Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041520\
Data File : VV015511.D
Acq On : 15 Apr 2020 15:59
Operator : SY/MD
Sample : L2273-23MSD
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : YAQ79MSD

Quant Time: Apr 16 01:44:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 16 00:42:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	108390	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	101281	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49622	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	29604	5.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.20%			
7) Chloroethane-d5	1.58	69	27049	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.40%			
11) 1,1-Dichloroethene-d2	2.13	63	61245	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 103.40%			
20) 2-Butanone-d5	3.92	46	76811	48.64	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.28%			
24) Chloroform-d	4.38	84	60597	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.20%			
26) 1,2-Dichloroethane-d4	5.06	65	32575	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.08	84	116962	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.20%			
36) 1,2-Dichloropropane-d6	6.10	67	36193	5.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.40%			
41) Toluene-d8	7.34	98	106584	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.40%			
43) trans-1,3-Dichloropropene-	7.65	79	13775	4.52	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.40%			
46) 2-Hexanone-d5	8.11	63	59843	40.77	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.54%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24217	4.36	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 87.20%			
64) 1,2-Dichlorobenzene-d4	11.65	152	39440	4.95	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	33344	4.901	ug/L	92
13) Acetone	2.20	43	9290	8.327	ug/L #	52
25) Chloroform	4.41	83	36909	2.495	ug/L	99
33) Benzene	5.13	78	159506	5.262	ug/L	100
34) Trichloroethene	5.94	95	41997	5.147	ug/L	95
42) Toluene	7.41	91	168252	5.112	ug/L	97
47) Tetrachloroethene	8.00	164	22787	3.770	ug/L	98
51) Chlorobenzene	8.90	112	108181	5.157	ug/L	99

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

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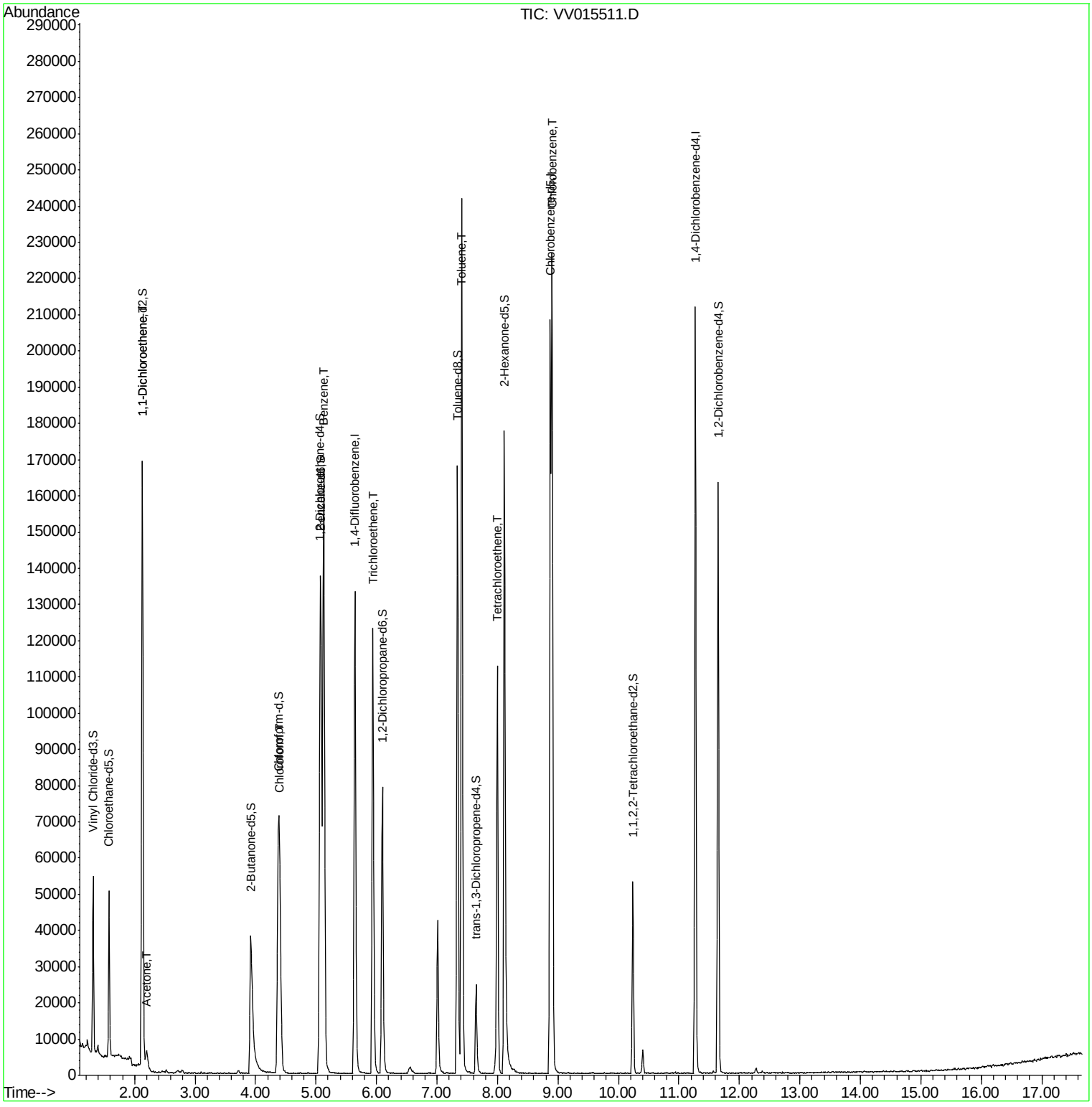
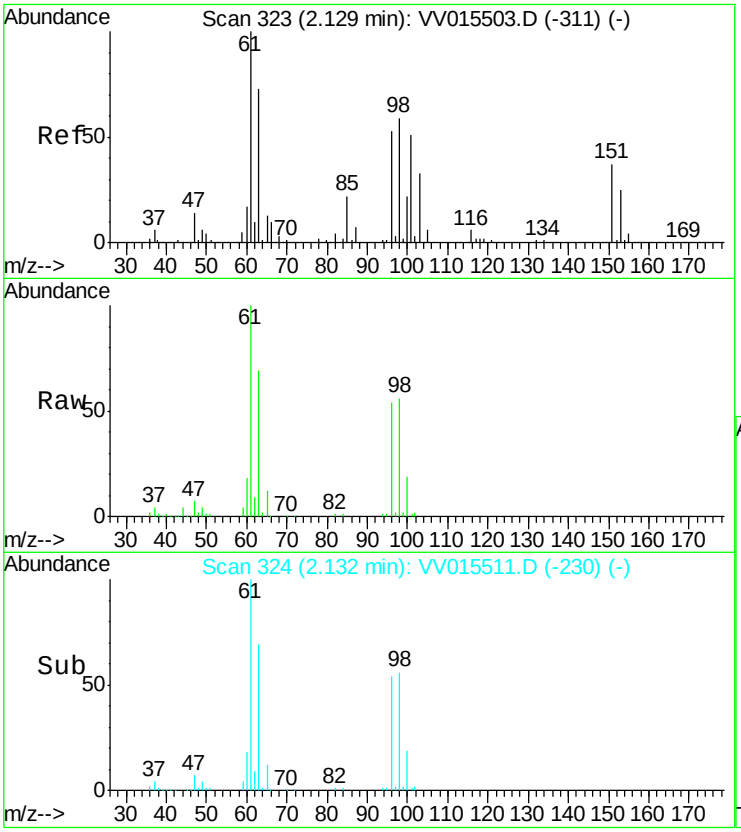


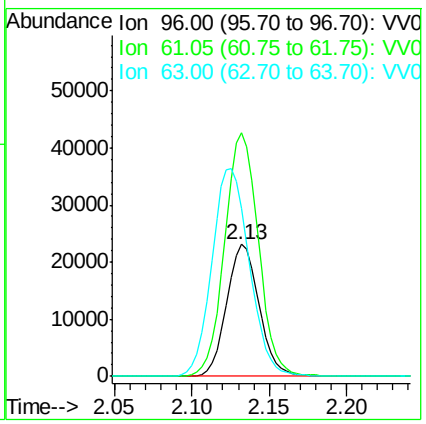


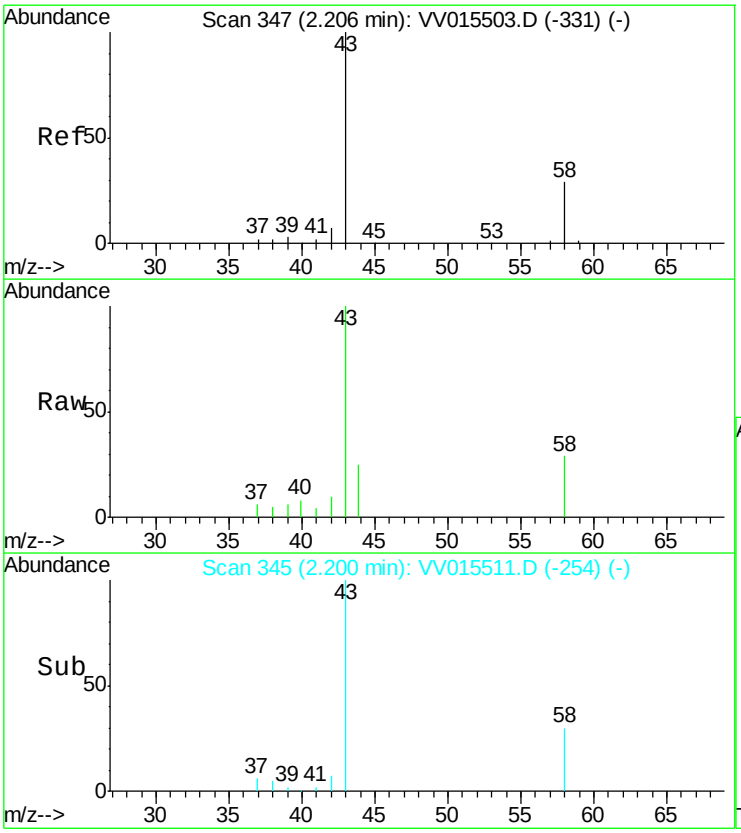
#12
1,1-Dichloroethene
Concen: 4.901 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Instrument :
MSVOA_V
ClientSampleId :
YAQ79MSD

Tgt Ion: 96 Resp: 33344

Ion	Ratio	Lower	Upper
96	100		
61	184.4	127.7	237.1
63	127.0	75.1	139.5

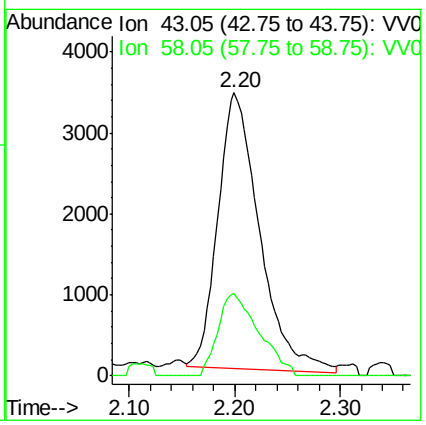


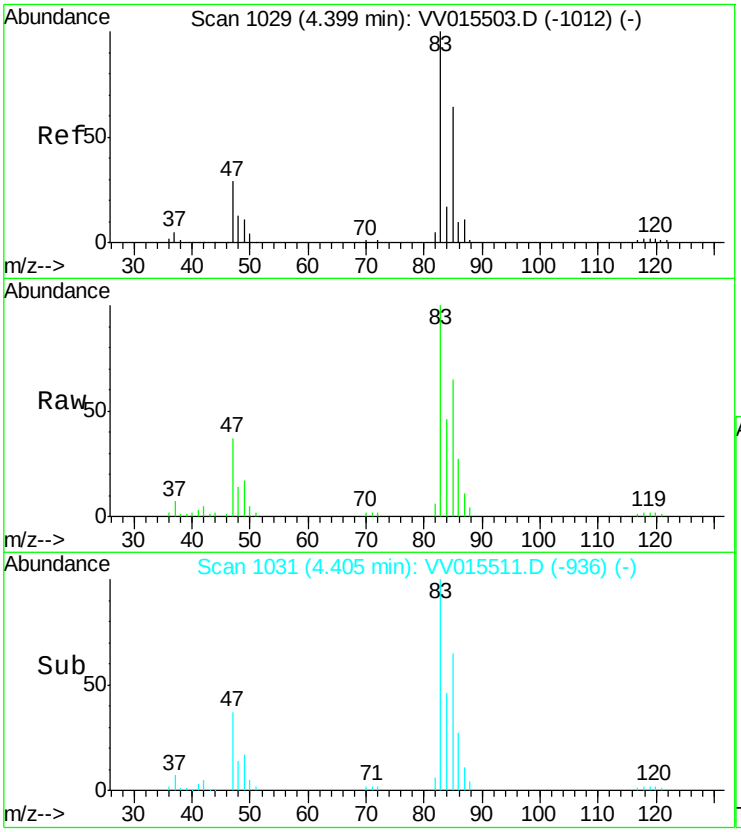


#13
Acetone
Concen: 8.327 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.01 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Tgt Ion: 43 Resp: 9290

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	22.2#



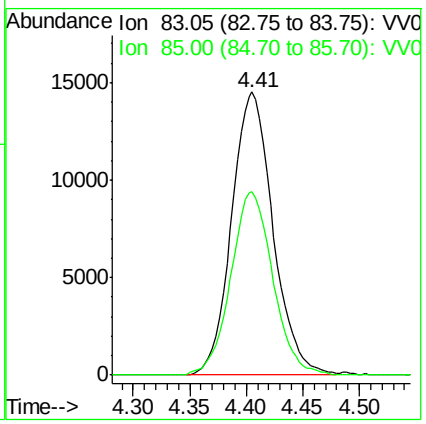


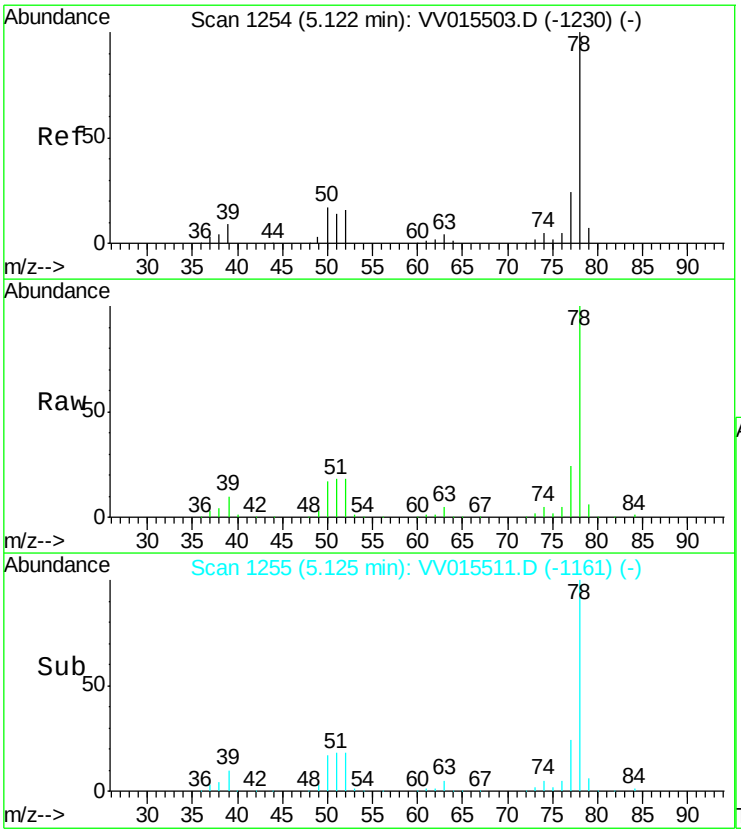
#25
Chloroform
Concen: 2.495 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Instrument :
MSVOA_V
ClientSampleId :
YAQ79MSD

Tgt Ion: 83 Resp: 36909

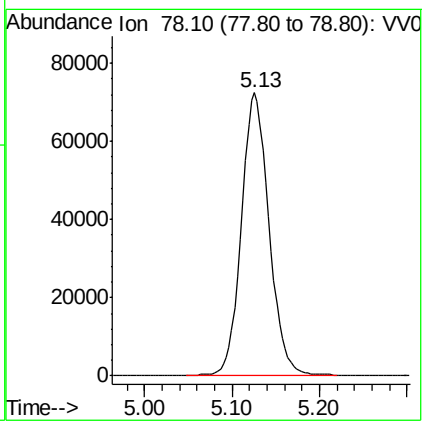
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.9	85.3

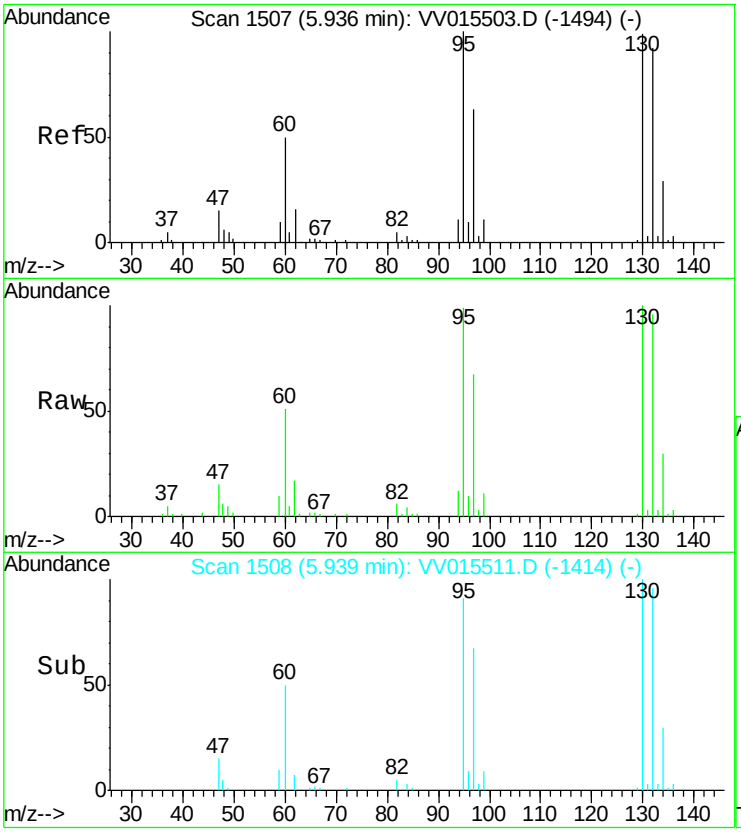




#33
Benzene
Concen: 5.262 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Tgt Ion: 78 Resp: 159506



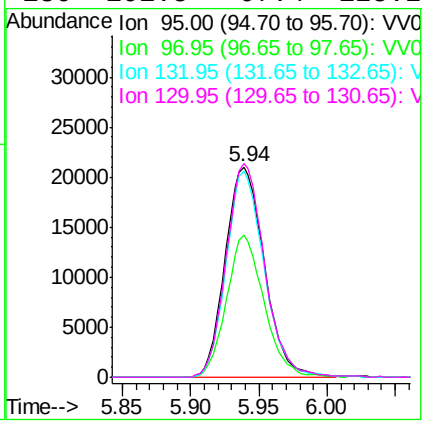


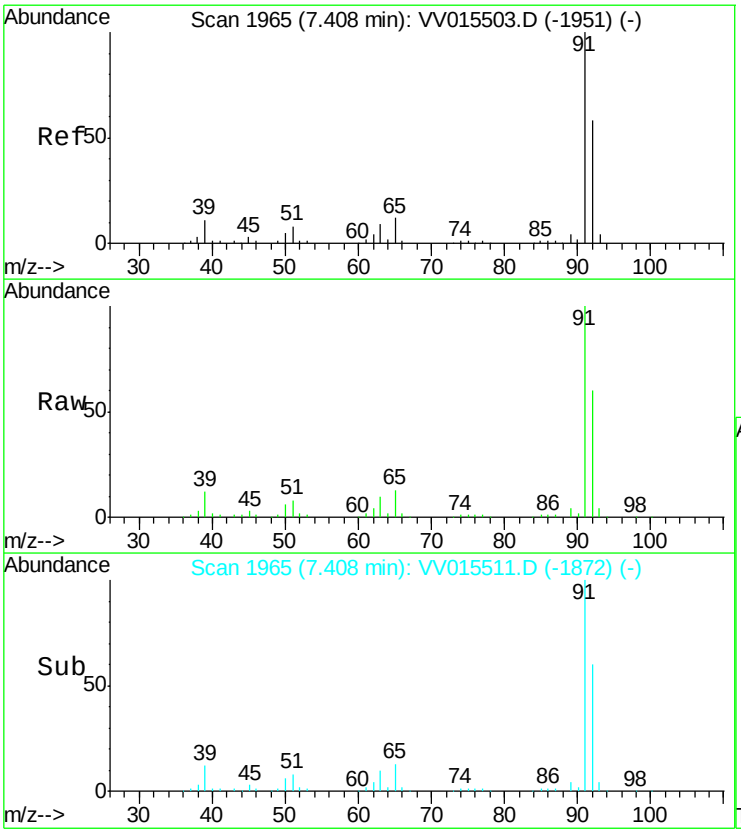
#34
Trichloroethene
Concen: 5.147 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Instrument :
MSVOA_V
ClientSampleId :
YAQ79MSD

Tgt Ion: 95 Resp: 41997

Ion	Ratio	Lower	Upper
95	100		
97	67.8	45.4	84.4
132	97.7	64.8	120.4
130	101.5	67.4	125.2

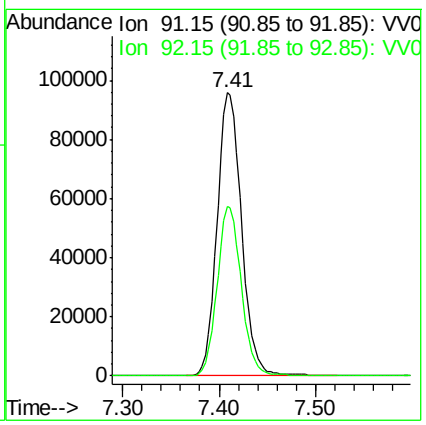


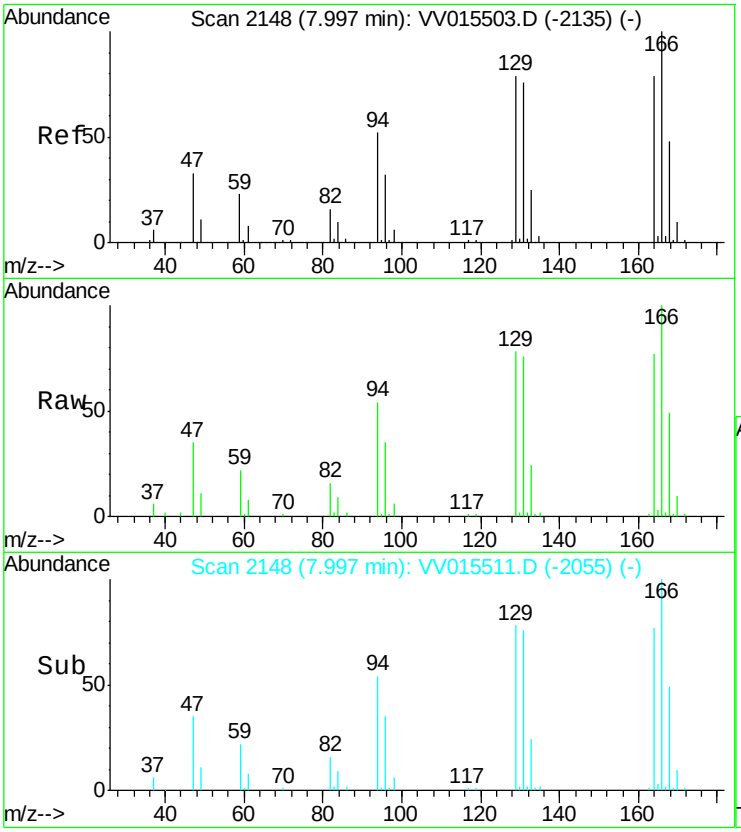


#42
Toluene
Concen: 5.112 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Tgt Ion: 91 Resp: 168252

Ion	Ratio	Lower	Upper
91	100		
92	59.9	40.2	74.6



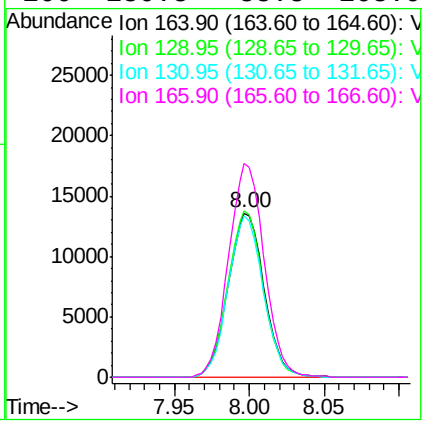


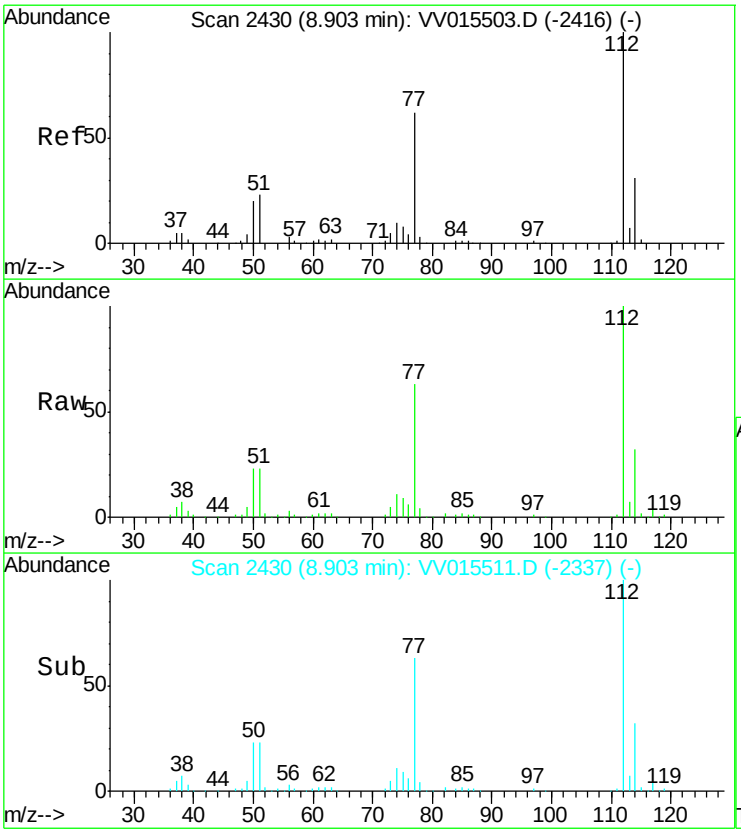
#47
Tetrachloroethene
Concen: 3.770 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Instrument :
MSVOA_V
ClientSampleId :
YAQ79MSD

Tgt Ion:164 Resp: 22787

Ion	Ratio	Lower	Upper
164	100		
129	101.6	70.6	131.0
131	98.4	68.3	126.8
166	130.3	88.3	163.9





#51
Chlorobenzene
Concen: 5.157 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015511.D
Acq: 15 Apr 2020 15:59

Tgt Ion:112 Resp: 108181

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.9	42.5
77	62.6	49.8	74.8