Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051120\
Data File : VV016002.D
Acq On : 11 May 2020 20:27
Operator : SY/MD
Sample : L2541-12MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H4249MSD

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Quant Time: May 12 06:30:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 12 01:07:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125617	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121530	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	54497	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27984	4.11	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.20%			
7) Chloroethane-d5	1.58	69	29464	4.56	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.20%			
11) 1,1-Dichloroethene-d2	2.13	63	67694	4.62	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 92.40%			
20) 2-Butanone-d5	3.94	46	109010	56.08	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.16%			
24) Chloroform-d	4.38	84	70689	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.00%			
26) 1,2-Dichloroethane-d4	5.06	65	46598	5.46	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.20%			
32) Benzene-d6	5.08	84	140198	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
36) 1,2-Dichloropropane-d6	6.10	67	48099	5.45	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 109.00%			
41) Toluene-d8	7.34	98	118849	4.35	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.00%			
45) trans-1,3-Dichloropropene-	7.65	79	12150	3.51	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.20%			
48) 2-Hexanone-d5	8.12	63	74071	48.67	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.34%			
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34127	5.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.00%			
65) 1,2-Dichlorobenzene-d4	11.65	152	45674	5.16	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.14	85	2035	0.211	ug/L	98
12) 1,1-Dichloroethene	2.14	96	38671	5.594	ug/L	80
13) Acetone	2.22	43	5923m	4.619	ug/L	
17) Methyl tert-butyl Ether	2.79	73	10265	0.571	ug/L #	92
25) Chloroform	4.41	83	9701	0.599	ug/L	99
33) Benzene	5.13	78	198175	6.481	ug/L	100
34) Trichloroethene	5.94	95	47980	5.498	ug/L	96
42) Toluene	7.41	91	196140	6.052	ug/L	98
53) Chlorobenzene	8.90	112	131230	6.296	ug/L	98

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

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Instrument :
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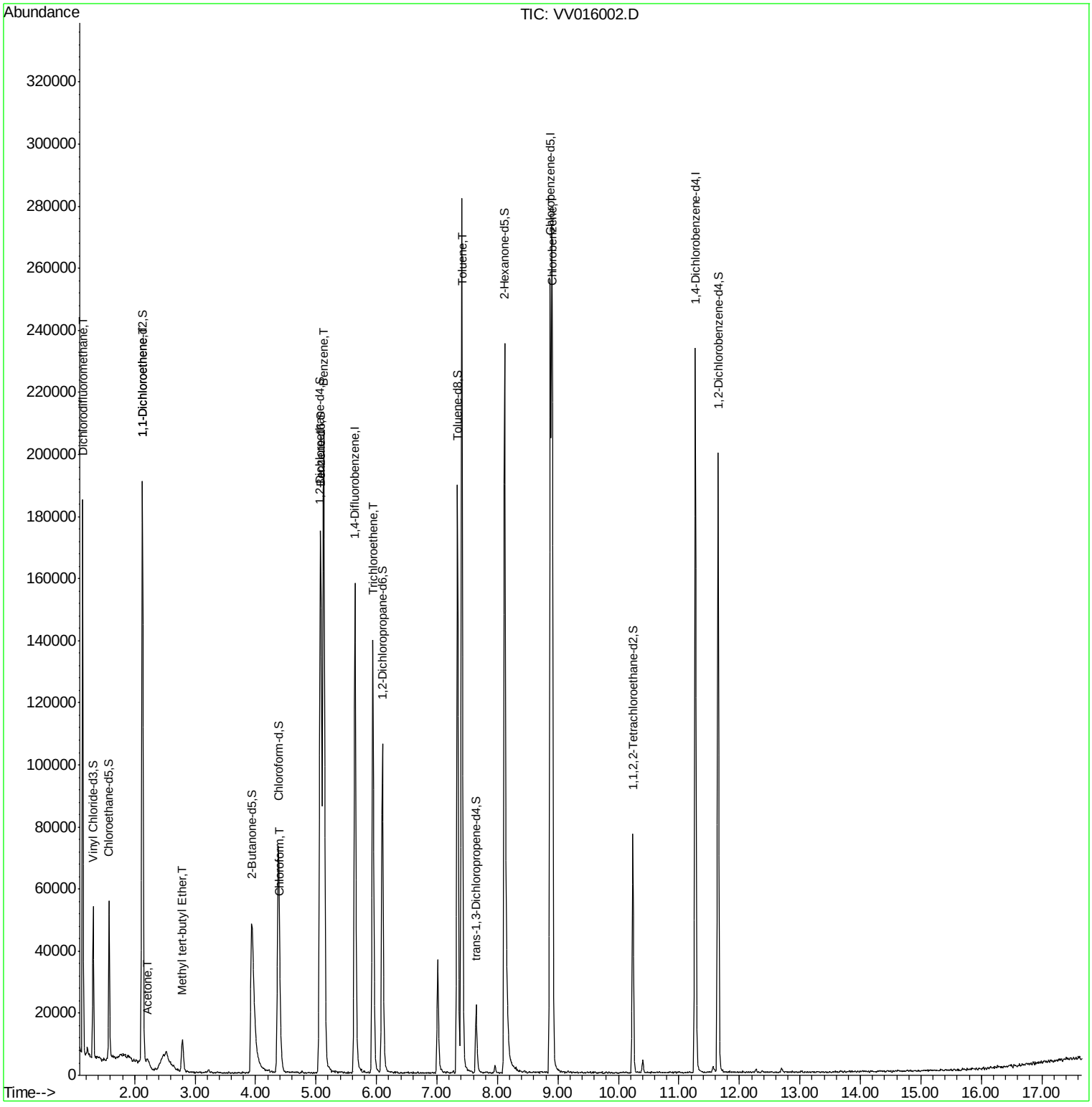
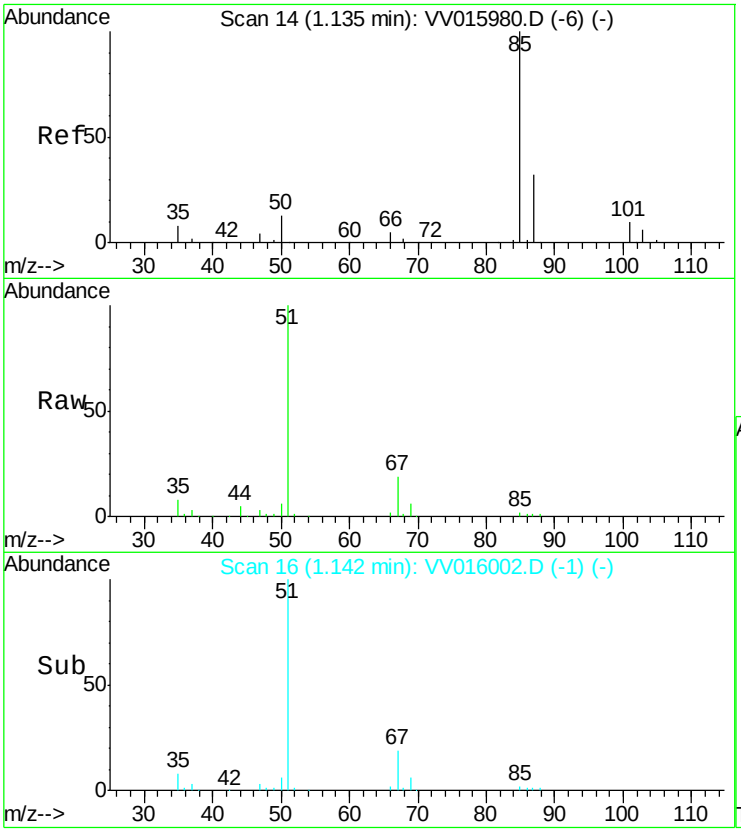
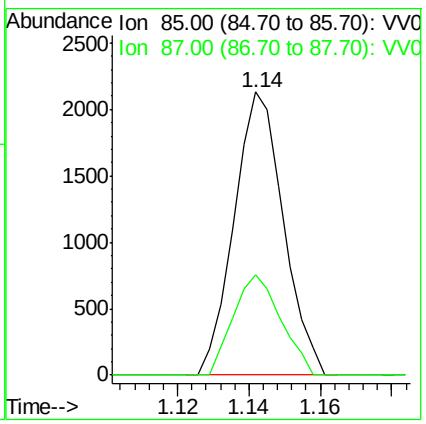




#2
Dichlorodifluoromethane
Concen: 0.211 ug/L
RT: 1.14 min Scan# 16
Delta R.T. 0.01 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 85 Resp: 2035

Ion	Ratio	Lower	Upper
85	100		
87	34.1	26.4	39.6



Instrument :
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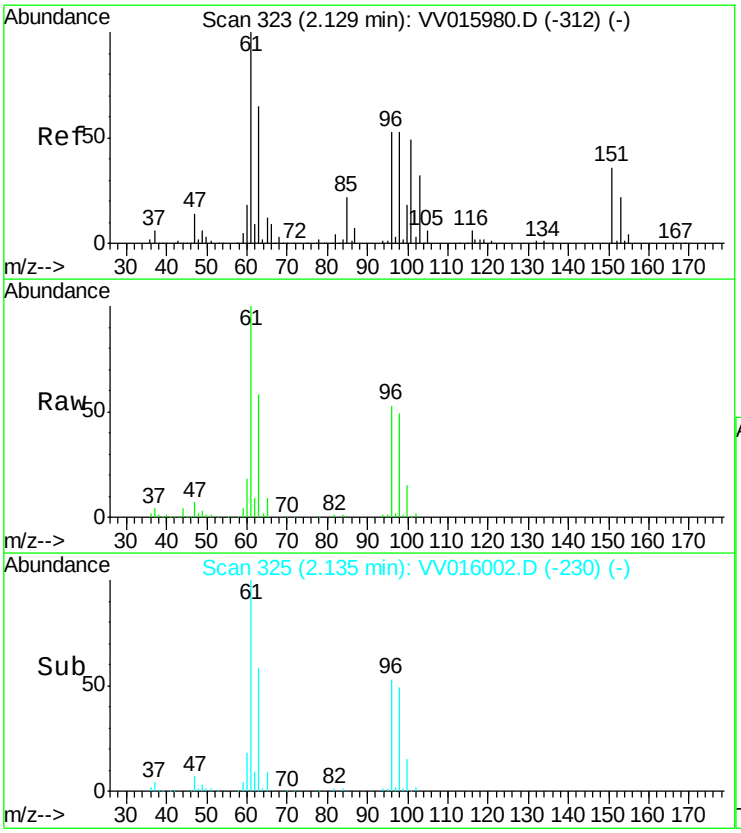
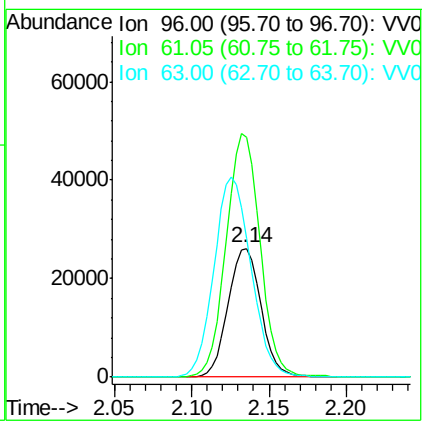
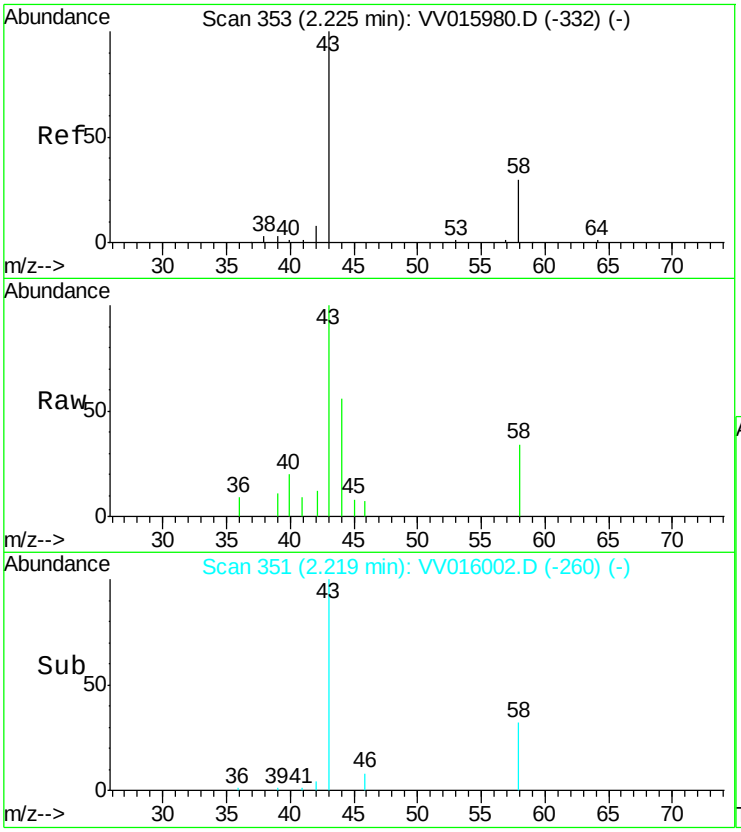


#12
1,1-Dichloroethene
Concen: 5.594 ug/L
RT: 2.14 min Scan# 325
Delta R.T. 0.01 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 96 Resp: 38671

Ion	Ratio	Lower	Upper
96	100		
61	187.0	139.9	259.7
63	107.7	106.4	197.6





#13
Acetone
Concen: 4.619 ug/L m
RT: 2.22 min Scan# 351
Delta R.T. -0.01 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 43 Resp: 5923

Ion	Ratio	Lower	Upper
43	100		
58	1.1	0.0	30.8

Instrument :
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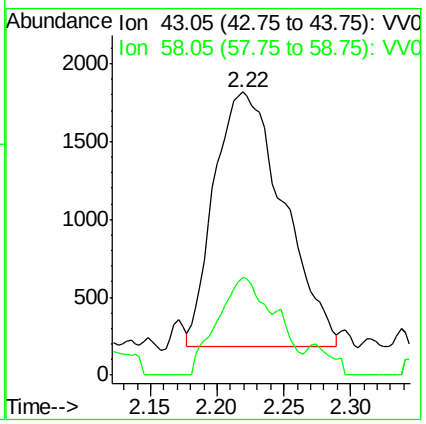
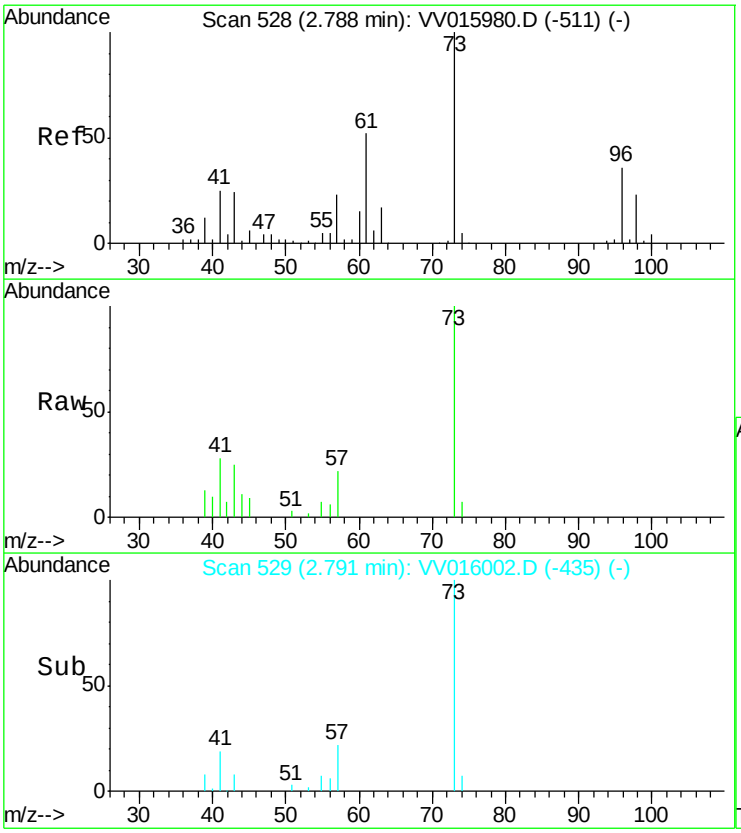
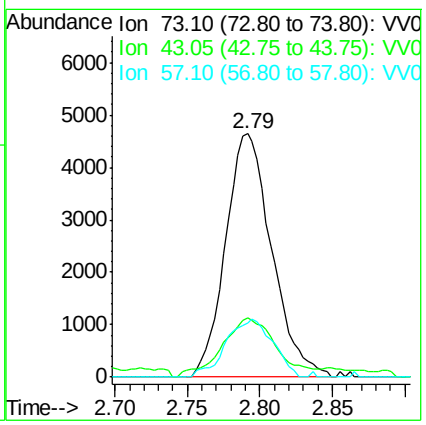


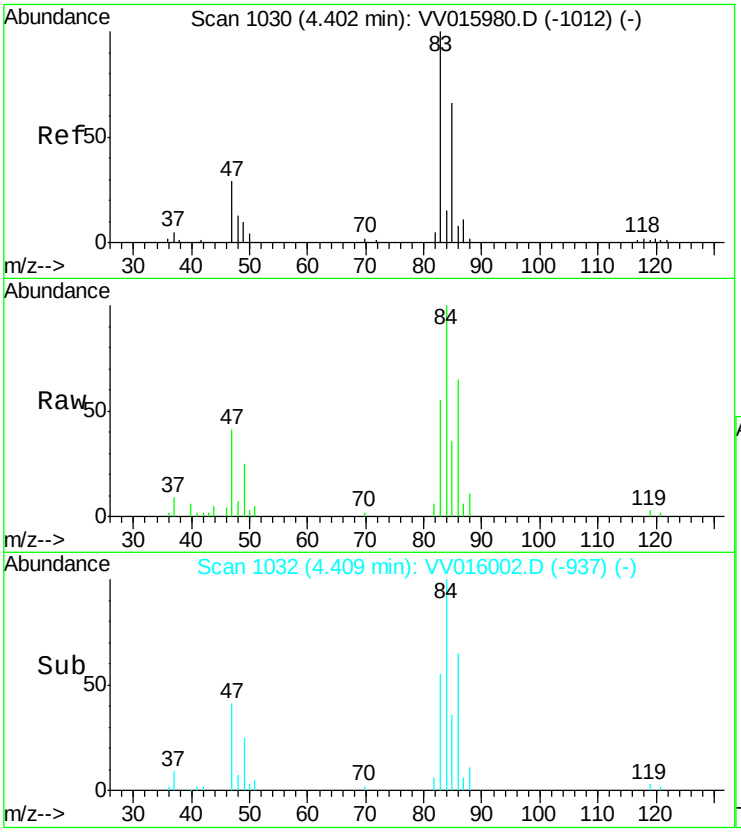


#17
Methyl tert-butyl Ether
Concen: 0.571 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 73 Resp: 10265

Ion	Ratio	Lower	Upper
73	100		
43	28.7	18.8	28.2#
57	24.3	17.8	26.6

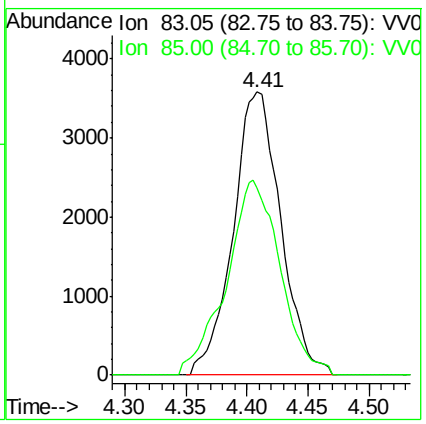




#25
Chloroform
Concen: 0.599 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 83 Resp: 9701

Ion	Ratio	Lower	Upper
83	100		
85	66.1	45.7	84.9



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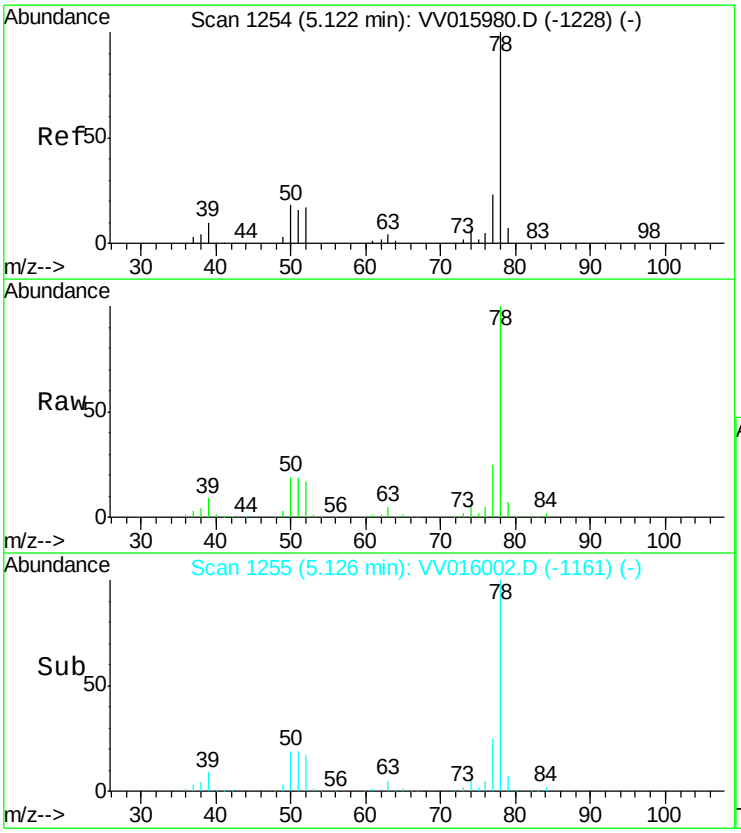
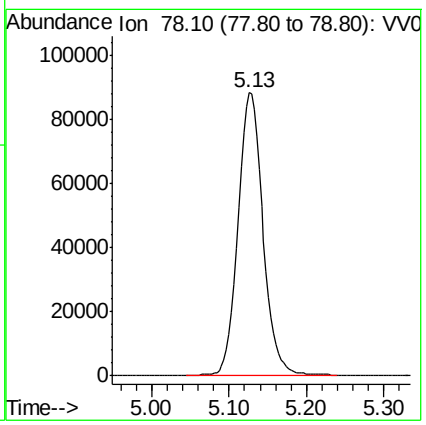
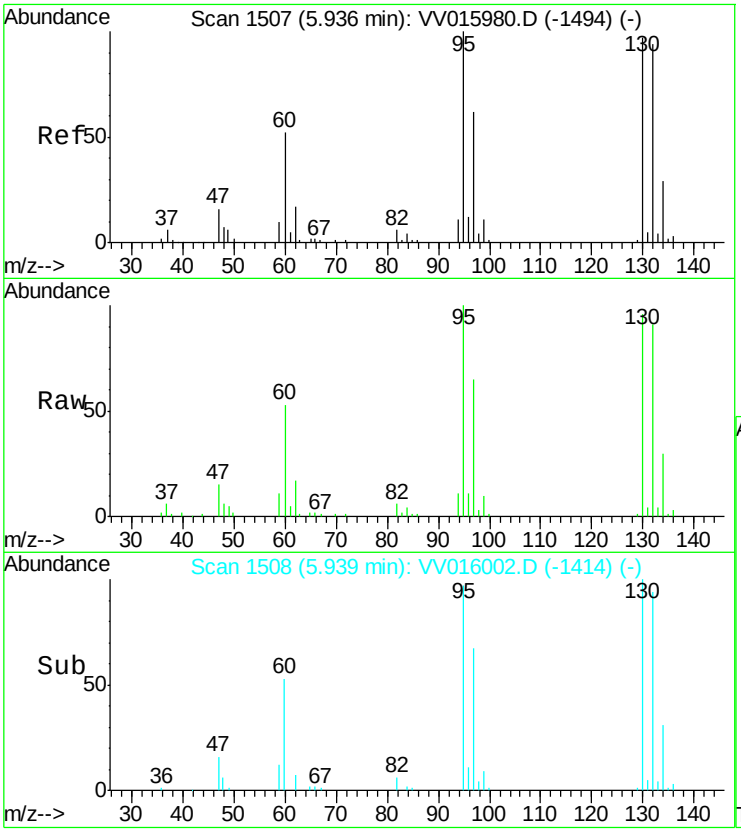


#33
Benzene
Concen: 6.481 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 78 Resp: 198175

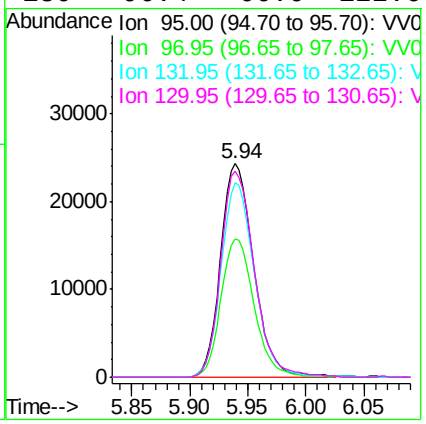




#34
Trichloroethene
Concen: 5.498 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 95 Resp: 47980

Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.3	80.5
132	91.0	60.3	112.1
130	96.4	66.0	122.6



Instrument :
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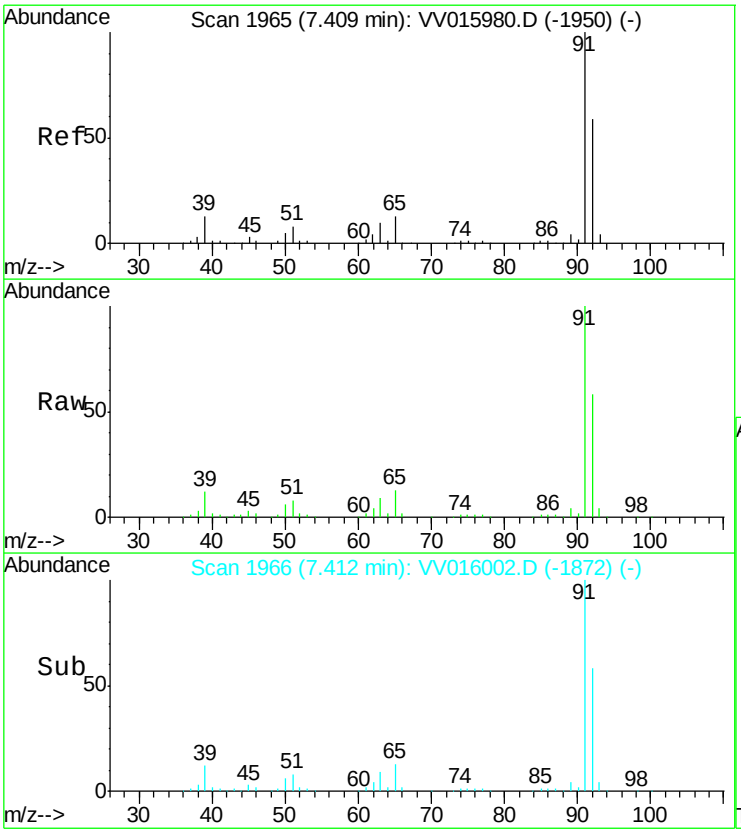
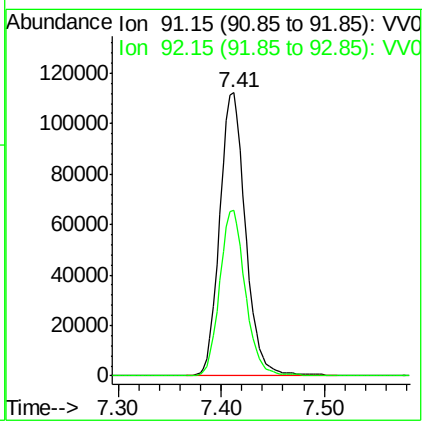
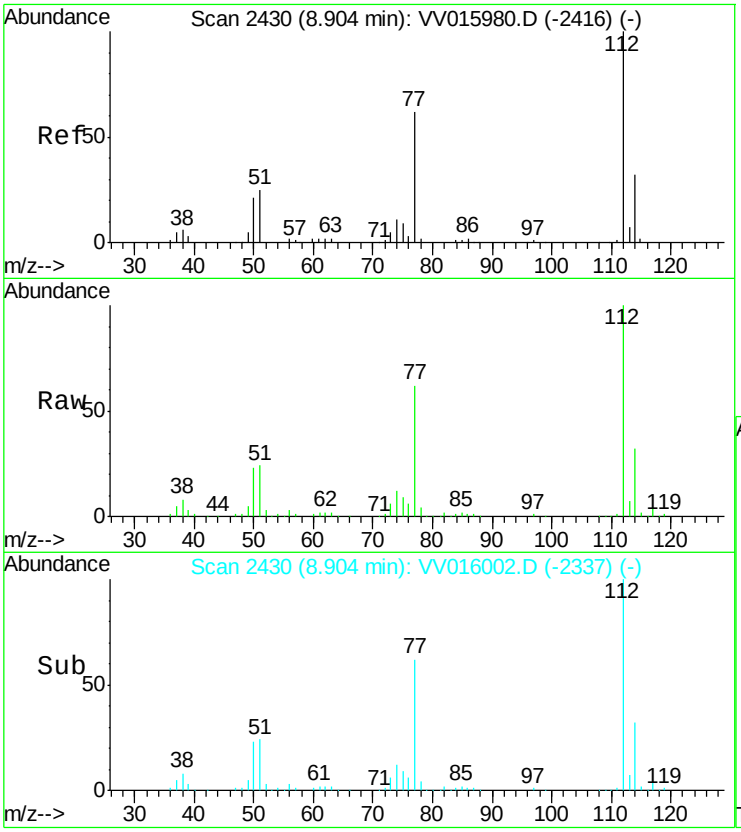


#42
Toluene
Concen: 6.052 ug/L
RT: 7.41 min Scan# 1966
Delta R.T. 0.00 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion: 91 Resp: 196140

Ion	Ratio	Lower	Upper
91	100		
92	58.5	40.1	74.5

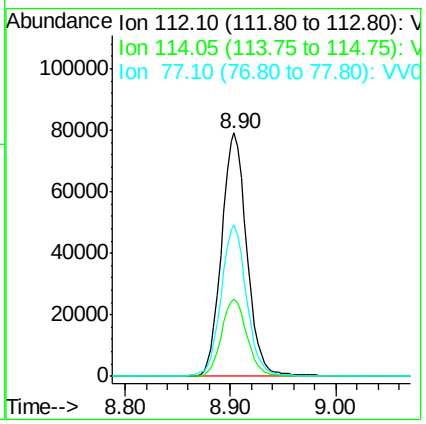




#53
Chlorobenzene
Concen: 6.296 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV016002.D
Acq: 11 May 2020 20:27

Tgt Ion:112 Resp: 131230

Ion	Ratio	Lower	Upper
112	100		
114	31.7	21.6	40.0
77	62.1	48.6	73.0



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