Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021220\

Quantitation Report (Not Reviewed)

Data File : VV014576.D
Acq On : 12 Feb 2020 16:51
Operator : SY/MD
Sample : L1489-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFRE7

Quant Time: Feb 13 05:58:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 05:55:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	295966	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	276479	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136230	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	54110	47.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.22%			
7) Chloroethane-d5	1.58	69	38441	48.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.18%			
11) 1,1-Dichloroethene-d2	2.13	63	69695	36.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.50%			
21) 2-Butanone-d5	3.92	46	92138	97.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.76%			
24) Chloroform-d	4.40	84	163581	49.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.70%			
26) 1,2-Dichloroethane-d4	5.08	65	105111	51.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.24%			
32) Benzene-d6	5.10	84	334881	50.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.30%			
36) 1,2-Dichloropropane-d6	6.11	67	101261	50.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.70%			
41) Toluene-d8	7.36	98	314891	49.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.00%			
43) trans-1,3-Dichloropropene-	7.66	79	53253	48.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.98%			
47) 2-Hexanone-d5	8.13	63	71719	90.12	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 90.12%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	136188	50.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.78%			
64) 1,2-Dichlorobenzene-d4	11.67	152	120722	50.16	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.32%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	753	0.771	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	711	0.783	ug/L #	1
13) Acetone	2.18	43	2796	3.458	ug/L	95
34) Trichloroethene	5.96	95	1246	0.636	ug/L	94
35) Methylcyclohexane	6.11	83	26355	8.593	ug/L #	20
39) cis-1,3-Dichloropropene	7.02	75	3420	1.081	ug/L #	74
48) 2-Hexanone	8.13	43	8233	4.769	ug/L #	73
53) m,p-Xylene	9.18	106	5571	1.589	ug/L	82
54) o-xylene	9.59	106	1871	0.558	ug/L	89
59) 1,2,3-Trichloropropane	11.29	75	14768	6.402	ug/L #	84
61) Bromoform	9.77	173	1951	1.323	ug/L #	96

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

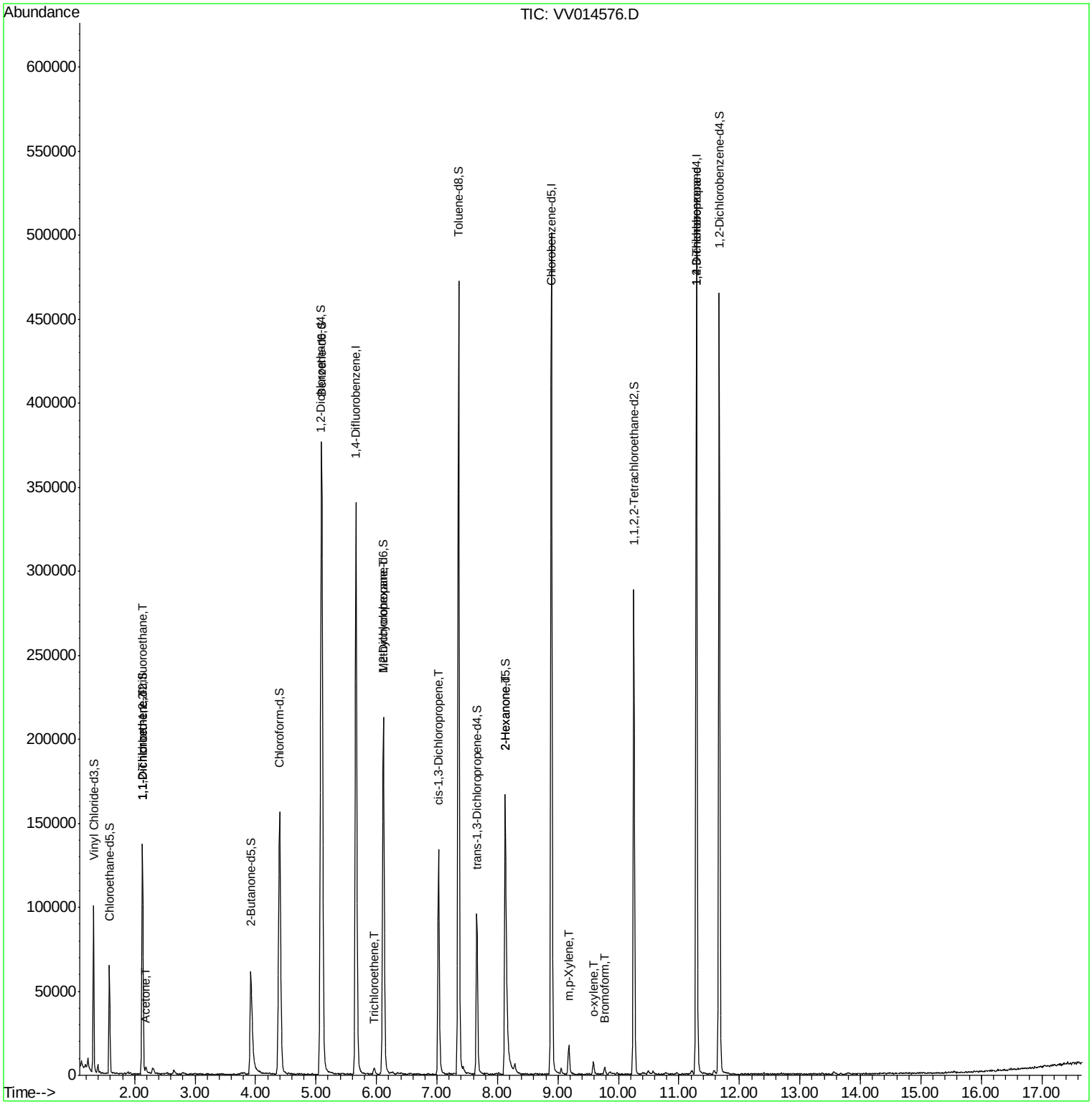
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV021220\

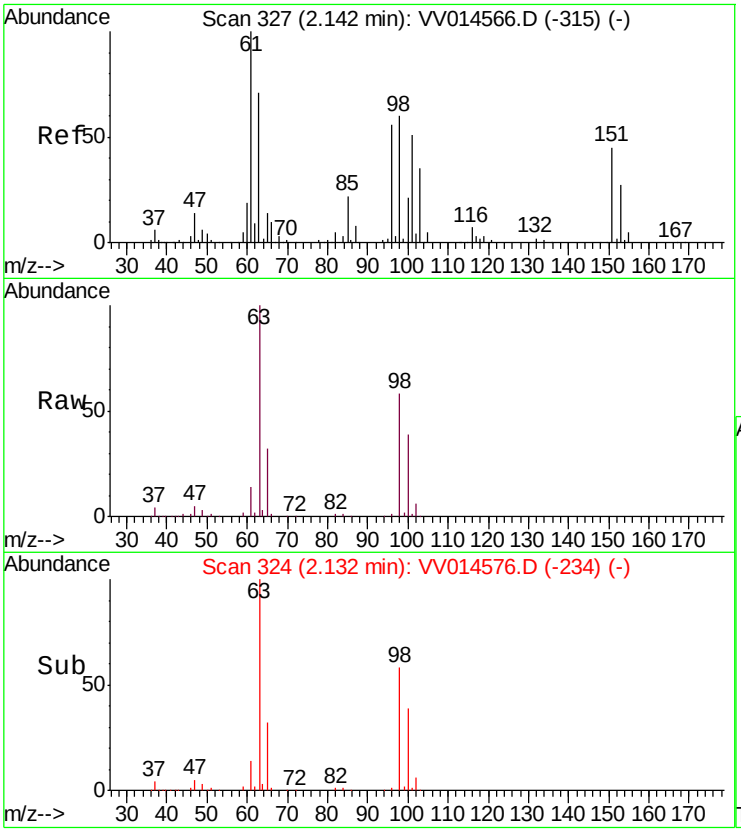
Quantitation Report (Not Reviewed)

Data File : VV014576.D
Acq On : 12 Feb 2020 16:51
Operator : SY/MD
Sample : L1489-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRE7

Quant Time: Feb 13 05:58:57 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 13 05:55:11 2020
Response via : Initial Calibration



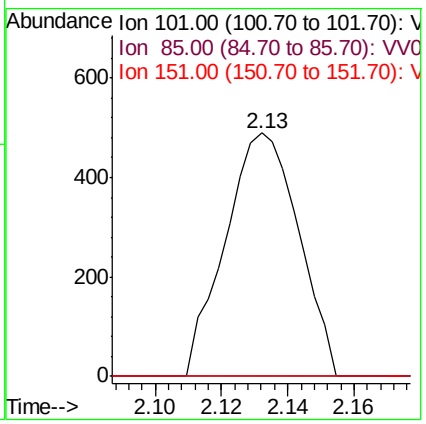


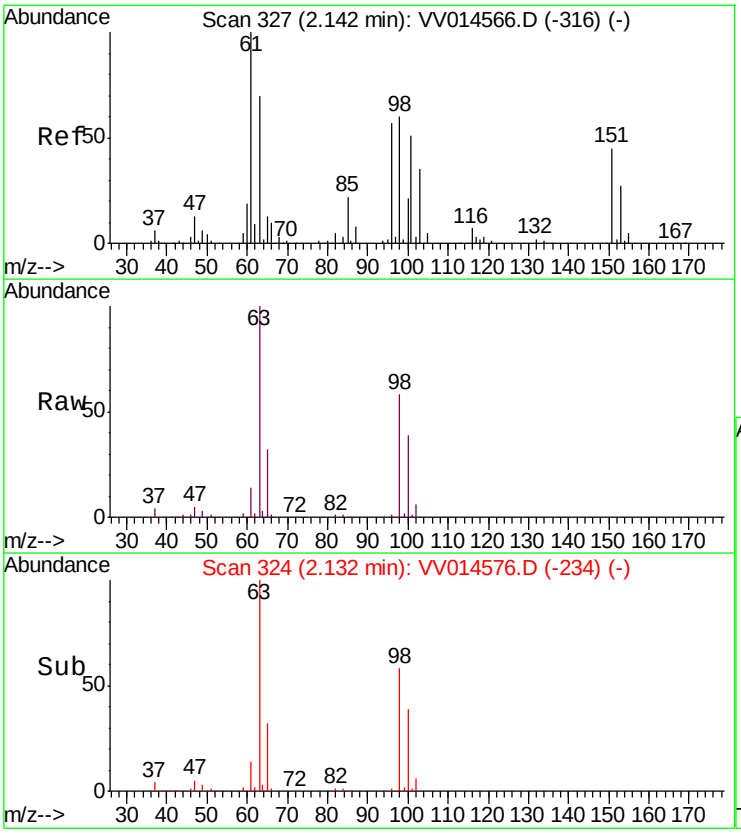
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.771 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Instrument :
MSVOA_V
ClientSampleId :
BFRE7

Tgt Ion:101 Resp: 753

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.4	53.0#
151	0.0	65.4	98.2#

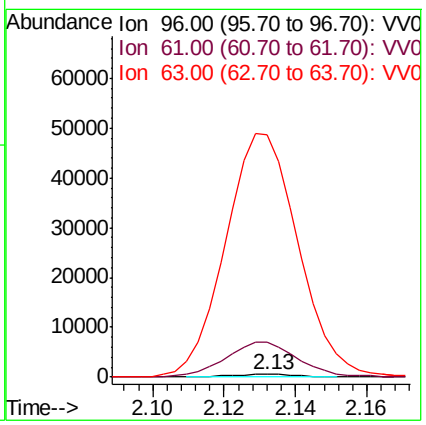


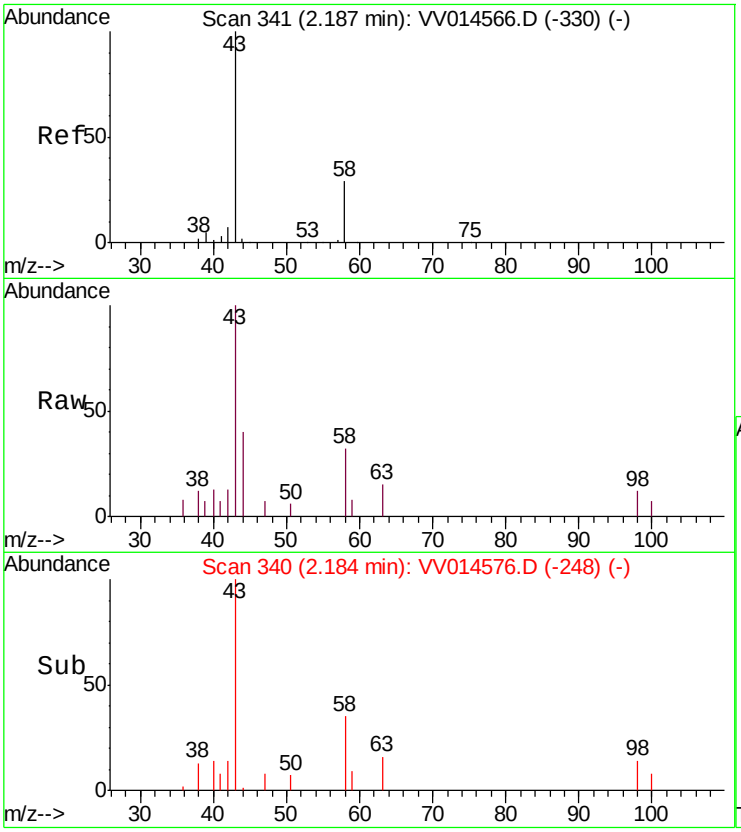


#12
1,1-Dichloroethene
Concen: 0.783 ug/L
RT: 2.13 min Scan# 324
Delta R.T. -0.01 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Tgt Ion: 96 Resp: 711

Ion	Ratio	Lower	Upper
96	100		
61	1229.1	124.2	230.6#
63	8629.8	89.2	165.8#



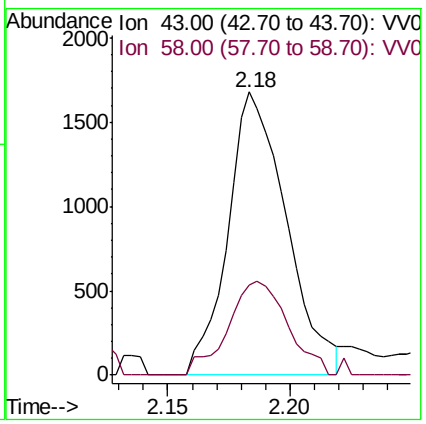


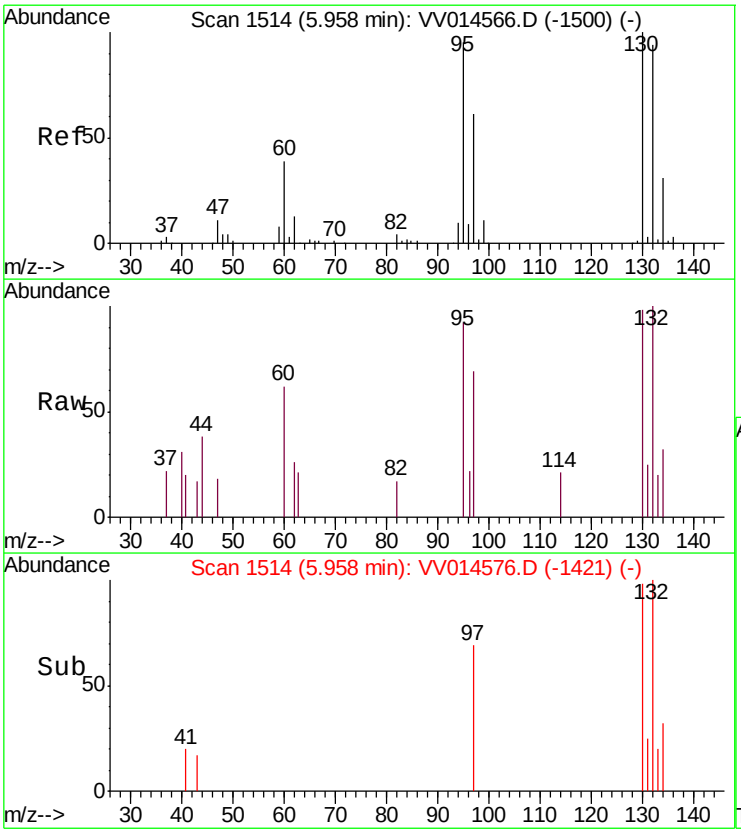
#13
Acetone
Concen: 3.458 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.00 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Instrument : MSVOA_V
ClientSampleId : BFRE7

Tgt Ion: 43 Resp: 2796

Ion	Ratio	Lower	Upper
43	100		
58	32.3	0.0	58.8

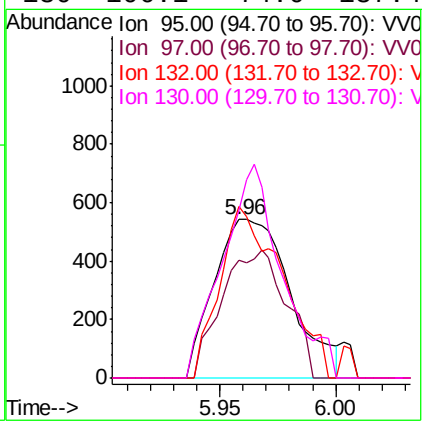


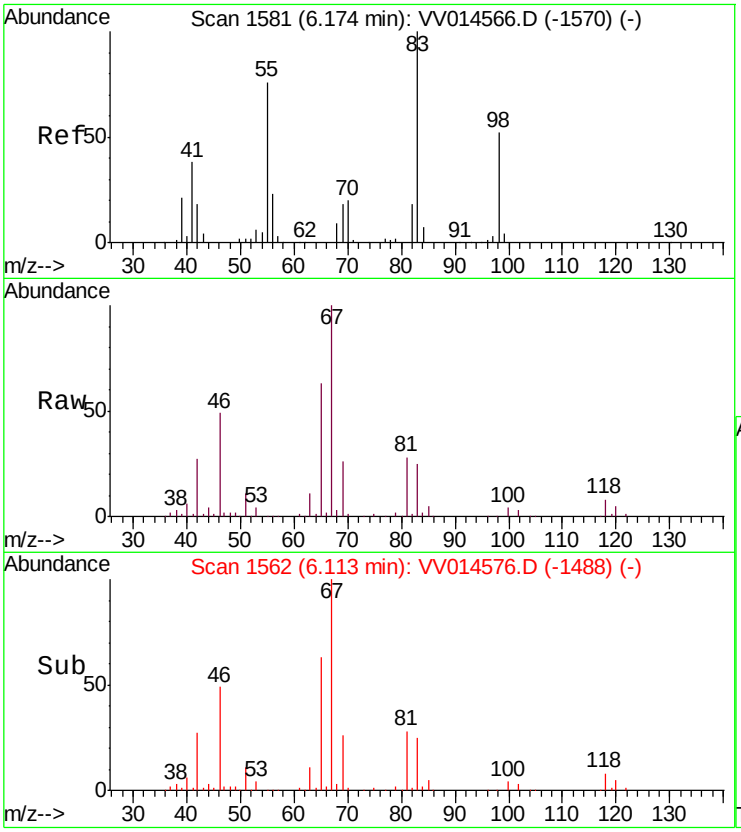


#34
Trichloroethene
Concen: 0.636 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Tgt Ion: 95 Resp: 1246

Ion	Ratio	Lower	Upper
95	100		
97	74.5	45.3	84.1
132	108.1	69.6	129.2
130	106.1	74.0	137.4



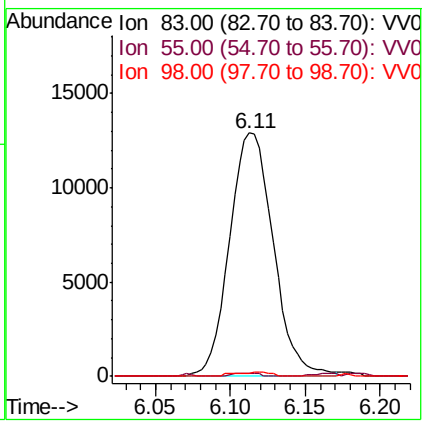


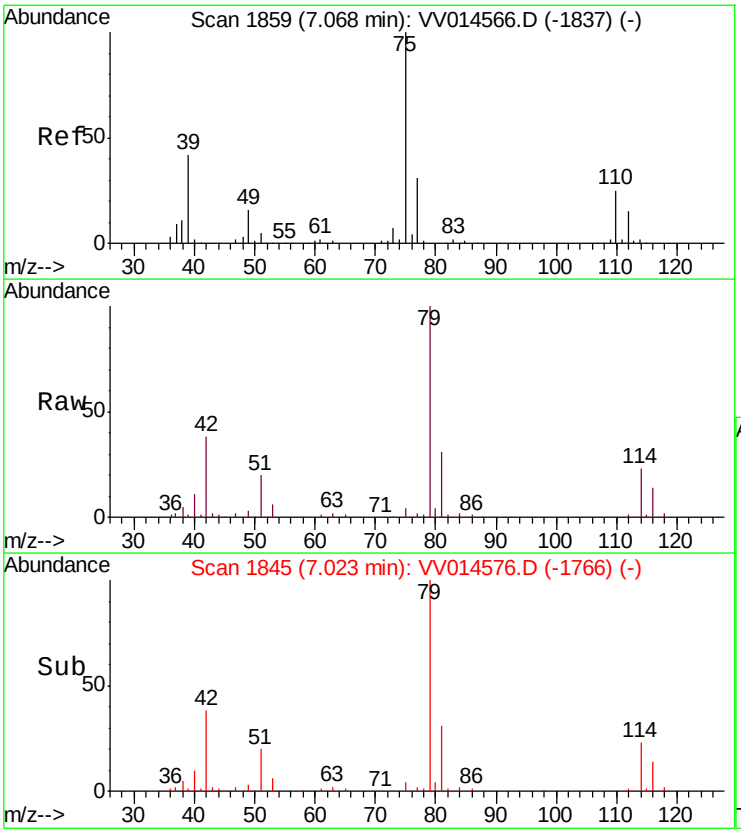
#35
Methylcyclohexane
Concen: 8.593 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Instrument :
MSVOA_V
ClientSampleId :
BFRE7

Tgt Ion: 83 Resp: 26355

Ion	Ratio	Lower	Upper
83	100		
55	0.5	57.8	86.6#
98	0.9	39.7	59.5#

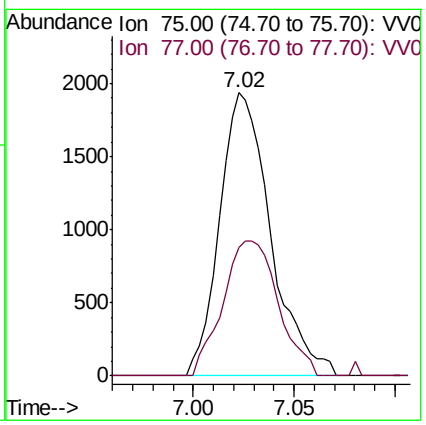


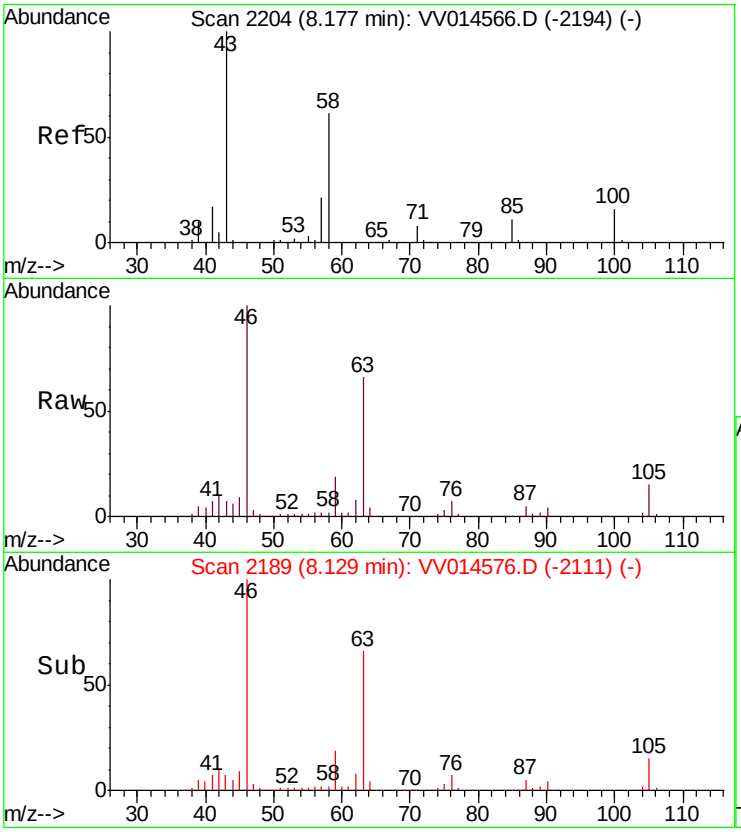


#39
cis-1,3-Dichloropropene
Concen: 1.081 ug/L
RT: 7.02 min Scan# 1845
Delta R.T. -0.05 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Tgt Ion: 75 Resp: 3420

Ion	Ratio	Lower	Upper
75	100		
77	45.4	21.7	40.3#



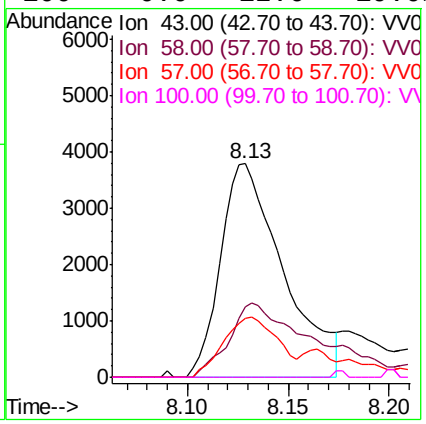


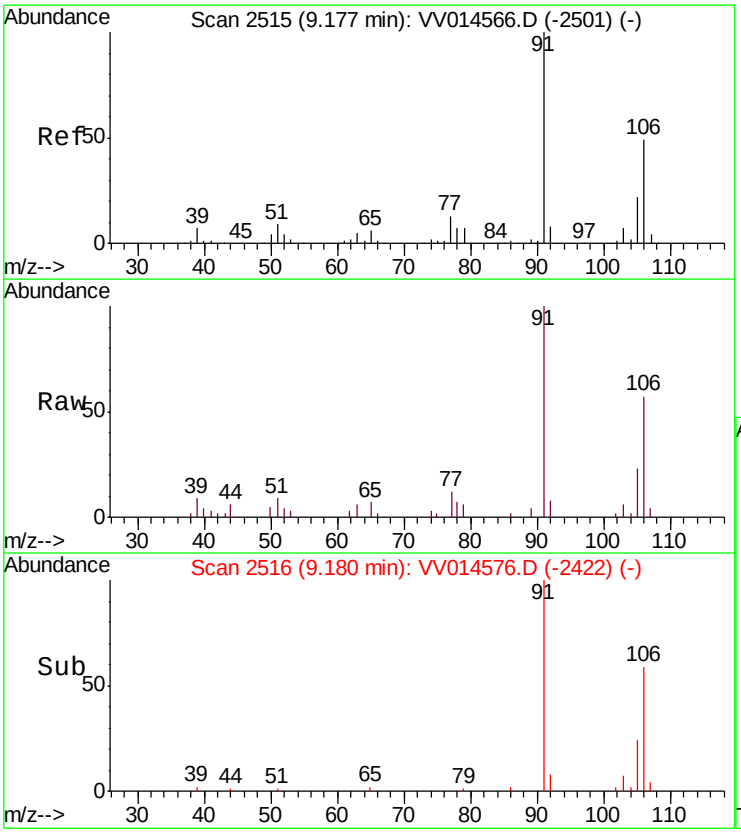
#48
2-Hexanone
Concen: 4.769 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Instrument : MSVOA_V
ClientSampleId : BFRE7

Tgt Ion: 43 Resp: 8233

Ion	Ratio	Lower	Upper
43	100		
58	38.2	50.4	75.6#
57	24.5	17.8	26.6
100	0.0	12.6	19.0#

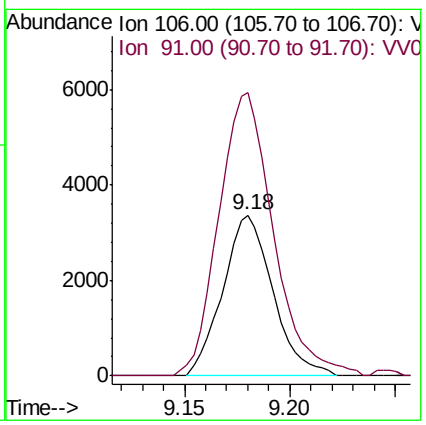


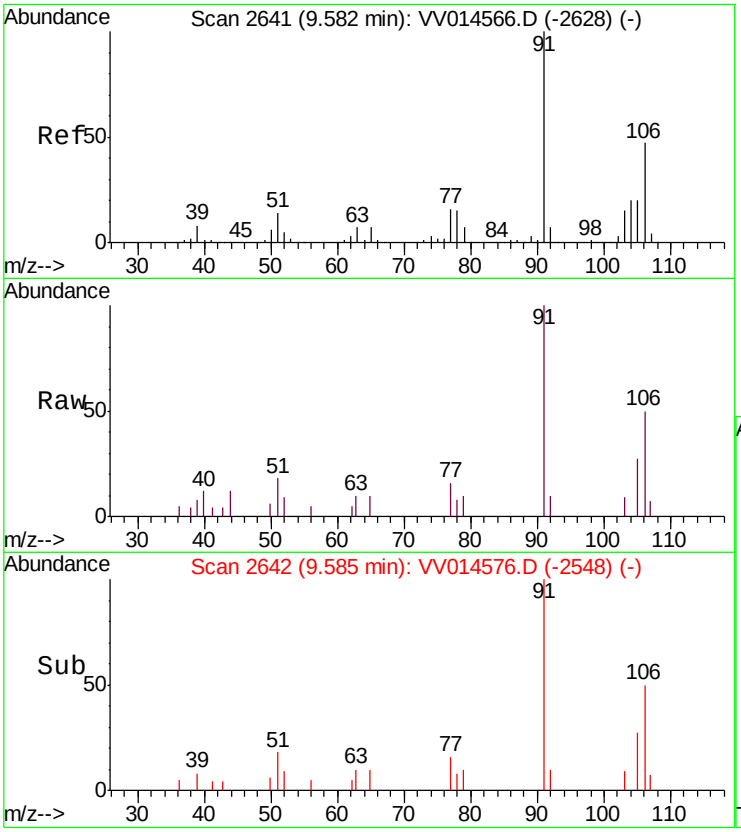


#53
m,p-Xylene
Concen: 1.589 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Tgt Ion:106 Resp: 5571

Ion	Ratio	Lower	Upper
106	100		
91	176.0	142.4	264.4



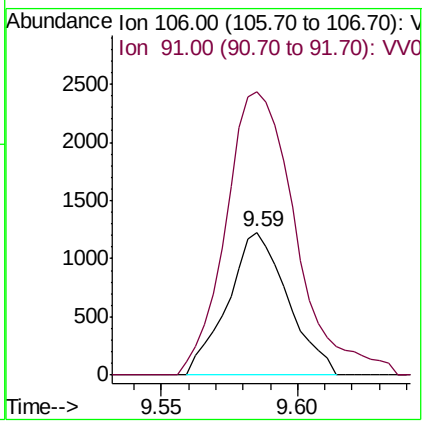


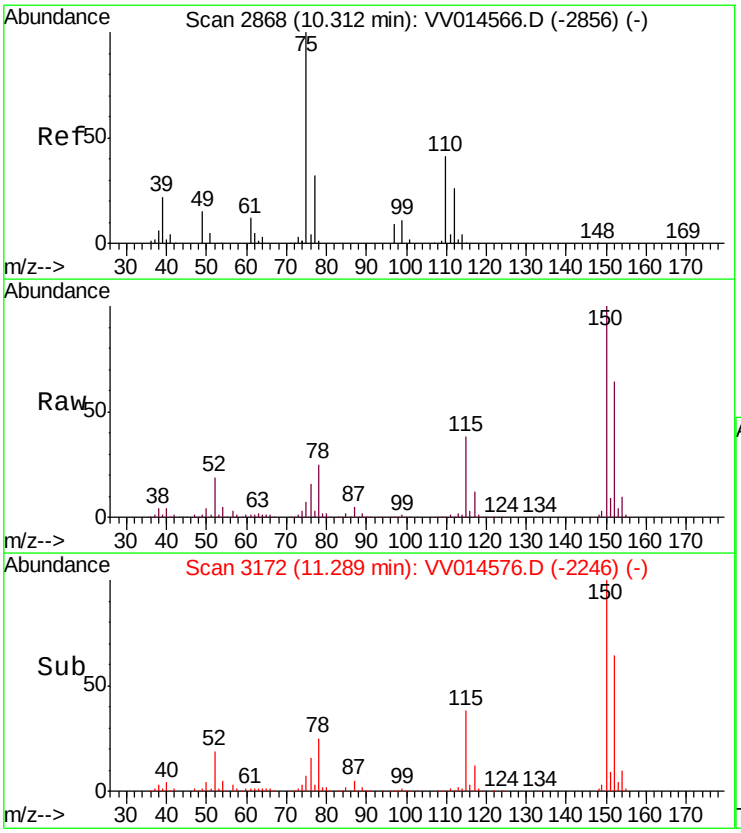
#54
o-xylene
Concen: 0.558 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Instrument :
MSVOA_V
ClientSampleId :
BFRE7

Tgt Ion:106 Resp: 1871

Ion	Ratio	Lower	Upper
106	100		
91	198.2	150.5	279.5

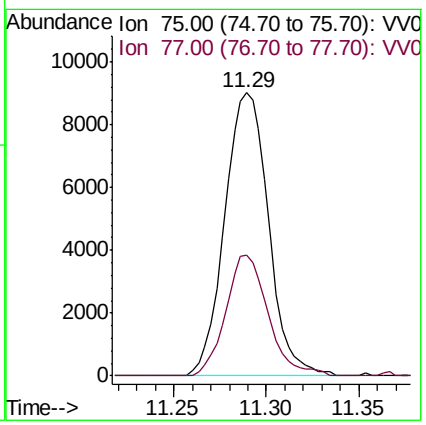


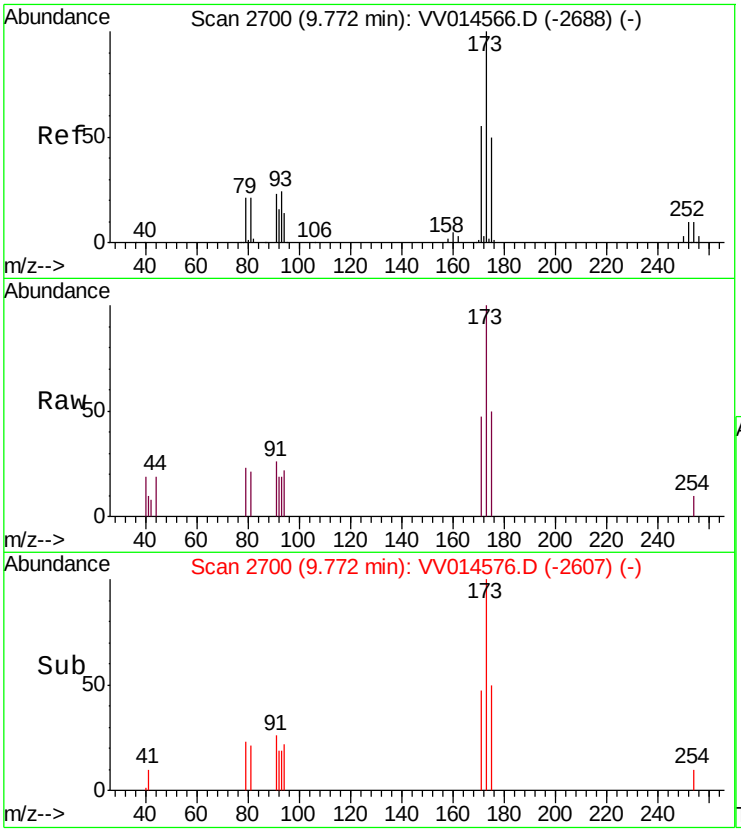


#59
1,2,3-Trichloropropane
Concen: 6.402 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Tgt Ion: 75 Resp: 14768

Ion	Ratio	Lower	Upper
75	100		
77	41.2	25.9	38.9#





#61
Bromoform
Concen: 1.323 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VV014576.D
Acq: 12 Feb 2020 16:51

Instrument :
MSVOA_V
ClientSampleId :
BFRE7

Tgt Ion:173 Resp: 1951

Ion	Ratio	Lower	Upper
173	100		
175	51.2	39.3	58.9
254	5.0	7.1	10.7#