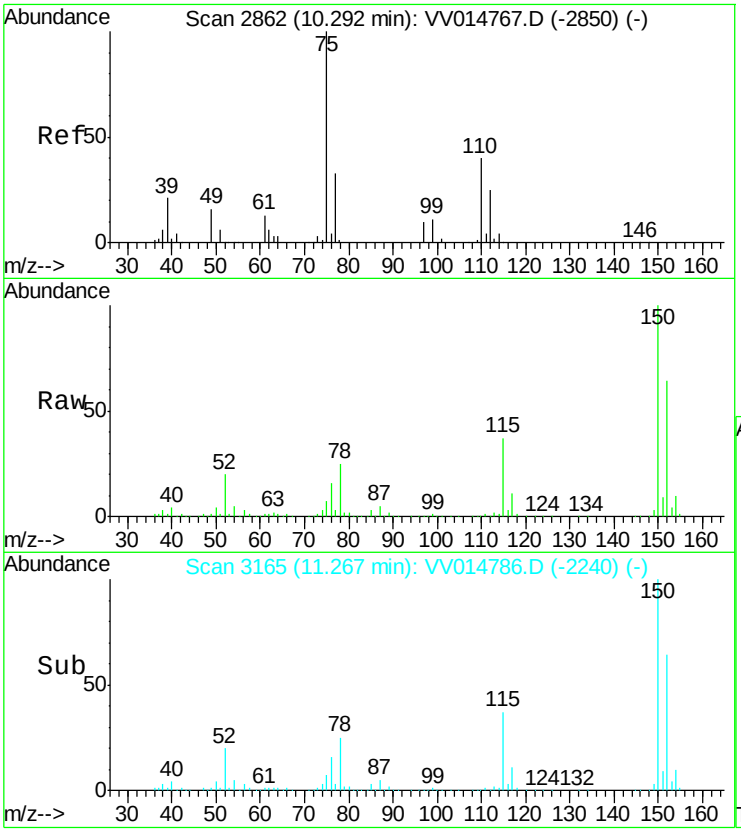


#37
1,2-Dichloropropane
Concen: 5.63 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV014786.D
Acq: 09 Mar 2020 19:01

Tgt Ion: 63 Resp: 17846

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



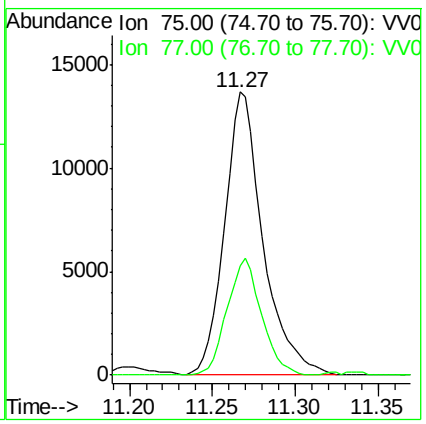


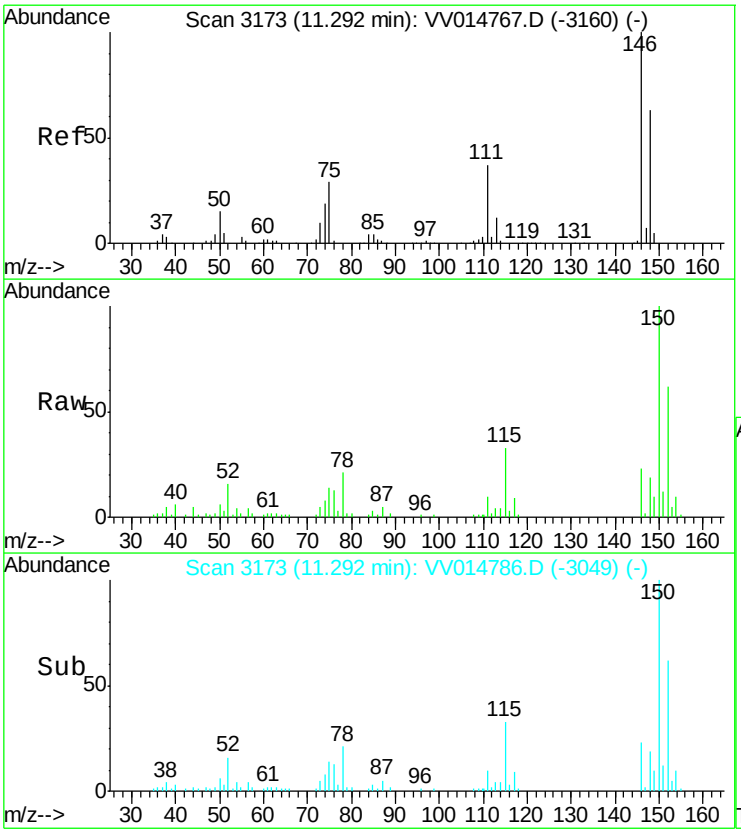
#59
1,2,3-Trichloropropane
Concen: 5.46 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV014786.D
Acq: 09 Mar 2020 19:01

Instrument :
MSVOA_V
ClientSampleId :
C0D82

Tgt Ion: 75 Resp: 22077

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.6	38.4

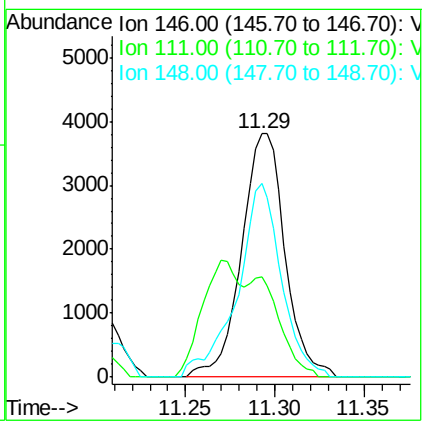


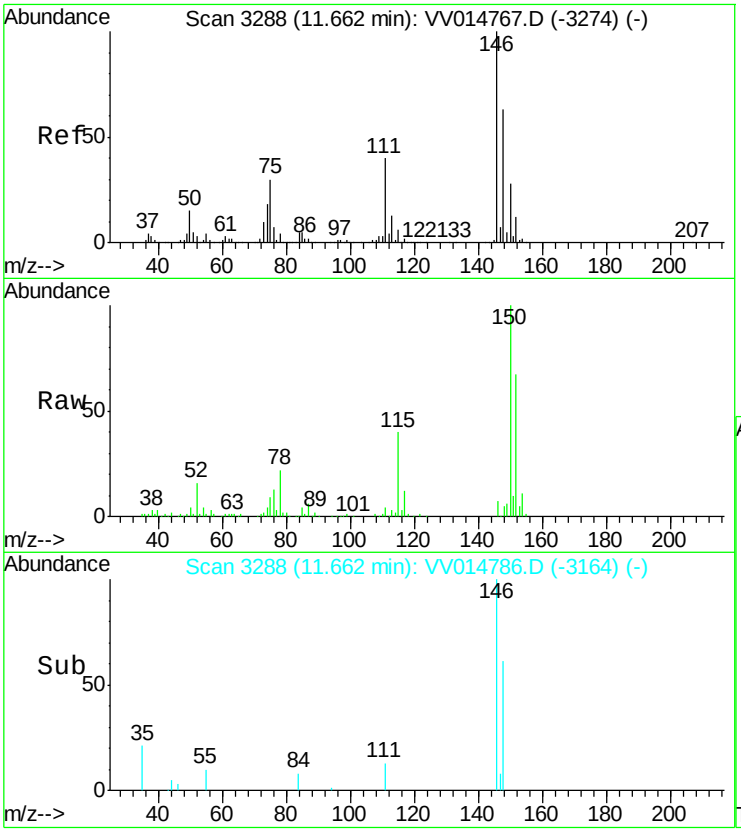


#63
1,4-Dichlorobenzene
Concen: 1.02 ug/L
RT: 11.29 min Scan# 3173
Delta R.T. 0.00 min
Lab File: VV014786.D
Acq: 09 Mar 2020 19:01

Tgt Ion:146 Resp: 6478

Ion	Ratio	Lower	Upper
146	100		
111	41.0	26.3	48.9
148	79.5	44.0	81.8





#65
1,2-Dichlorobenzene
Concen: 0.83 ug/L
RT: 11.66 min Scan# 3288
Delta R.T. 0.00 min
Lab File: VV014786.D
Acq: 09 Mar 2020 19:01

Instrument :
MSVOA_V
ClientSampleId :
C0D82

Tgt Ion:146 Resp: 5219

Ion	Ratio	Lower	Upper
146	100		
111	57.0	33.9	50.9#
148	69.8	51.4	77.0