Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091420\
Data File : VV018206.D
Acq On : 14 Sep 2020 16:12
Operator : SY/MD
Sample : L4012-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFWR4

Quant Time: Sep 15 05:29:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 15 05:21:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	293017	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289008	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140625	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	91927	38.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.00%			
7) Chloroethane-d5	1.58	69	84063	43.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.04%			
11) 1,1-Dichloroethene-d2	2.13	63	141850	32.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.76%			
21) 2-Butanone-d5	3.91	46	143081	97.89	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 97.89%			
24) Chloroform-d	4.38	84	196211	47.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.72%			
26) 1,2-Dichloroethane-d4	5.06	65	130440	49.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.22%			
32) Benzene-d6	5.08	84	388222	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.84%			
36) 1,2-Dichloropropane-d6	6.09	67	126725	48.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.42%			
41) Toluene-d8	7.34	98	343315	45.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.06%			
43) trans-1,3-Dichloropropene-	7.64	79	62447	46.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.50%			
47) 2-Hexanone-d5	8.11	63	110913	111.38	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.38%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172754	52.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 104.72%			
64) 1,2-Dichlorobenzene-d4	11.65	152	147998	51.25	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.50%			
Target Compounds						Qvalue
3) Chloromethane	1.31	50	2484	1.065	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1325	0.670	ug/L #	19
27) 1,2-Dichloroethane	5.08	62	2192	0.743	ug/L #	74
35) Methylcyclohexane	6.10	83	30335	8.951	ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3494	1.036	ug/L #	71
48) 2-Hexanone	8.11	43	11885	5.675	ug/L #	66
59) 1,2,3-Trichloropropane	11.27	75	16022	6.221	ug/L	91

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

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Instrument : MSVOA_V
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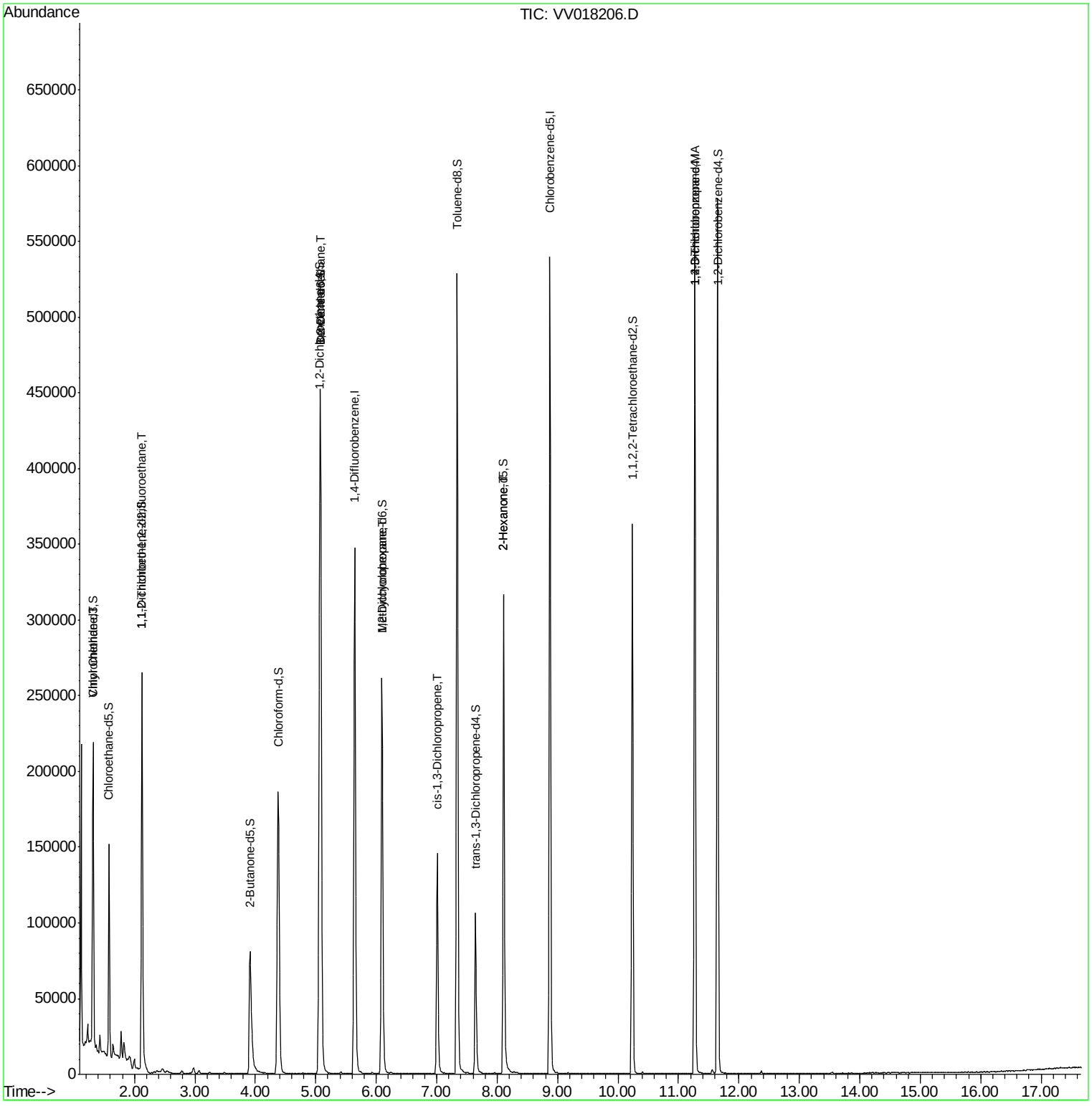
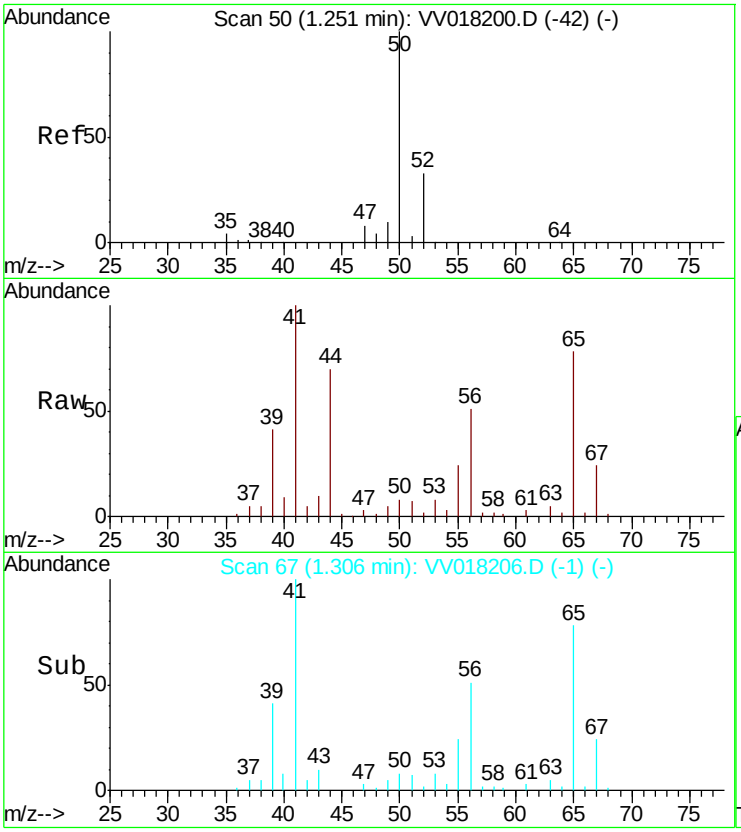
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 15 05:21:42 2020
Response via : Initial Calibration



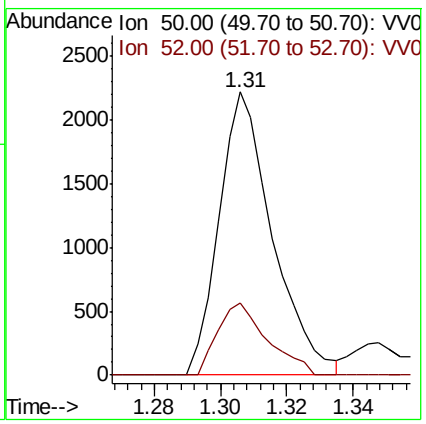


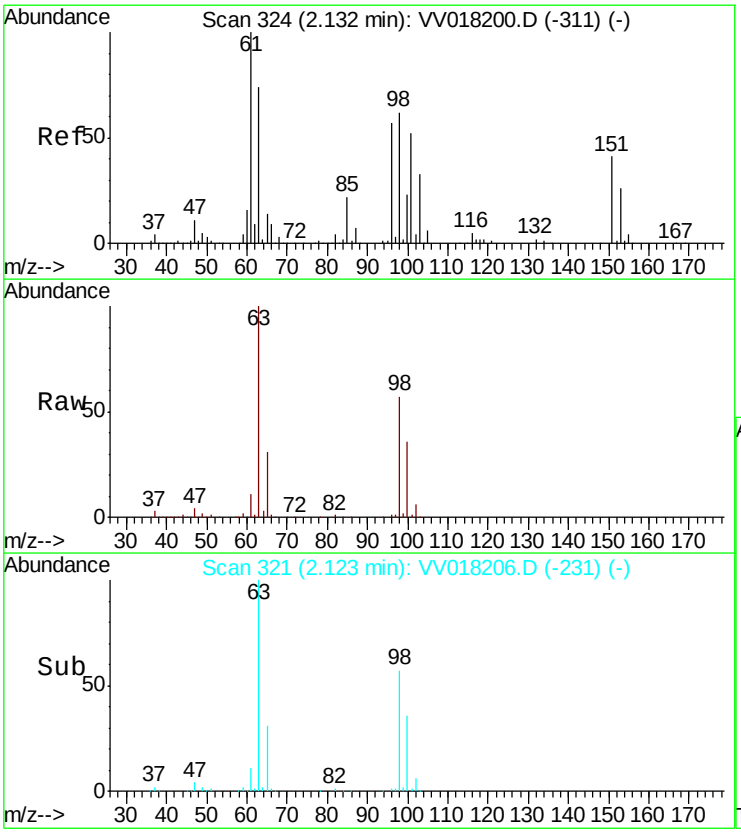
#3
Chloromethane
Concen: 1.065 ug/L
RT: 1.31 min Scan# 67
Delta R.T. 0.05 min
Lab File: VV018206.D
Acq: 14 Sep 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFWR4

Tgt Ion: 50 Resp: 2484

Ion	Ratio	Lower	Upper
50	100		
52	25.4	22.7	42.3

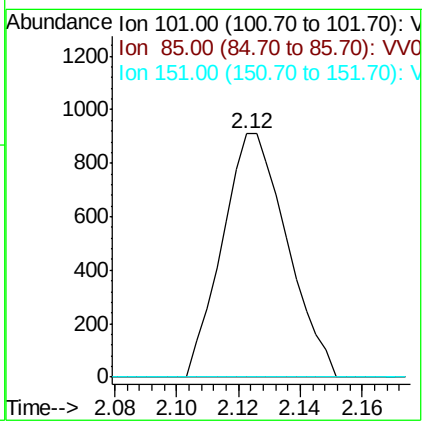


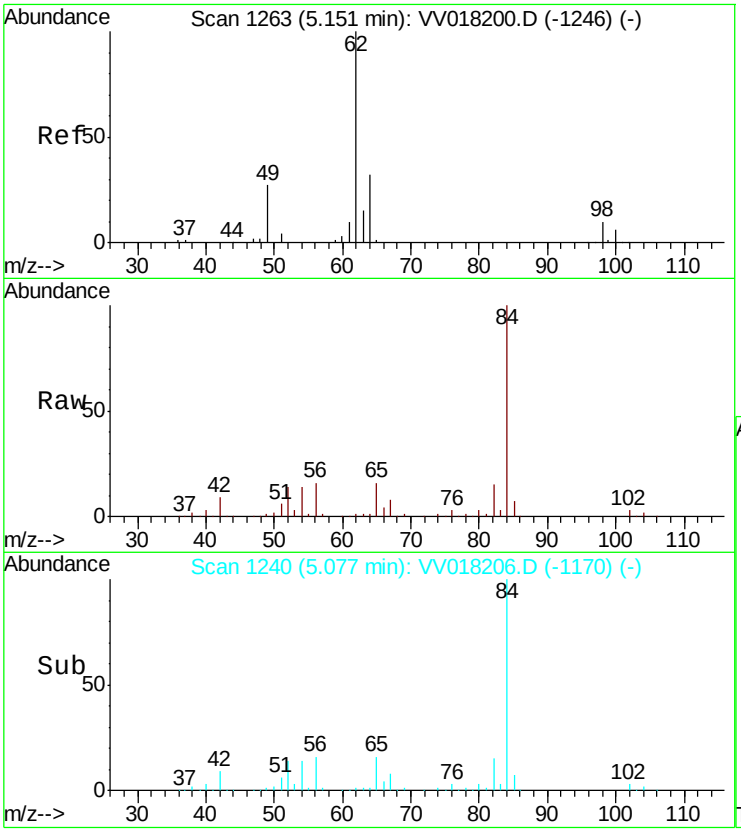


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.670 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV018206.D
Acq: 14 Sep 2020 16:12

Tgt Ion:101 Resp: 1325

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.5	50.3#
151	0.0	62.2	93.2#



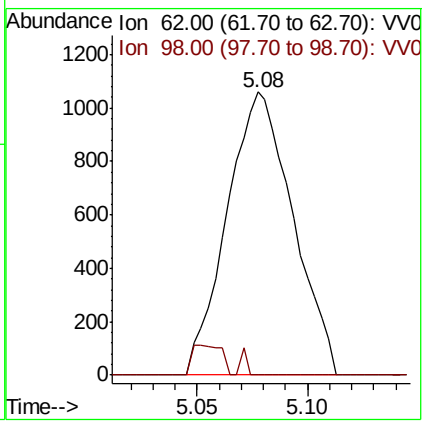


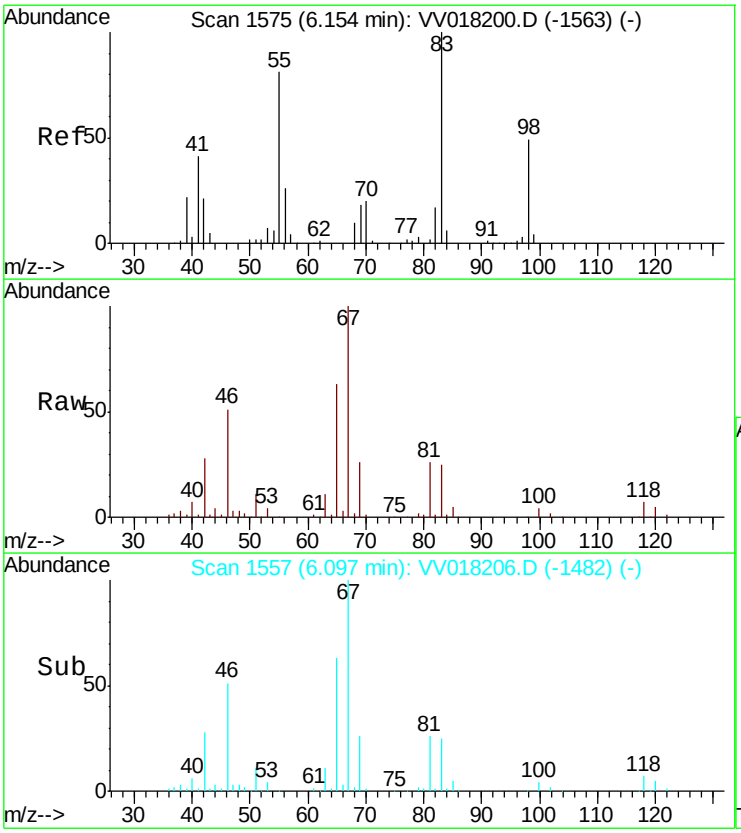
#27
1,2-Dichloroethane
Concen: 0.743 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.07 min
Lab File: VV018206.D
Acq: 14 Sep 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFWR4

Tgt Ion: 62 Resp: 2192

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.6	11.4#

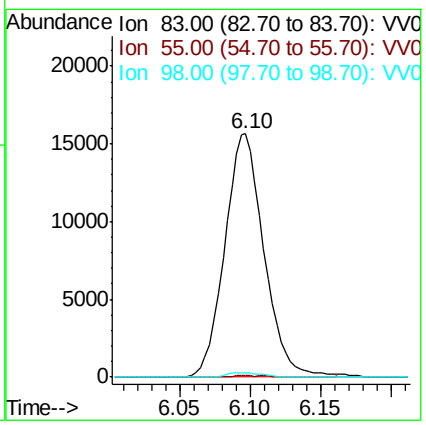


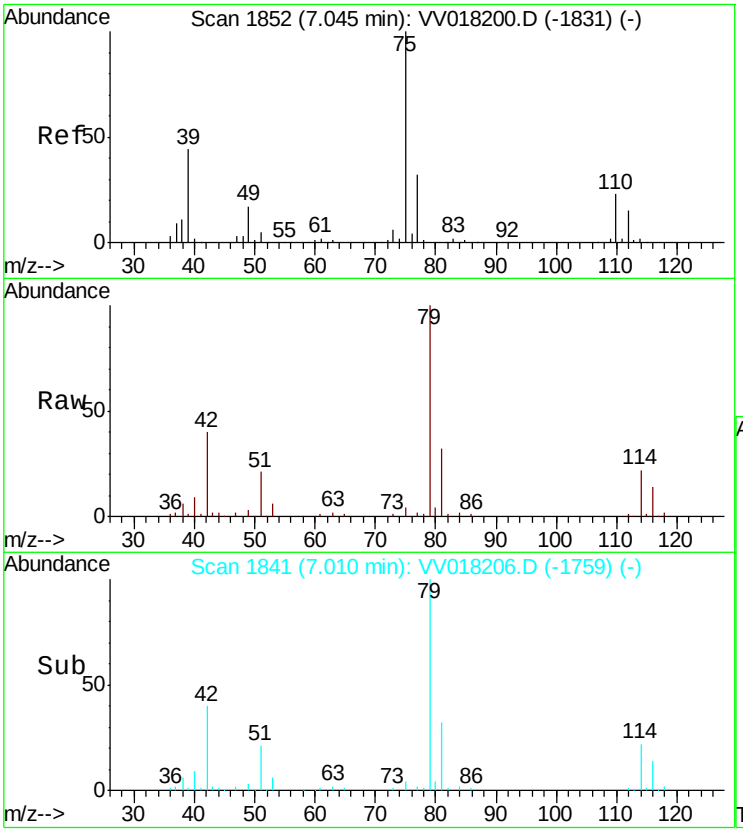


#35
Methylcyclohexane
Concen: 8.951 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV018206.D
Acq: 14 Sep 2020 16:12

Tgt Ion: 83 Resp: 30335

Ion	Ratio	Lower	Upper
83	100		
55	0.3	63.4	95.2#
98	1.5	38.8	58.2#



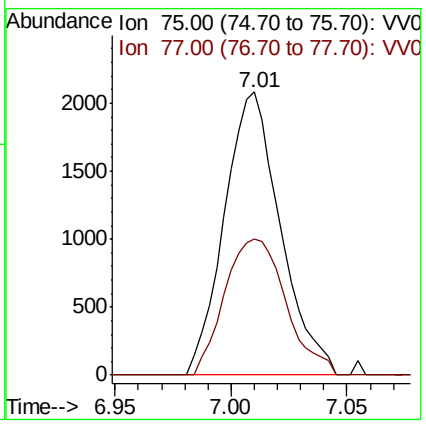


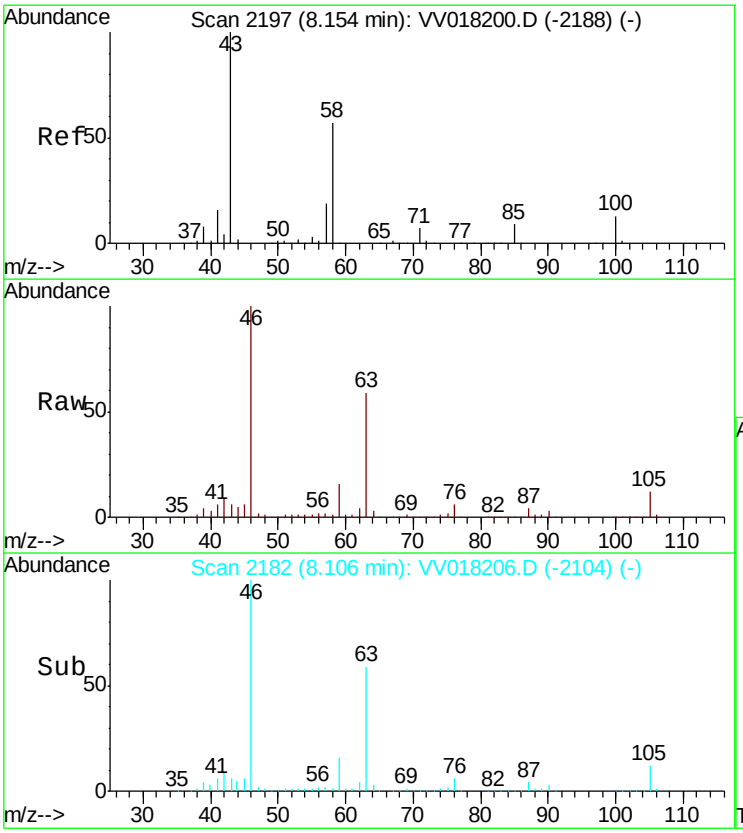
#39
cis-1,3-Dichloropropene
Concen: 1.036 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018206.D
Acq: 14 Sep 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFWR4

Tgt Ion: 75 Resp: 3494

Ion	Ratio	Lower	Upper
75	100		
77	48.1	22.3	41.3#

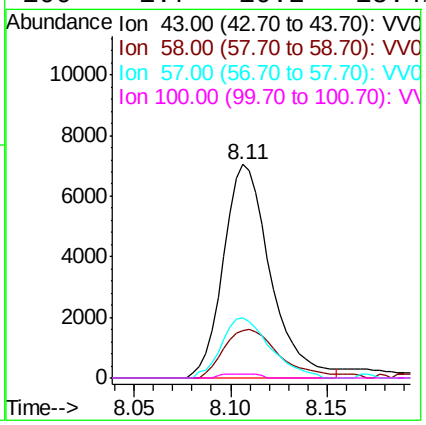


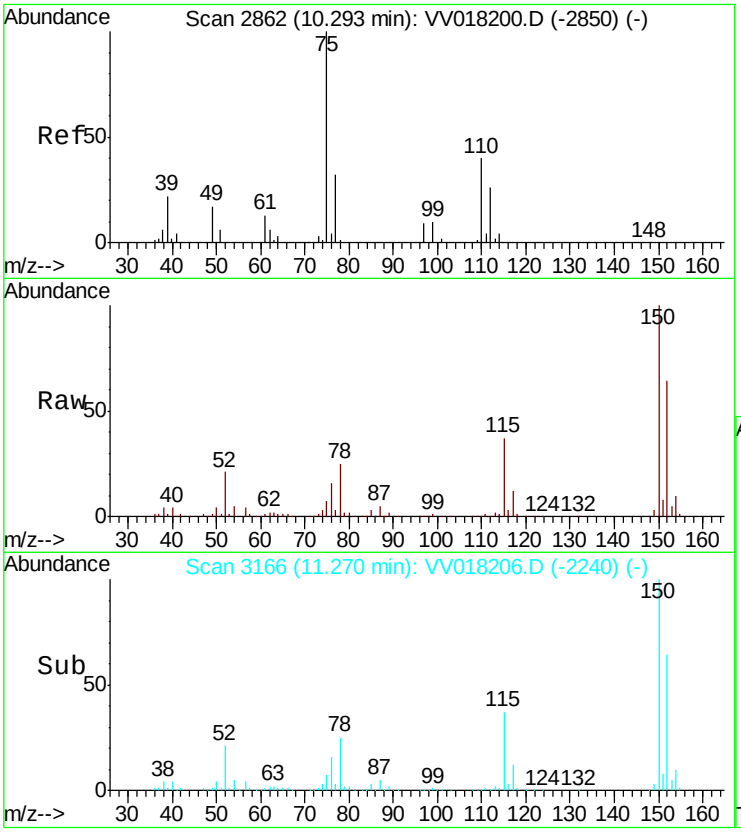


#48
2-Hexanone
Concen: 5.675 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV018206.D
Acq: 14 Sep 2020 16:12

Tgt Ion: 43 Resp: 11885

Ion	Ratio	Lower	Upper
43	100		
58	26.8	44.8	67.2#
57	29.2	15.8	23.6#
100	1.7	10.2	15.4#





#59
1,2,3-Trichloropropane
Concen: 6.221 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018206.D
Acq: 14 Sep 2020 16:12

Instrument :
MSVOA_V
ClientSampleId :
BFWR4

Tgt Ion: 75 Resp: 16022

Ion	Ratio	Lower	Upper
75	100		
77	37.5	25.8	38.6