Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010320\
Data File : VV014259.D
Acq On : 03 Jan 2020 16:40
Operator : SY/MD
Sample : L1022-05MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0BR3MSD

Quant Time: Jan 03 23:26:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 03 22:46:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	862251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	772682	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	363422	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	298373	4.95	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 99.00%			
7) Chloroethane-d5	1.59	69	228364	4.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 98.00%			
11) 1,1-Dichloroethene-d2	2.14	63	452254	5.08	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 101.60%			
20) 2-Butanone-d5	3.92	46	666209	45.97	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 91.94%			
24) Chloroform-d	4.40	84	418675	3.59	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 71.80%			
26) 1,2-Dichloroethane-d4	5.08	65	274842	4.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.00%			
32) Benzene-d6	5.10	84	1122282	4.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.40%			
36) 1,2-Dichloropropane-d6	6.12	67	352172	4.93	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.60%			
41) Toluene-d8	7.36	98	1018538	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.60%			
43) trans-1,3-Dichloropropene-	7.66	79	147867	4.68	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 93.60%			
46) 2-Hexanone-d5	8.13	63	633494	47.31	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.62%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	237928	4.76	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.20%			
64) 1,2-Dichlorobenzene-d4	11.67	152	325800	4.78	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	201962	5.243	ug/L	97
25) Chloroform	4.43	83	123931	1.141	ug/L	97
33) Benzene	5.15	78	1178741	4.953	ug/L	100
34) Trichloroethene	5.96	95	293040	4.792	ug/L	98
42) Toluene	7.43	91	1245552	4.958	ug/L	99
51) Chlorobenzene	8.92	112	757067	4.901	ug/L	97

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

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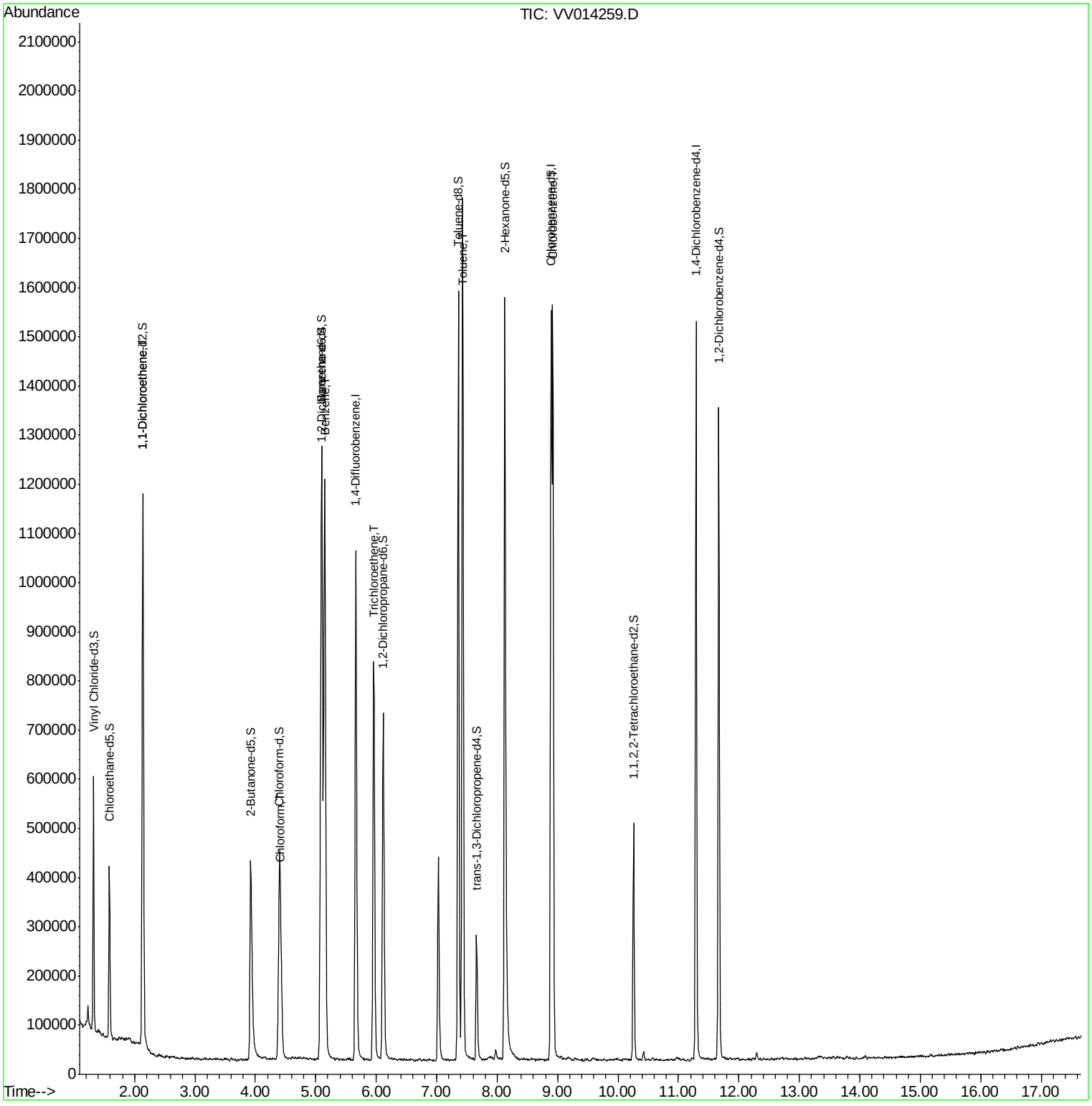
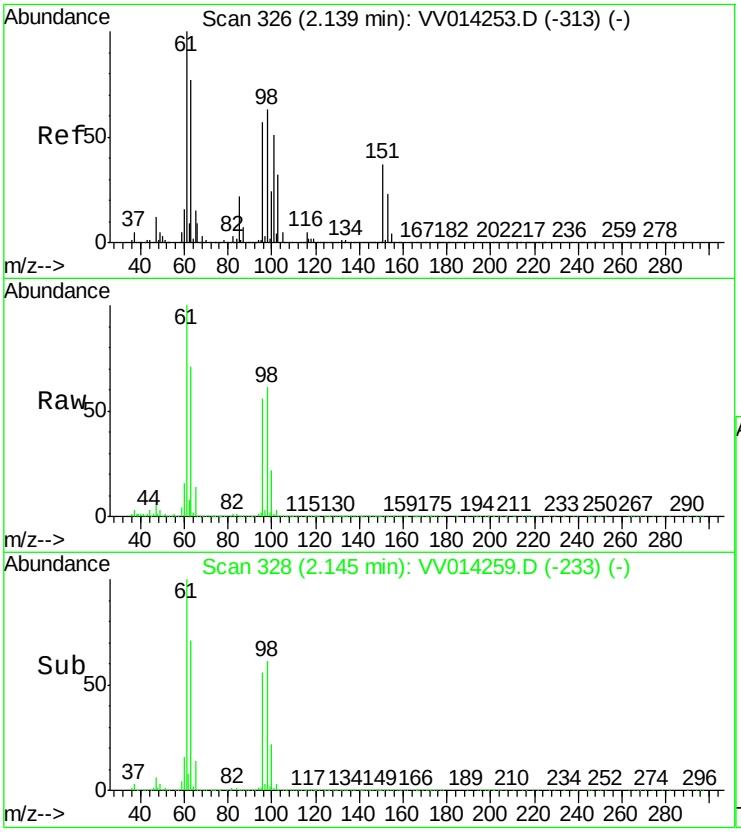


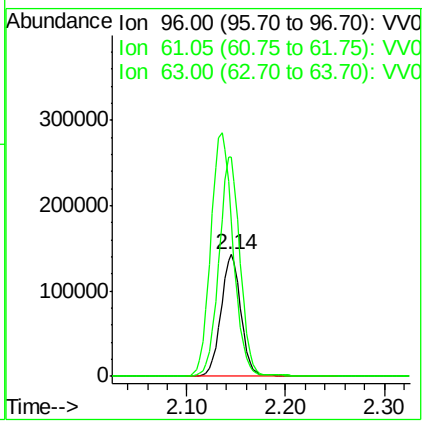


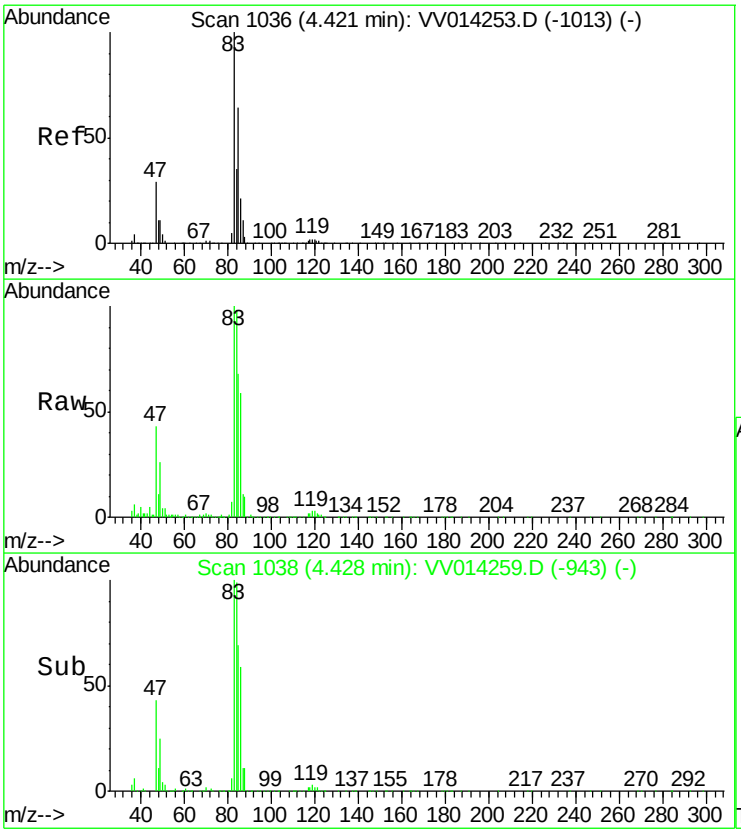
#12
1,1-Dichloroethene
Concen: 5.243 ug/L
RT: 2.14 min Scan# 328
Delta R.T. 0.01 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Instrument : MSVOA_V
ClientSampleId : H0BR3MSD

Tgt Ion: 96 Resp: 201962

Ion	Ratio	Lower	Upper
96	100		
61	179.9	121.5	225.7
63	127.9	90.3	167.7

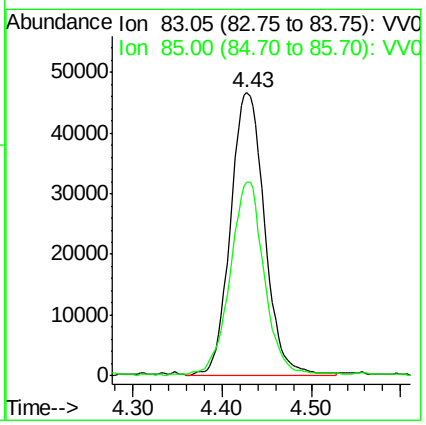


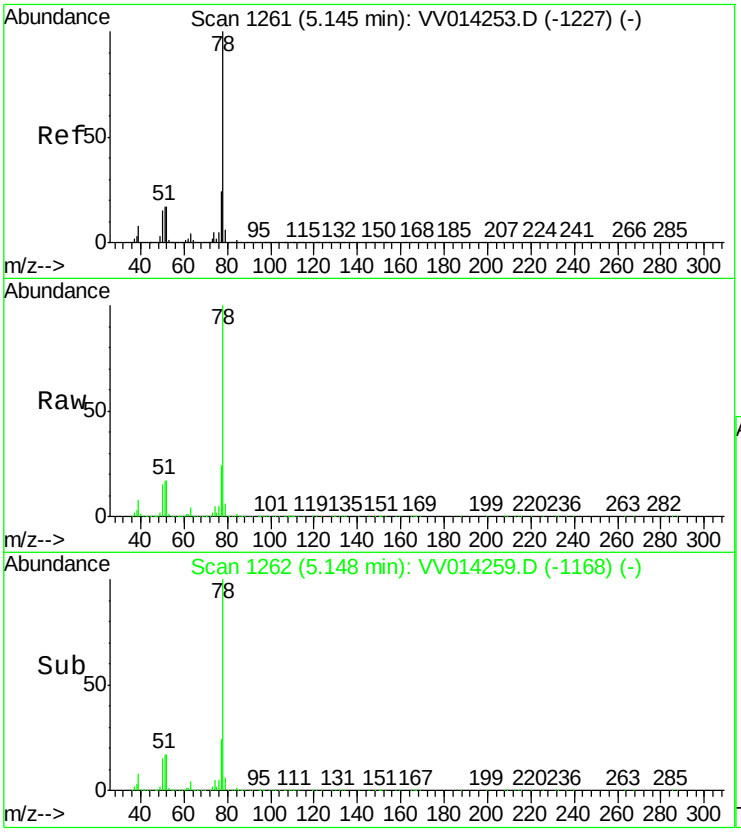


#25
Chloroform
Concen: 1.141 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Tgt Ion: 83 Resp: 123931

Ion	Ratio	Lower	Upper
83	100		
85	68.3	46.2	85.8

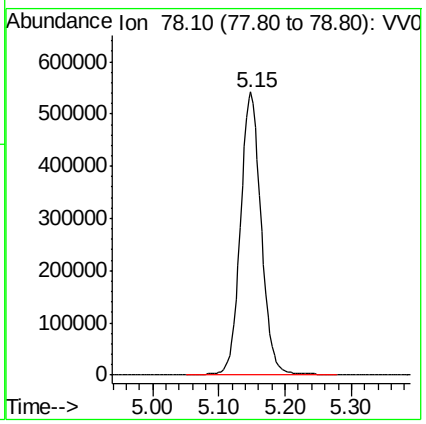


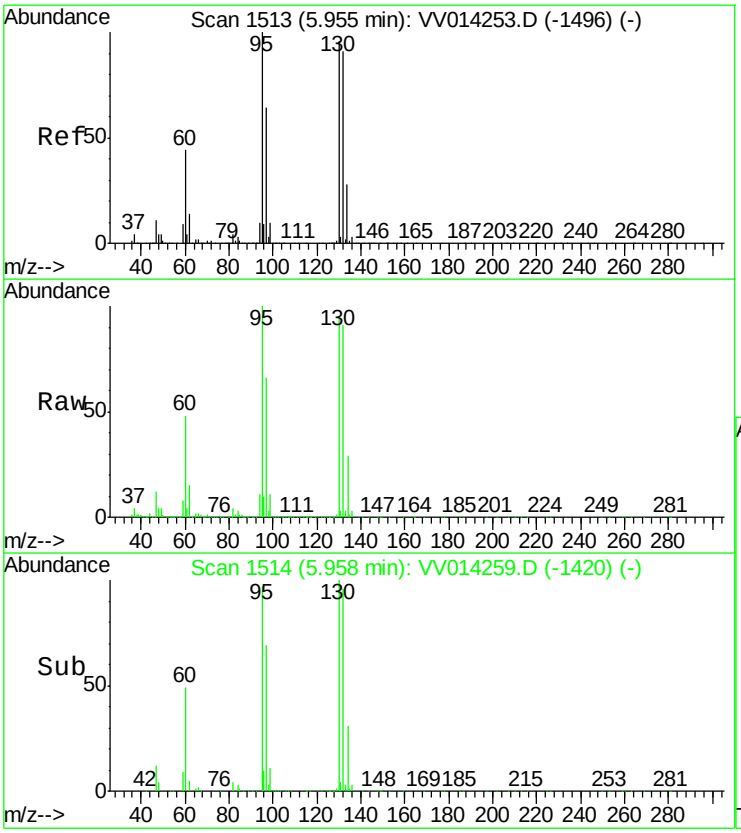


#33
Benzene
Concen: 4.953 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Instrument :
MSVOA_V
ClientSampleId :
H0BR3MSD

Tgt Ion: 78 Resp: 1178741

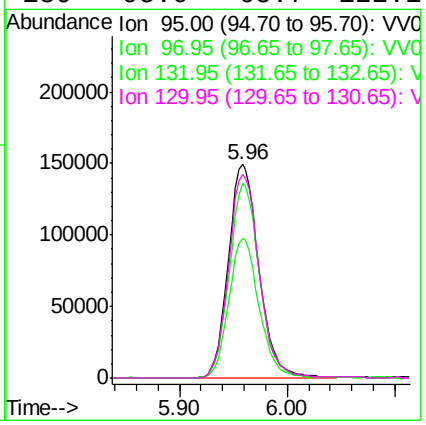


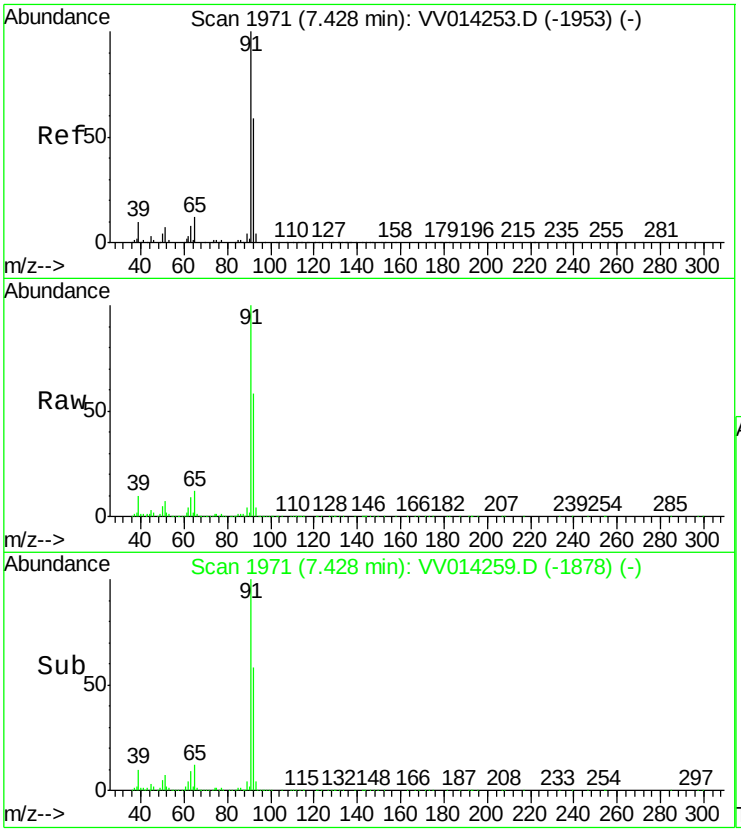


#34
Trichloroethene
Concen: 4.792 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Tgt Ion: 95 Resp: 293040

Ion	Ratio	Lower	Upper
95	100		
97	65.6	43.8	81.3
132	91.0	63.4	117.8
130	95.0	65.7	122.1



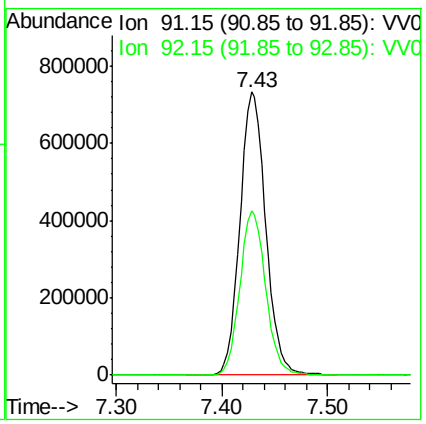


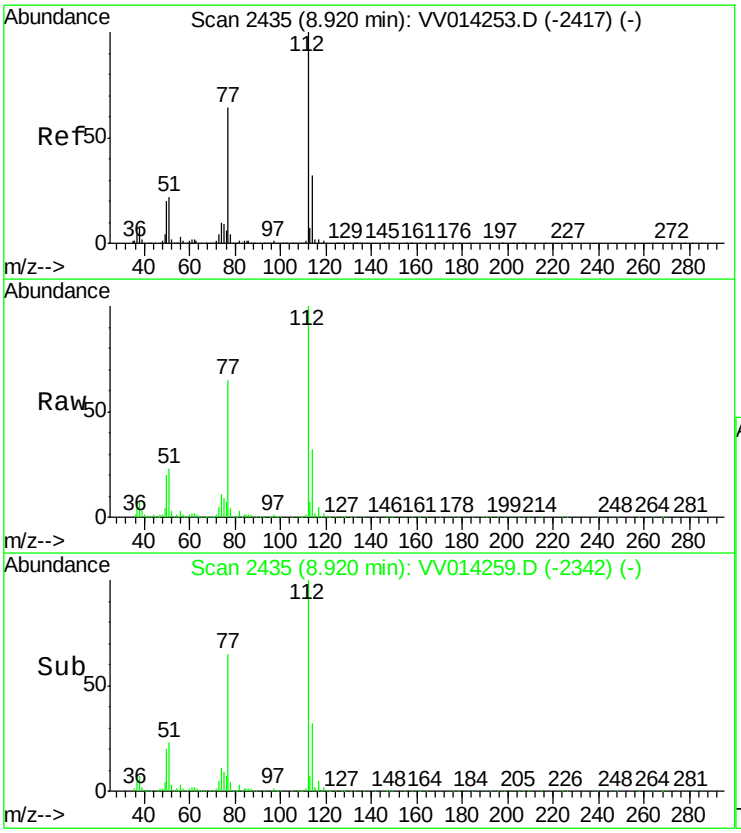
#42
Toluene
Concen: 4.958 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Instrument :
MSVOA_V
ClientSampleId :
H0BR3MSD

Tgt Ion: 91 Resp: 1245552

Ion	Ratio	Lower	Upper
91	100		
92	58.0	41.2	76.6





#51
Chlorobenzene
Concen: 4.901 ug/L
RT: 8.92 min Scan# 2435
Delta R.T. -0.00 min
Lab File: VV014259.D
Acq: 03 Jan 2020 16:40

Tgt Ion:112 Resp: 757067

Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.5	41.7
77	65.0	49.3	73.9