Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081318\
Data File : VV007011.D
Acq On : 13 Aug 2018 17:21
Operator : SY/MD
Sample : J4451-11MSD
Misc : 25 mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A4ZK1MSD

Quant Time: Aug 14 06:50:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 14 05:35:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	247129	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	237874	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93733	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	60251	3.78	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.60%			
7) Chloroethane-d5	1.58	69	57881	4.28	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.60%			
11) 1,1-Dichloroethene-d2	2.13	63	129124	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.20%			
20) 2-Butanone-d5	3.97	46	234972	51.22	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 102.44%			
24) Chloroform-d	4.41	84	153226	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
26) 1,2-Dichloroethane-d4	5.09	65	80099	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
32) Benzene-d6	5.10	84	274312	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.12	67	101377	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.36	98	199070	3.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.60%			
43) trans-1,3-Dichloropropene-	7.67	79	32282	4.44	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.80%			
46) 2-Hexanone-d5	8.15	63	112319	37.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.58%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78711	4.83	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	76552	4.69	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	30384	1.26	ug/L	99
12) 1,1-Dichloroethene	2.14	96	91389	5.15	ug/L	92
13) Acetone	2.22	43	14021	5.94	ug/L	98
17) Methyl tert-butyl Ether	2.82	73	40062	0.94	ug/L	99
33) Benzene	5.15	78	433258	5.26	ug/L	100
34) Trichloroethene	5.96	95	101074	5.11	ug/L	94
42) Toluene	7.44	91	389567	4.92	ug/L	99
51) Chlorobenzene	8.93	112	258884	5.13	ug/L	98

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

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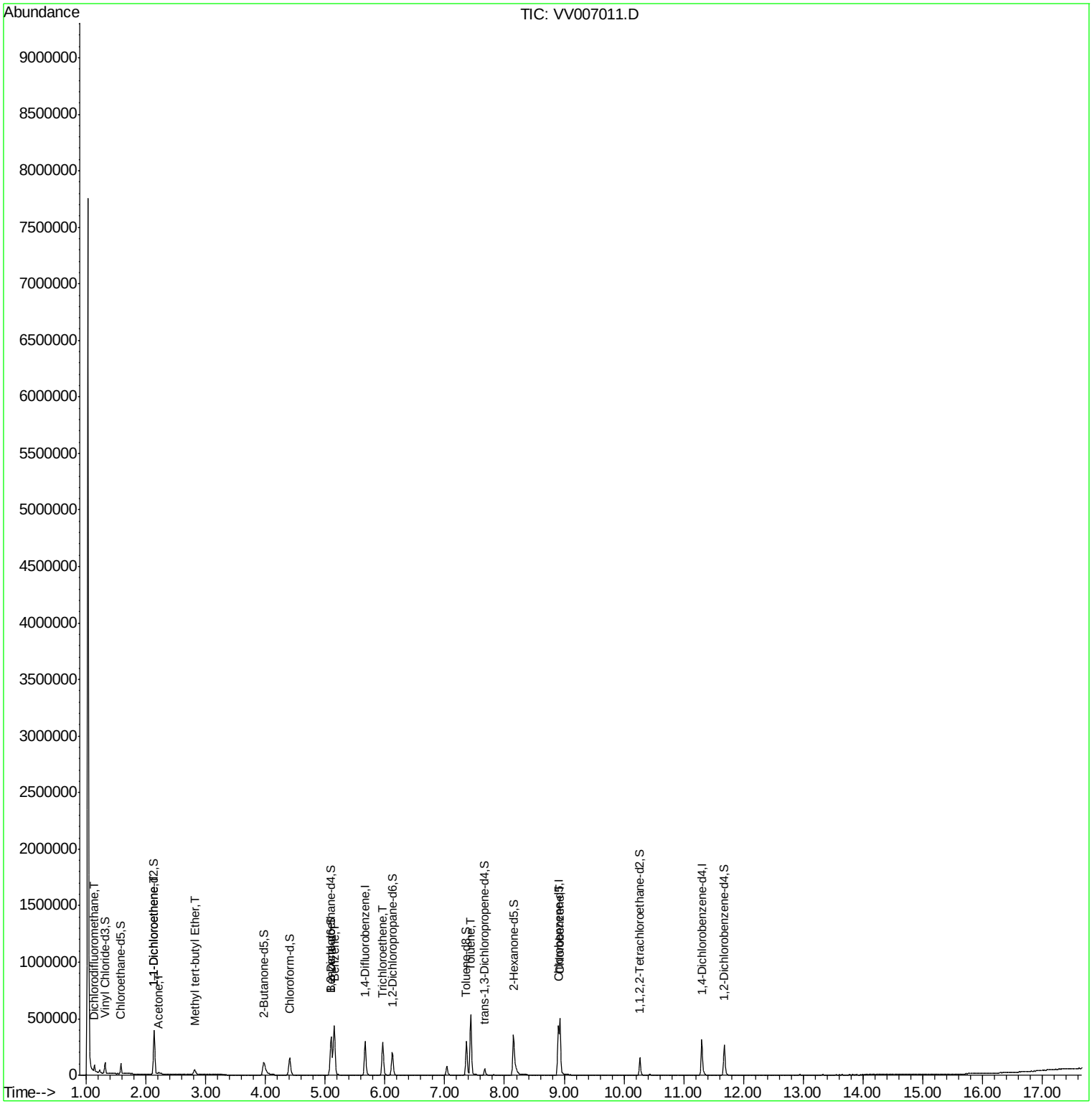
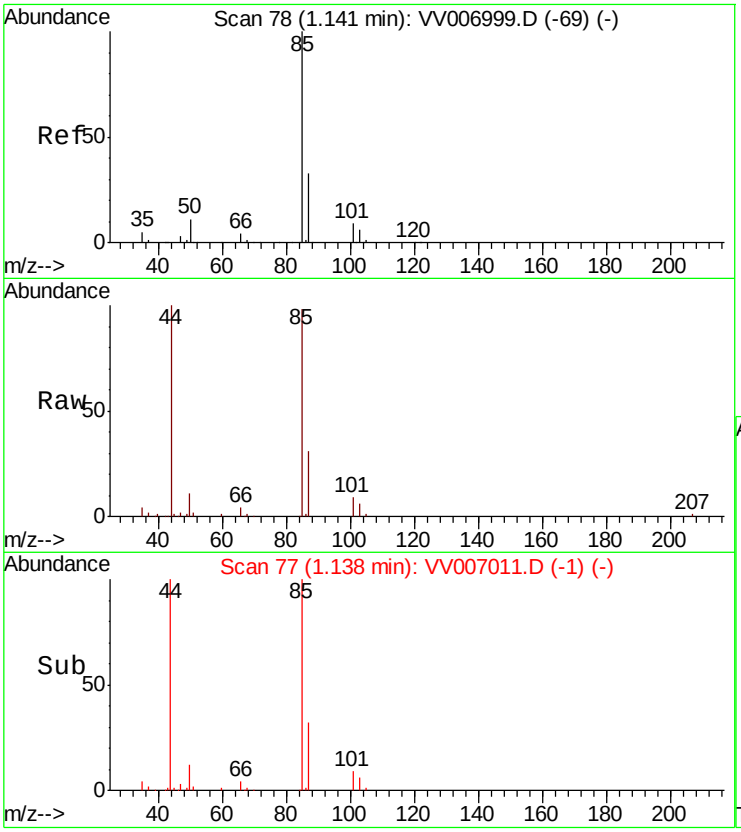


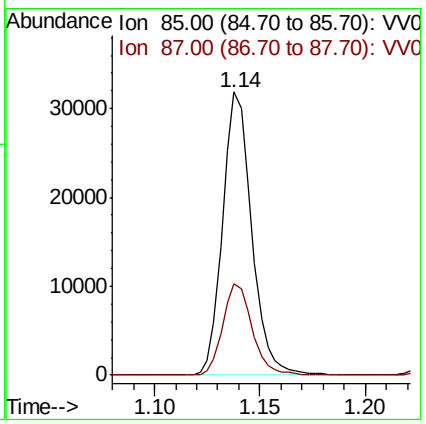


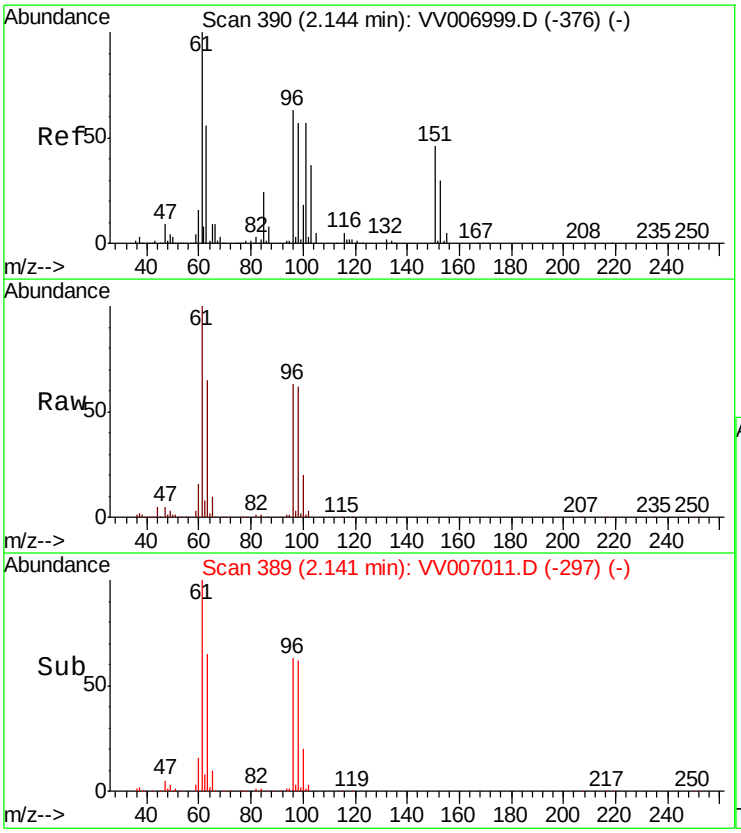
#2
Dichlorodifluoromethane
Concen: 1.26 ug/L
RT: 1.14 min Scan# 77
Delta R.T. -0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Instrument : MSVOA_V
ClientSampleId : A4ZK1MSD

Tgt Ion: 85 Resp: 30384

Ion	Ratio	Lower	Upper
85	100		
87	32.6	25.4	38.2

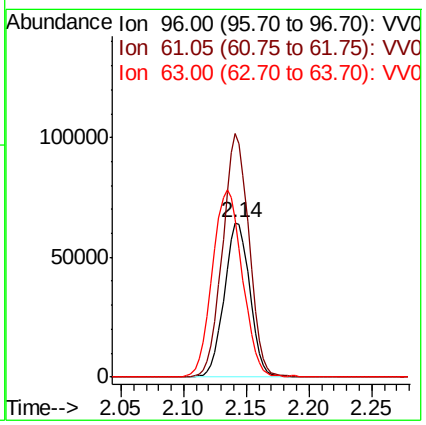


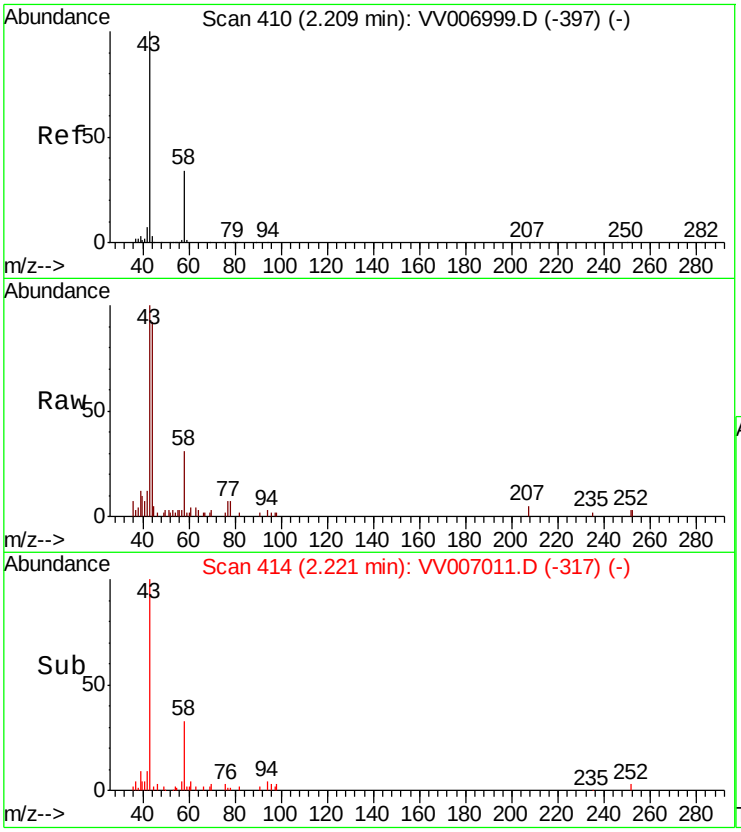


#12
1,1-Dichloroethene
Concen: 5.15 ug/L
RT: 2.14 min Scan# 389
Delta R.T. -0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Tgt Ion: 96 Resp: 91389

Ion	Ratio	Lower	Upper
96	100		
61	157.9	111.6	207.4
63	102.5	84.9	157.7



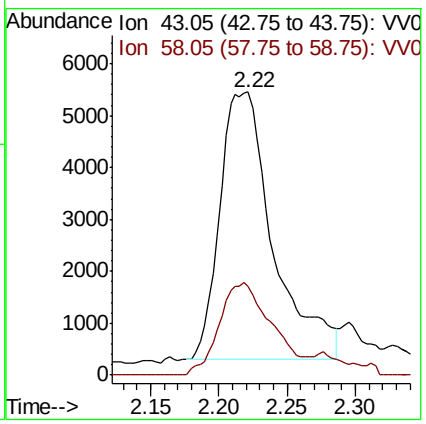


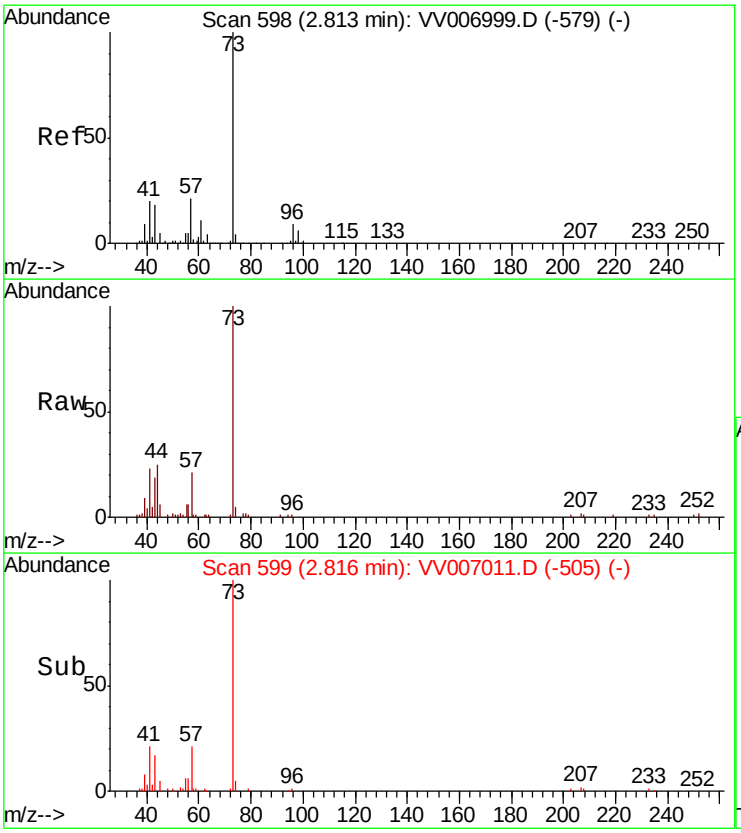
#13
Acetone
Concen: 5.94 ug/L
RT: 2.22 min Scan# 414
Delta R.T. 0.01 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Instrument :
MSVOA_V
ClientSampleId :
A4ZK1MSD

Tgt Ion: 43 Resp: 14021

Ion	Ratio	Lower	Upper
43	100		
58	34.6	0.0	71.4

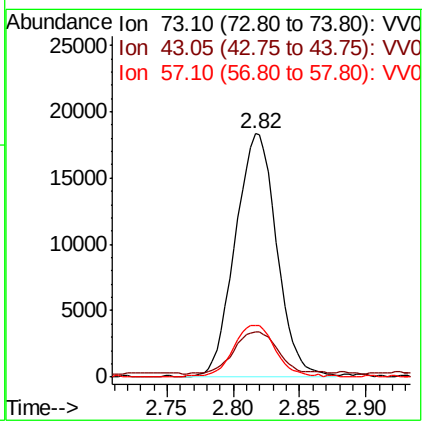


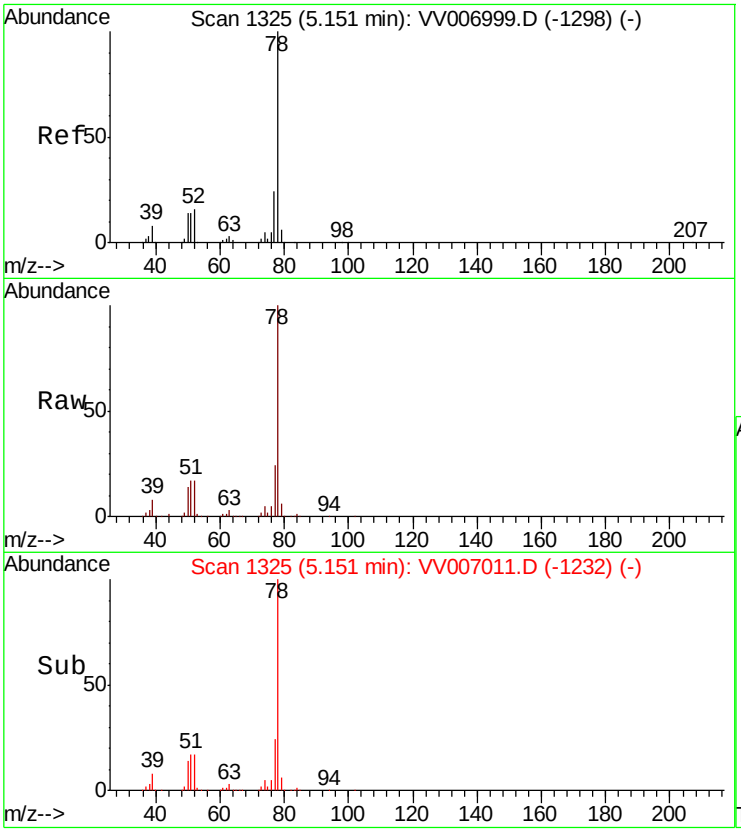


#17
Methyl tert-butyl Ether
Concen: 0.94 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Tgt Ion: 73 Resp: 40062

Ion	Ratio	Lower	Upper
73	100		
43	18.0	14.4	21.6
57	21.8	17.9	26.9

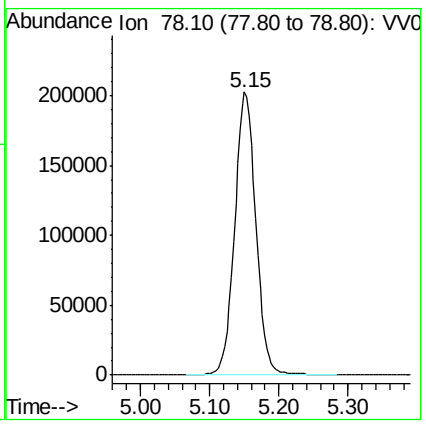


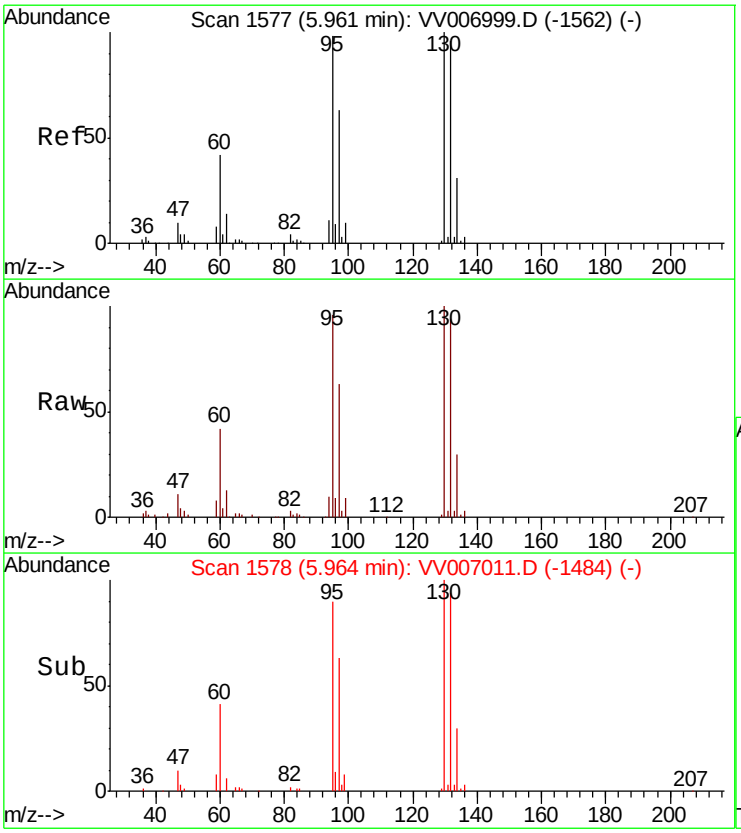


#33
Benzene
Concen: 5.26 ug/L
RT: 5.15 min Scan# 1325
Delta R.T. -0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Instrument :
MSVOA_V
ClientSampleId :
A4ZK1MSD

Tgt Ion: 78 Resp: 433258

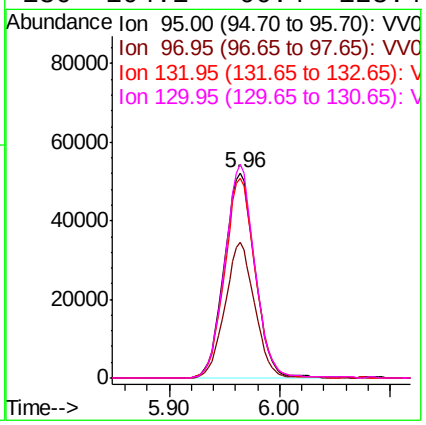


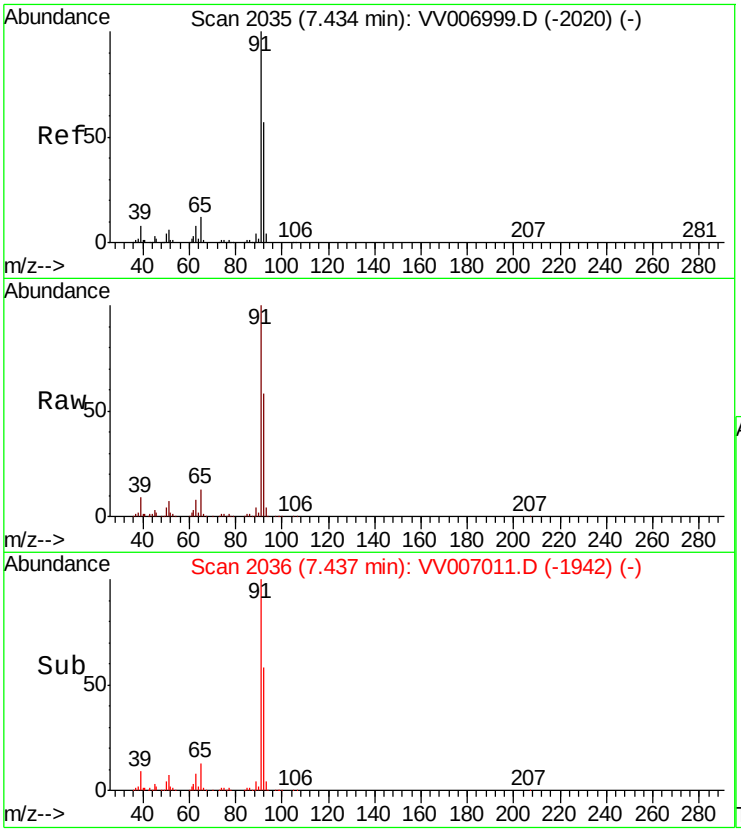


#34
Trichloroethene
Concen: 5.11 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Tgt Ion: 95 Resp: 101074

Ion	Ratio	Lower	Upper
95	100		
97	65.9	44.8	83.2
132	97.5	65.5	121.6
130	104.1	66.4	123.4



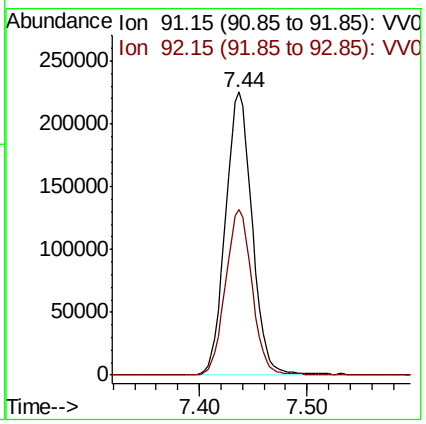


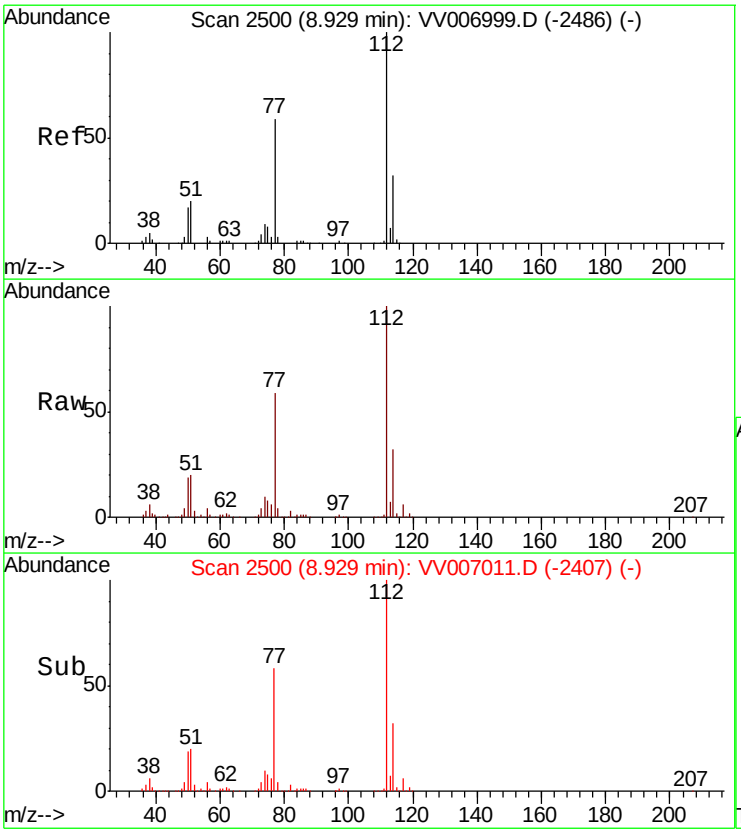
#42
Toluene
Concen: 4.92 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Instrument :
MSVOA_V
ClientSampleId :
A4ZK1MSD

Tgt Ion: 91 Resp: 389567

Ion	Ratio	Lower	Upper
91	100		
92	58.3	40.2	74.6





#51
Chlorobenzene
Concen: 5.13 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV007011.D
Acq: 13 Aug 2018 17:21

Tgt Ion:112 Resp: 258884

Ion	Ratio	Lower	Upper
112	100		
114	32.1	21.8	40.6
77	58.6	48.0	72.0