Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060320\
Data File : VV016478.D
Acq On : 04 Jun 2020 00:29
Operator : SY/MD
Sample : L2869-04MS
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBFG5MS

Quant Time: Jun 04 06:06:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 05:34:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	352367	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	334451	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155132	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	102691	41.15	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.30%			
7) Chloroethane-d5	1.56	69	74850	41.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 83.08%			
11) 1,1-Dichloroethene-d2	2.12	63	193507	43.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.48%			
21) 2-Butanone-d5	3.90	46	162491	101.82	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.82%			
24) Chloroform-d	4.37	84	217474	46.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.86%			
26) 1,2-Dichloroethane-d4	5.06	65	153501	48.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.88%			
32) Benzene-d6	5.07	84	437990	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.78%			
36) 1,2-Dichloropropane-d6	6.09	67	140268	50.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.50%			
41) Toluene-d8	7.34	98	387032	47.57	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.14%			
43) trans-1,3-Dichloropropene-	7.64	79	61392	45.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.26%			
47) 2-Hexanone-d5	8.11	63	125201	104.72	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 104.72%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	182730	48.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.52%			
64) 1,2-Dichlorobenzene-d4	11.65	152	158309	54.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.60%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	91804	46.928	ug/L	92
13) Acetone	2.17	43	3833	2.570	ug/L	80
33) Benzene	5.12	78	527723	53.651	ug/L	100
34) Trichloroethene	5.94	95	1119248	433.657	ug/L	97
42) Toluene	7.41	91	554049	53.157	ug/L	100
46) Tetrachloroethene	8.00	164	2398	1.205	ug/L	96
51) Chlorobenzene	8.90	112	359831	52.528	ug/L	98

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

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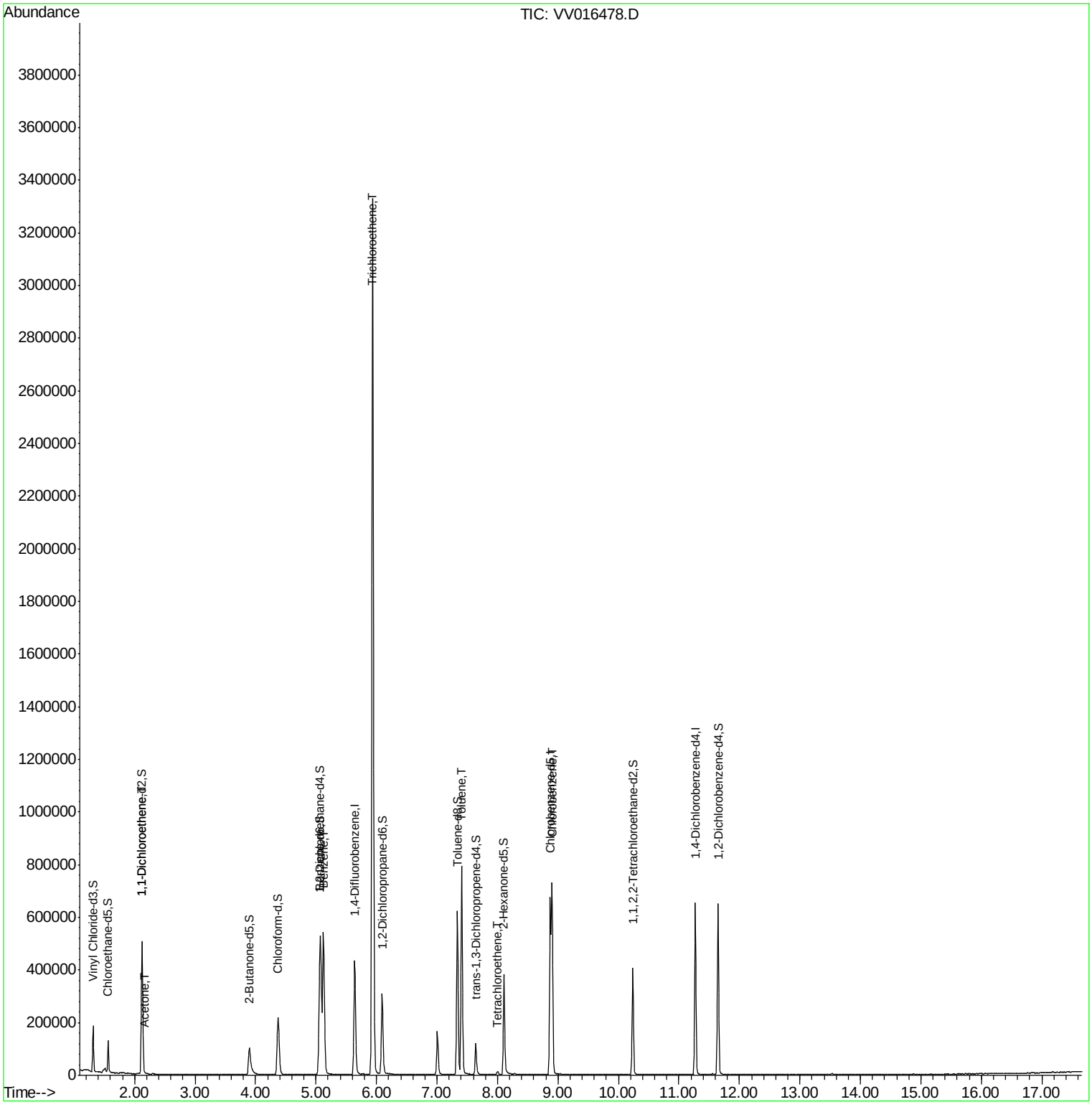
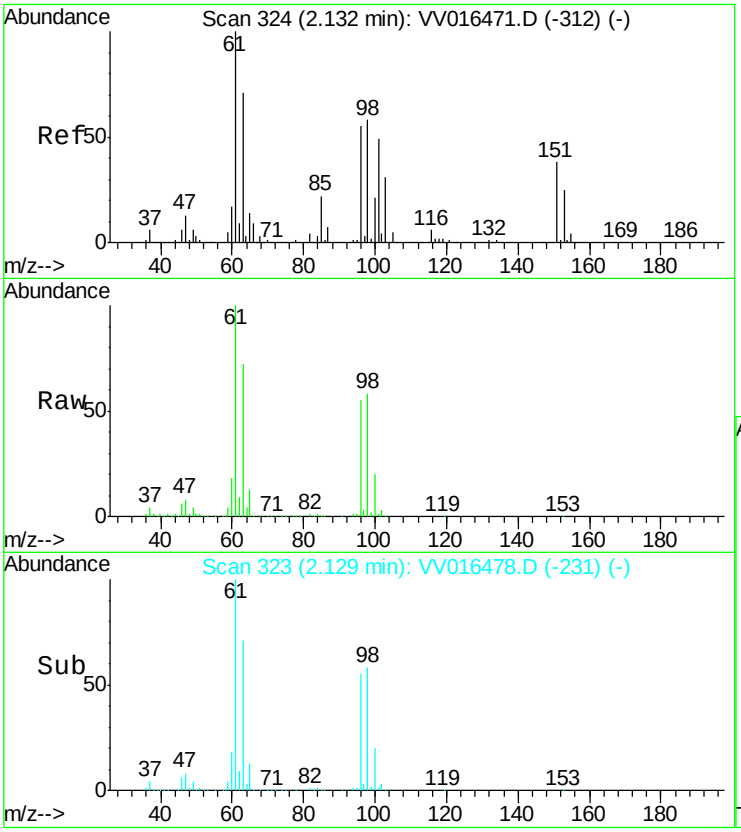


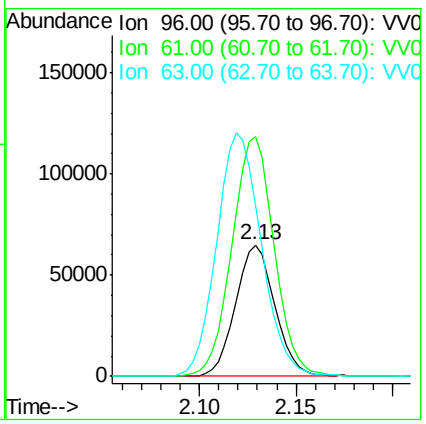


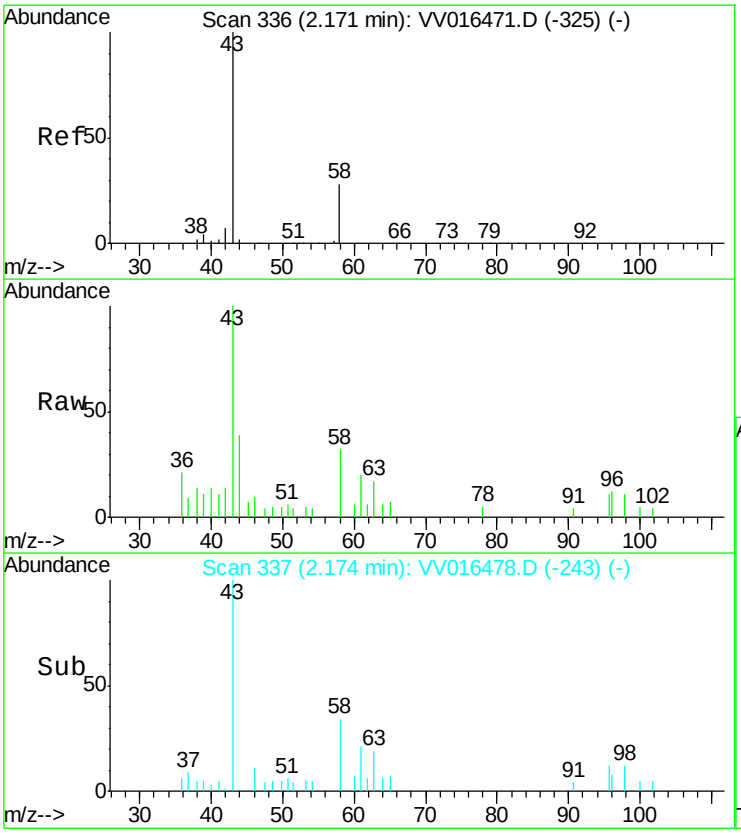
#12
1,1-Dichloroethene
Concen: 46.928 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Instrument : MSVOA_V
ClientSampleId : DBFG5MS

Tgt Ion: 96 Resp: 91804

Ion	Ratio	Lower	Upper
96	100		
61	182.7	125.5	233.1
63	130.7	104.0	193.1

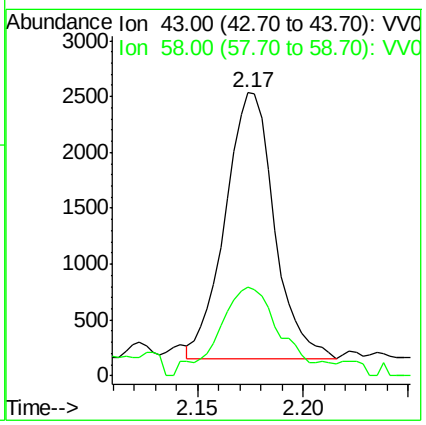


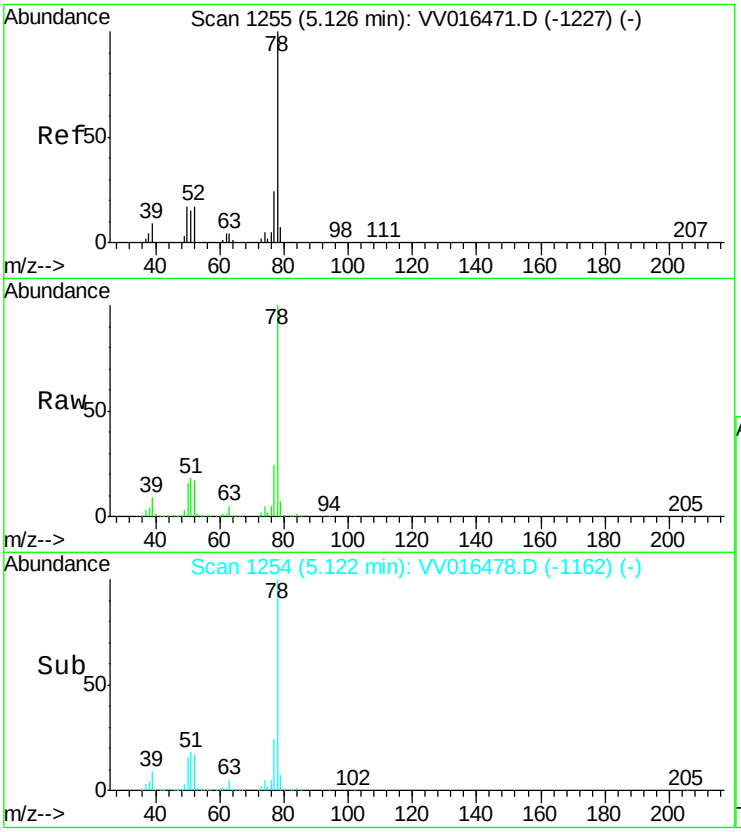


#13
Acetone
Concen: 2.570 ug/L
RT: 2.17 min Scan# 337
Delta R.T. 0.00 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Tgt Ion: 43 Resp: 3833

Ion	Ratio	Lower	Upper
43	100		
58	39.4	0.0	57.2

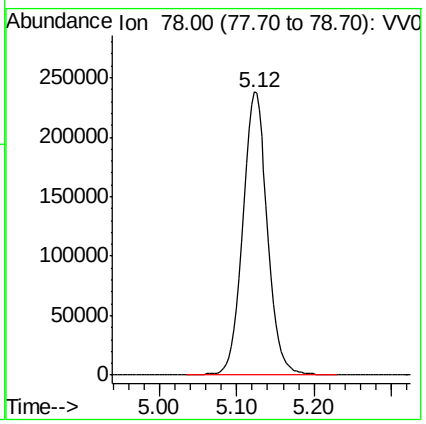


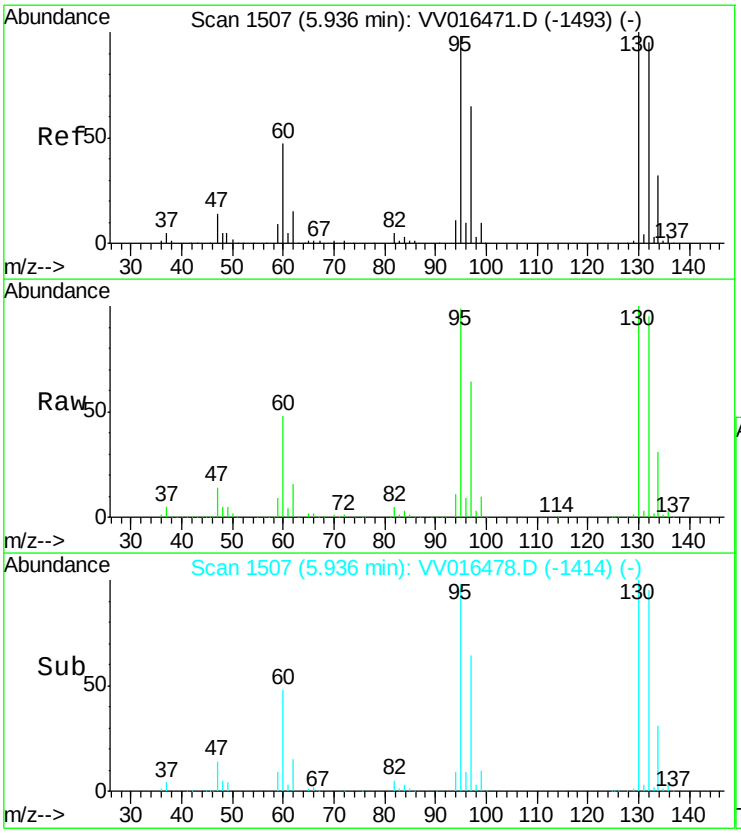


#33
Benzene
Concen: 53.651 ug/L
RT: 5.12 min Scan# 1254
Delta R.T. -0.00 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Instrument :
MSVOA_V
ClientSampleId :
DBFG5MS

Tgt Ion: 78 Resp: 527723

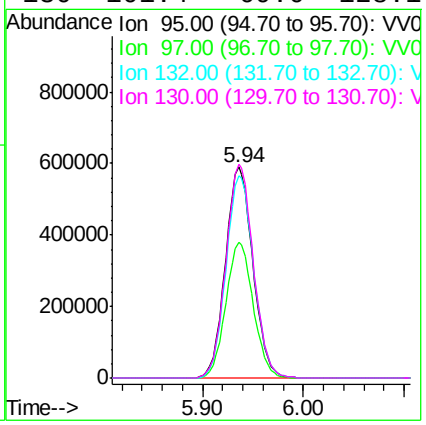


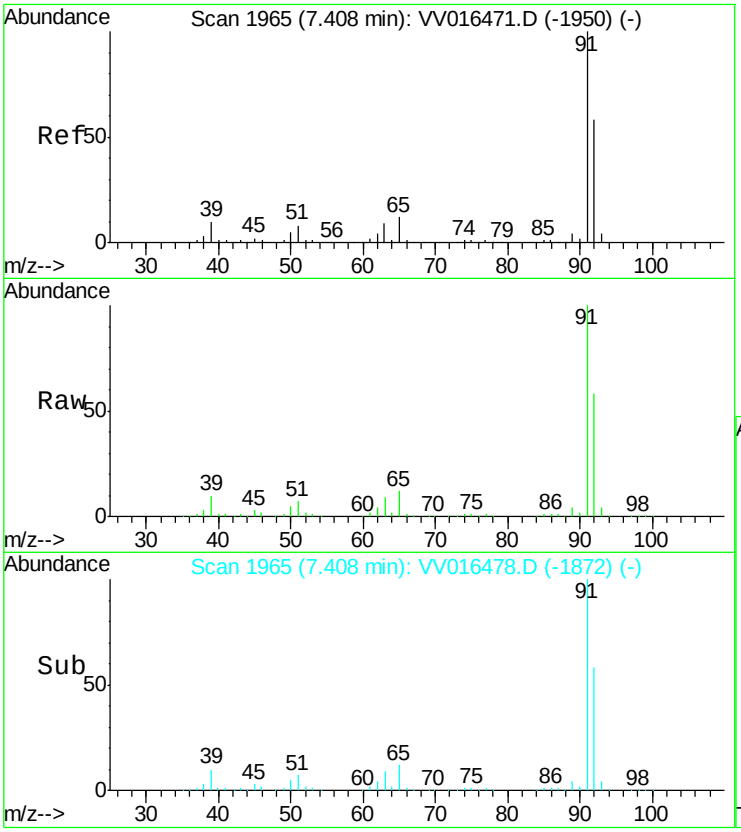


#34
Trichloroethene
Concen: 433.657 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. -0.00 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Tgt Ion: 95 Resp: 1119248

Ion	Ratio	Lower	Upper
95	100		
97	64.4	42.8	79.6
132	96.1	65.6	121.8
130	101.4	69.0	128.1



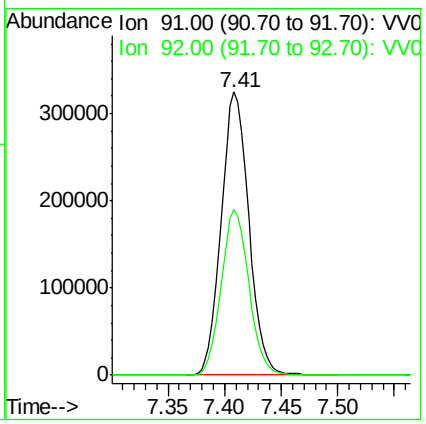


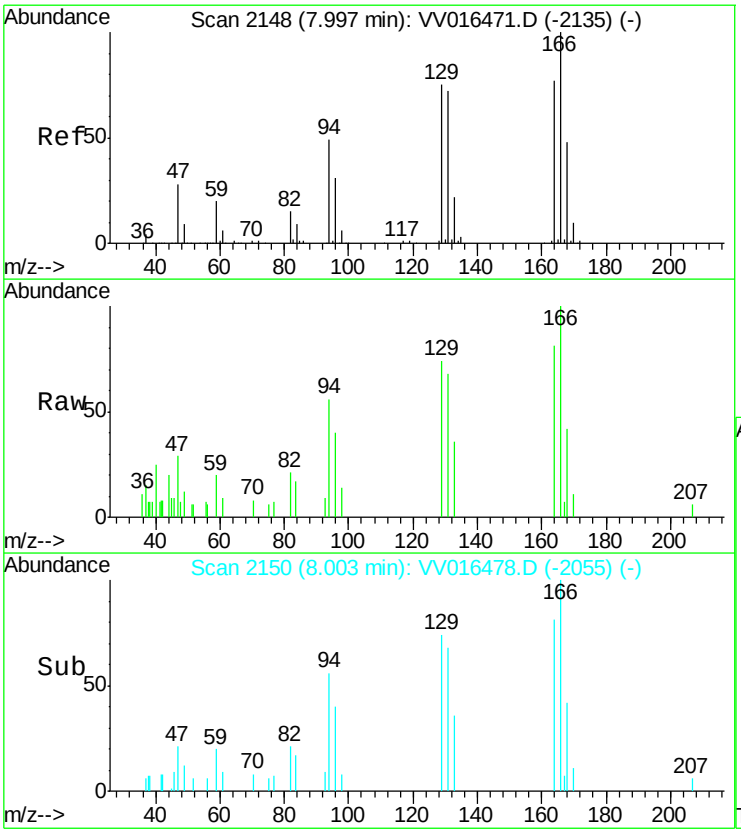
#42
Toluene
Concen: 53.157 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Instrument : MSVOA_V
ClientSampleId : DBFG5MS

Tgt Ion: 91 Resp: 554049

Ion	Ratio	Lower	Upper
91	100		
92	58.4	40.9	75.9

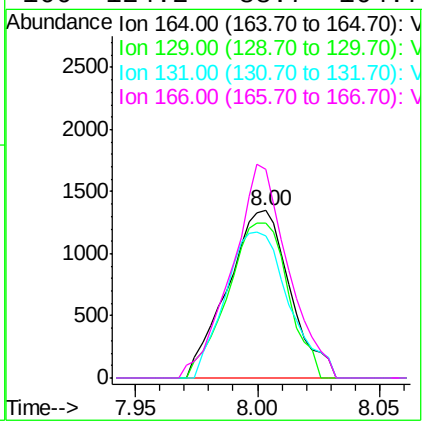


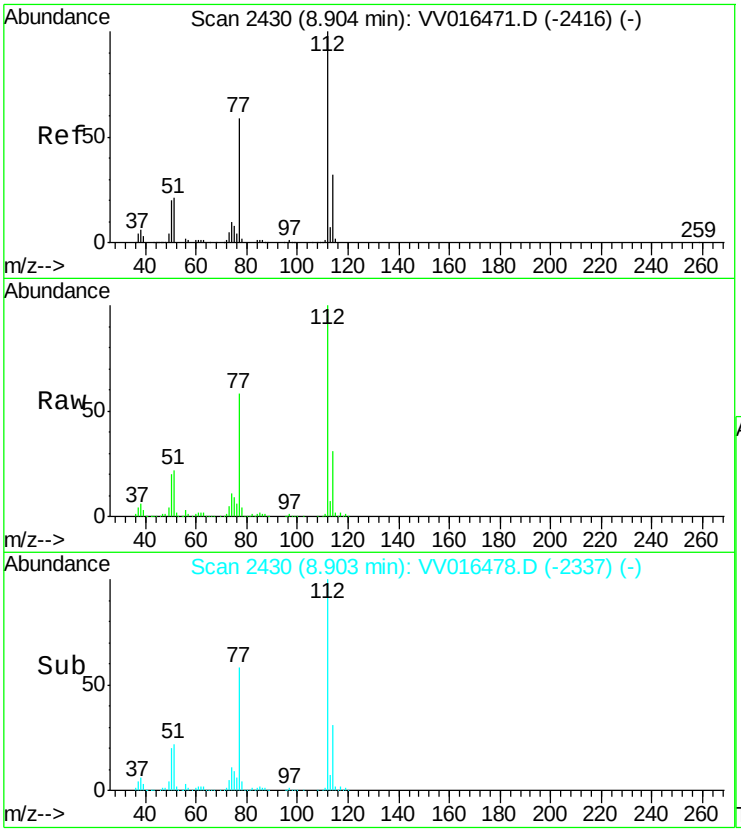


#46
Tetrachloroethene
Concen: 1.205 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. 0.01 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Tgt Ion:164 Resp: 2398

Ion	Ratio	Lower	Upper
164	100		
129	92.1	67.7	125.7
131	84.7	63.8	118.6
166	124.2	88.7	164.7

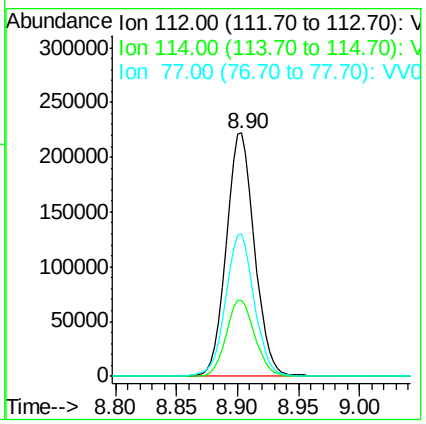




#51
Chlorobenzene
Concen: 52.528 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016478.D
Acq: 04 Jun 2020 00:29

Tgt Ion:112 Resp: 359831

Ion	Ratio	Lower	Upper
112	100		
114	31.4	22.7	42.1
77	58.3	47.4	71.2



Instrument :
MSVOA_V
ClientSampleId :
DBFG5MS