Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041520\
Data File : VV015521.D
Acq On : 15 Apr 2020 20:15
Operator : SY/MD
Sample : L2274-22MS
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : YAQB5MS

Quant Time: Apr 16 03:03:32 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	105874	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	99818	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49087	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	27706	5.04	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.80%			
7) Chloroethane-d5	1.58	69	25855	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.12	63	59268	5.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 102.40%			
20) 2-Butanone-d5	3.92	46	76818	49.80	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.60%			
24) Chloroform-d	4.38	84	56773	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.40%			
26) 1,2-Dichloroethane-d4	5.06	65	32203	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.20%			
32) Benzene-d6	5.08	84	114039	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
36) 1,2-Dichloropropane-d6	6.09	67	35767	5.19	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.80%			
41) Toluene-d8	7.34	98	103320	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
43) trans-1,3-Dichloropropene-	7.65	79	13766	4.59	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.80%			
46) 2-Hexanone-d5	8.11	63	59596	41.20	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.40%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23147	4.23	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.60%			
64) 1,2-Dichlorobenzene-d4	11.65	152	38153	4.84	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.13	96	32678	4.917	ug/L	95
13) Acetone	2.20	43	7639	7.010	ug/L #	59
33) Benzene	5.13	78	155075	5.191	ug/L	100
34) Trichloroethene	5.94	95	41703	5.186	ug/L	99
42) Toluene	7.41	91	163848	5.052	ug/L	100
47) Tetrachloroethene	8.00	164	10376	1.742	ug/L	96
51) Chlorobenzene	8.90	112	105315	5.094	ug/L	99

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

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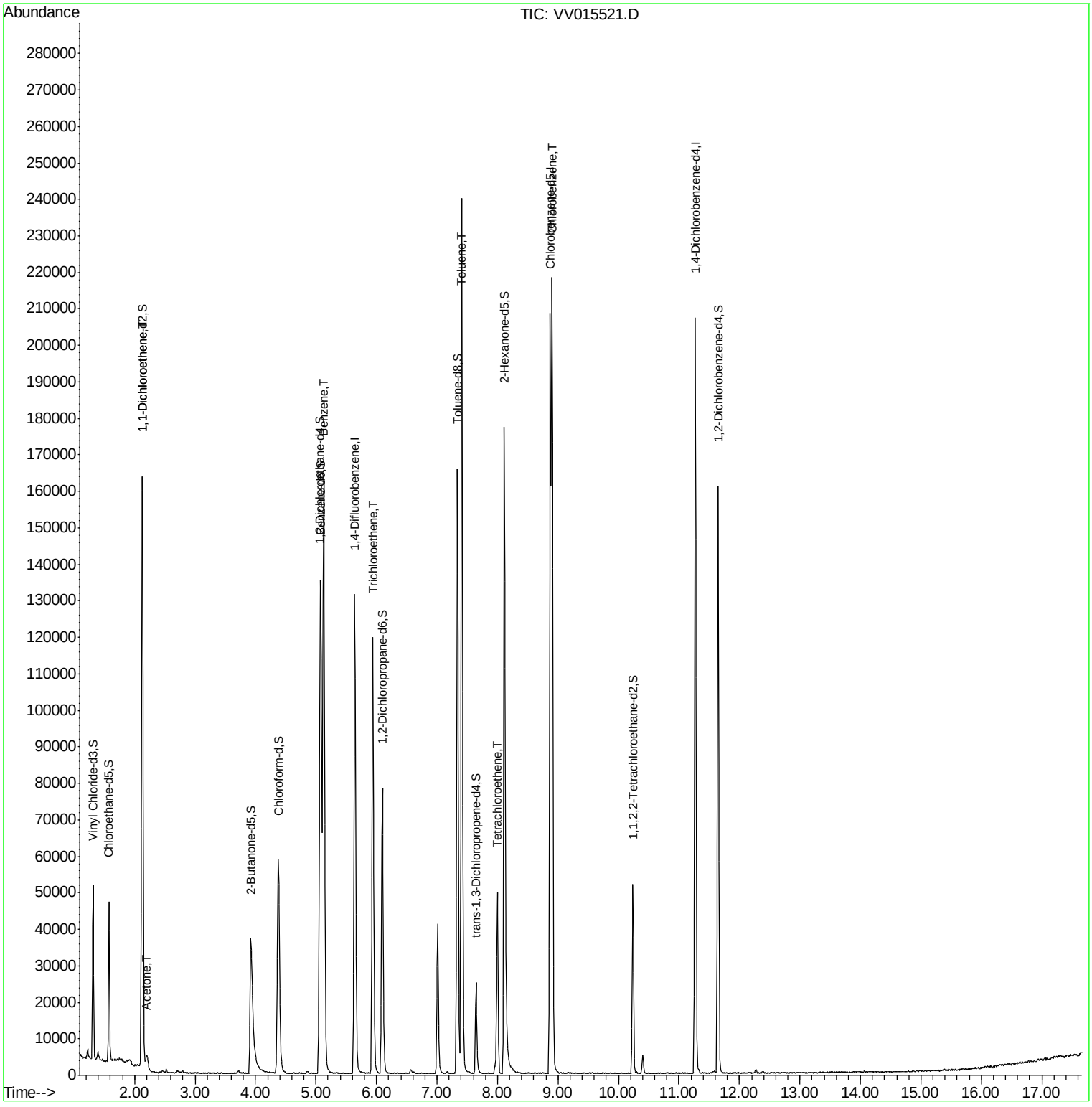
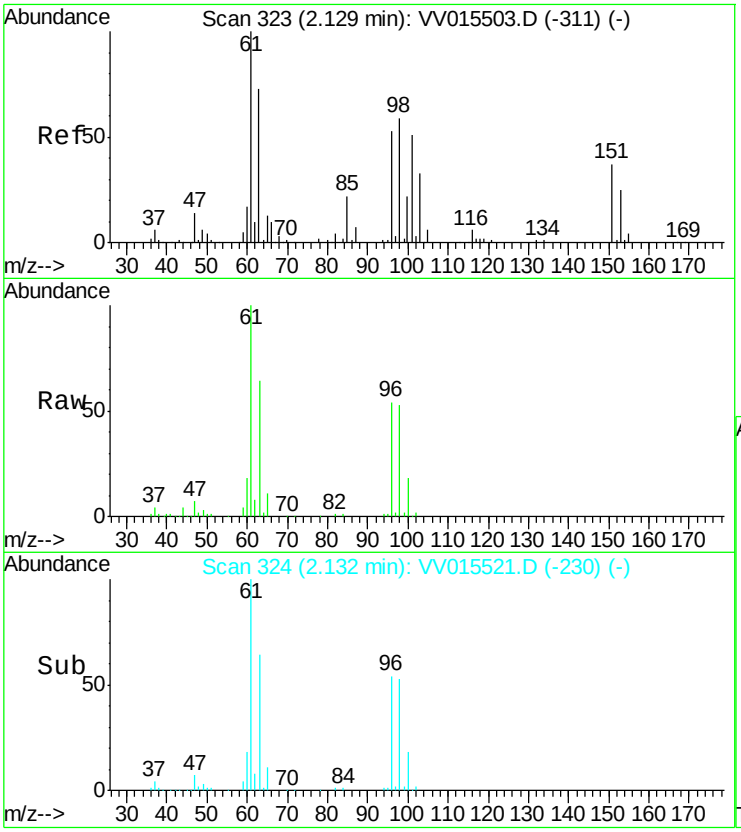


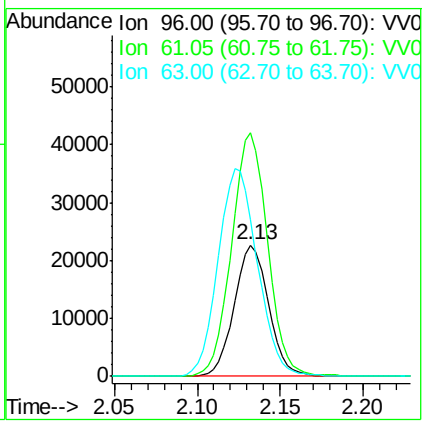


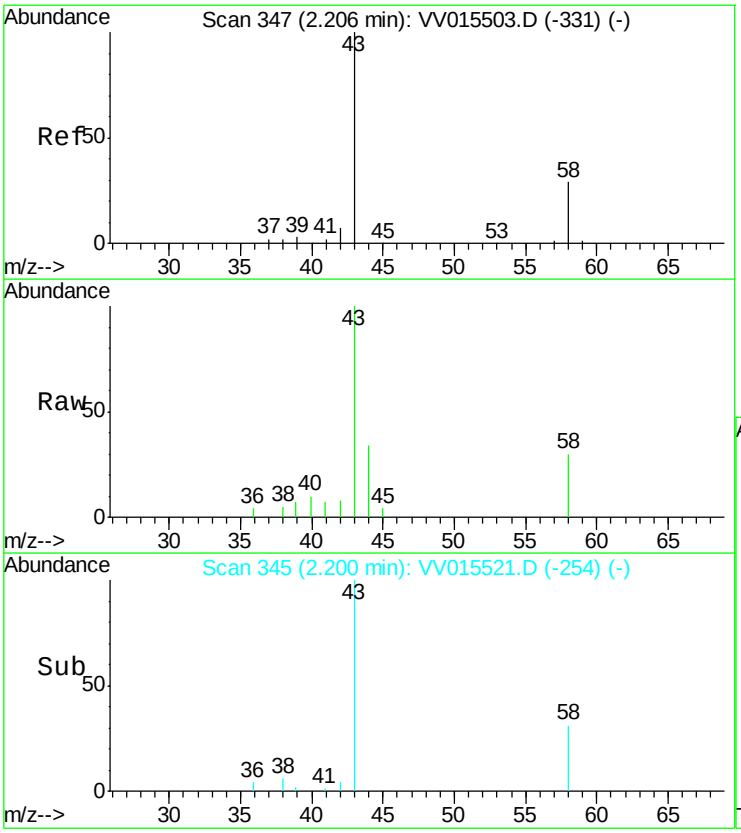
#12
1,1-Dichloroethene
Concen: 4.917 ug/L
RT: 2.13 min Scan# 324
Delta R.T. 0.00 min
Lab File: VV015521.D
Acq: 15 Apr 2020 20:15

Instrument : MSVOA_V
ClientSampleId : YAQB5MS

Tgt Ion: 96 Resp: 32678

Ion	Ratio	Lower	Upper
96	100		
61	185.3	127.7	237.1
63	118.8	75.1	139.5

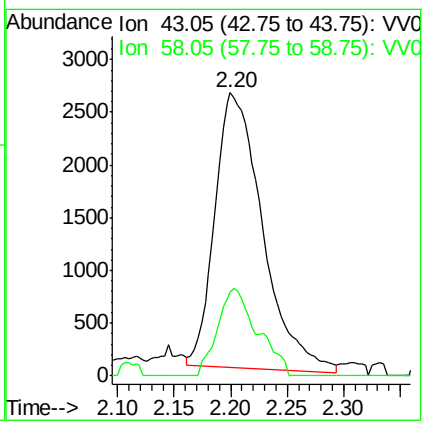


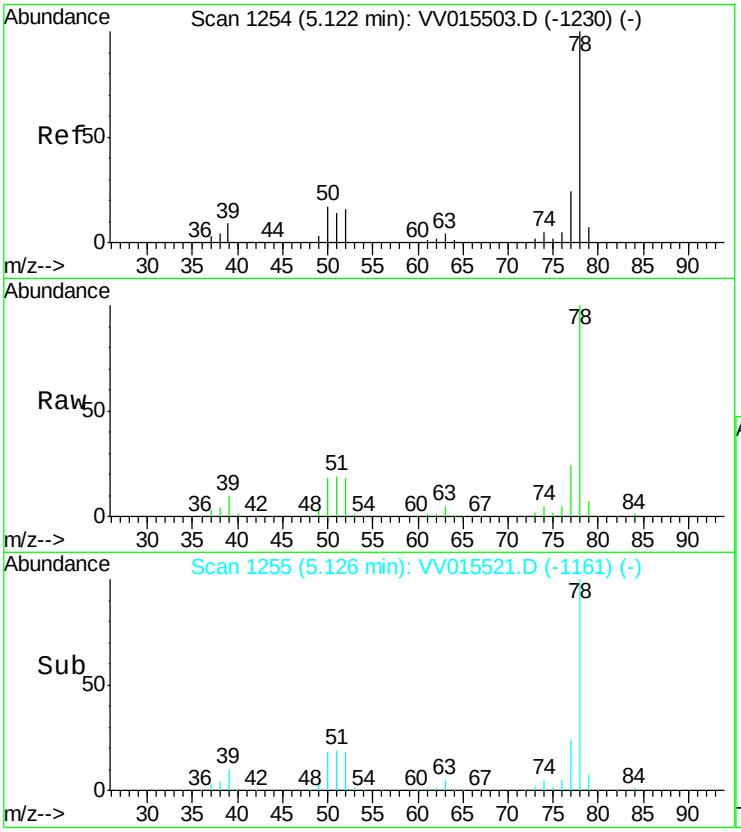


#13
Acetone
Concen: 7.010 ug/L
RT: 2.20 min Scan# 345
Delta R.T. -0.01 min
Lab File: VV015521.D
Acq: 15 Apr 2020 20:15

Tgt Ion: 43 Resp: 7639

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	22.2#

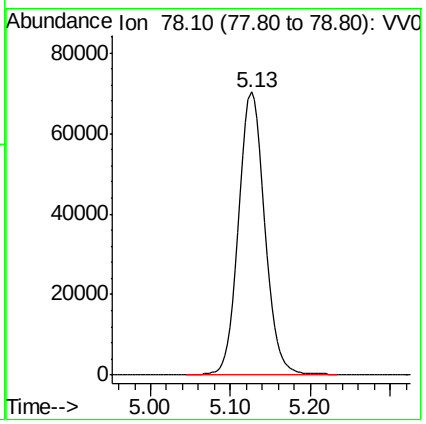


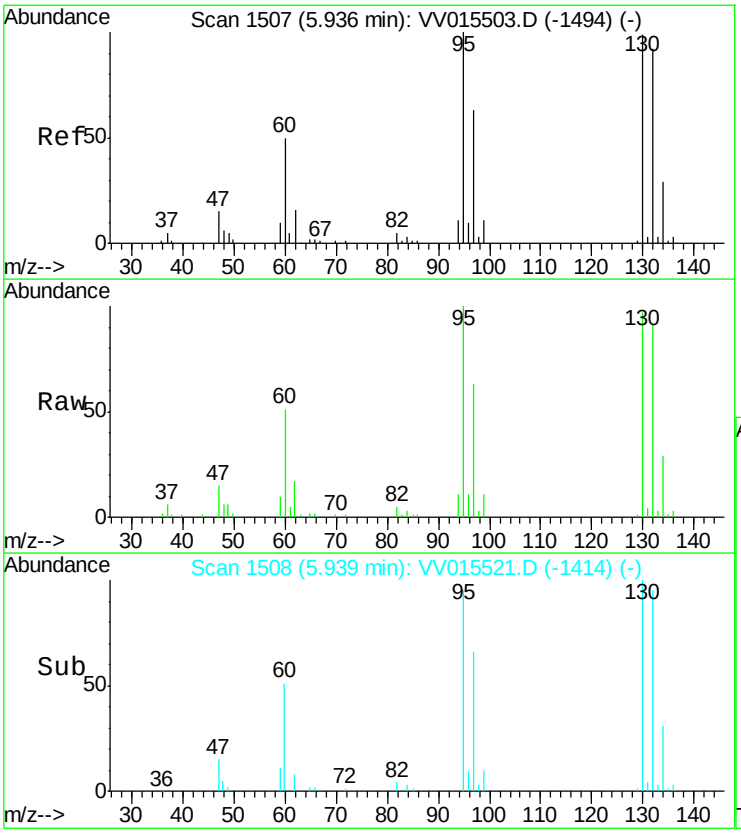


#33
Benzene
Concen: 5.191 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015521.D
Acq: 15 Apr 2020 20:15

Instrument :
MSVOA_V
ClientSampleId :
YAQB5MS

Tgt Ion: 78 Resp: 155075

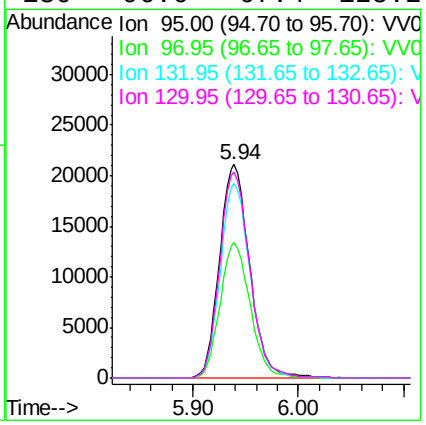


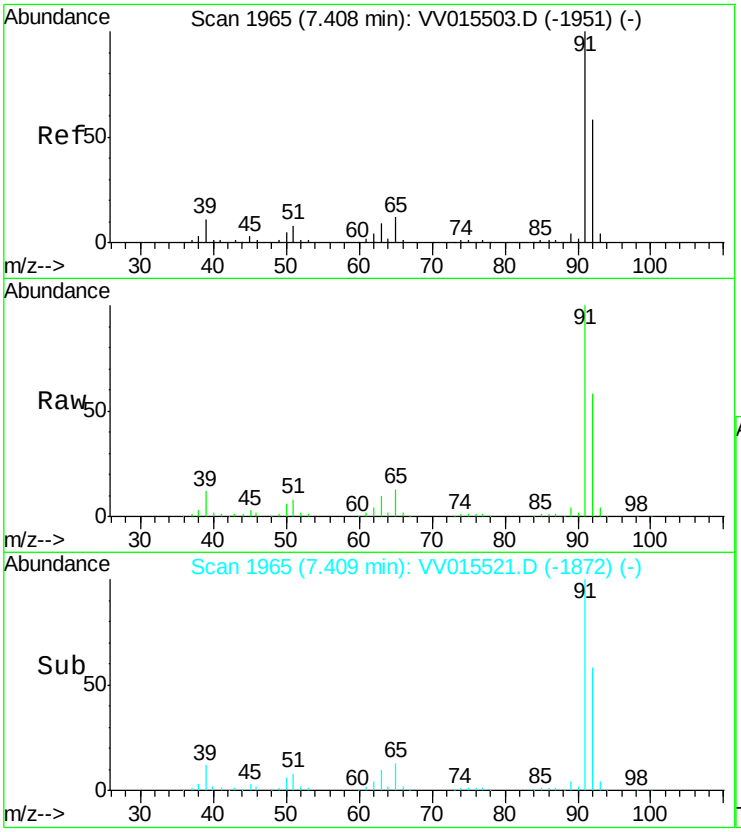


#34
Trichloroethene
Concen: 5.186 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV015521.D
Acq: 15 Apr 2020 20:15

Tgt Ion: 95 Resp: 41703

Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.4	84.4
132	91.4	64.8	120.4
130	96.6	67.4	125.2



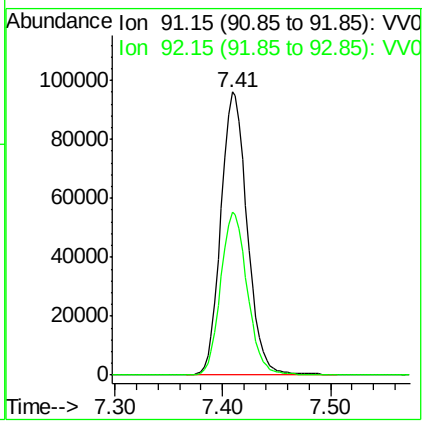


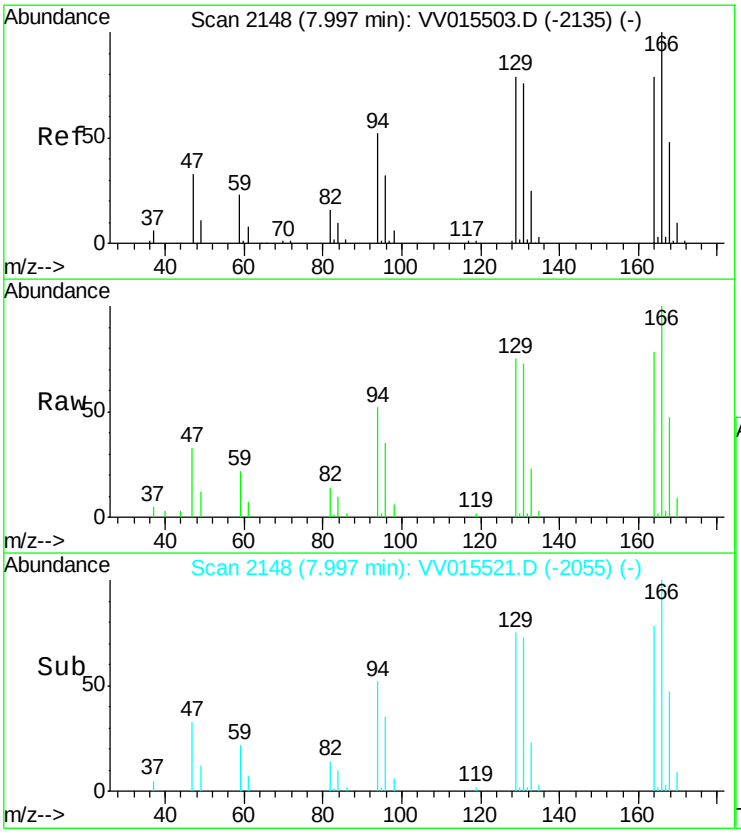
#42
Toluene
Concen: 5.052 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV015521.D
Acq: 15 Apr 2020 20:15

Instrument : MSVOA_V
ClientSampleId : YAQB5MS

Tgt Ion: 91 Resp: 163848

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.2	74.6

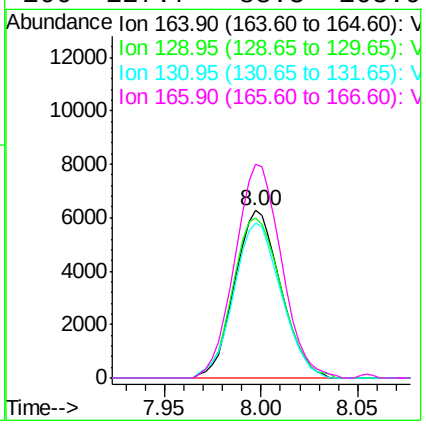


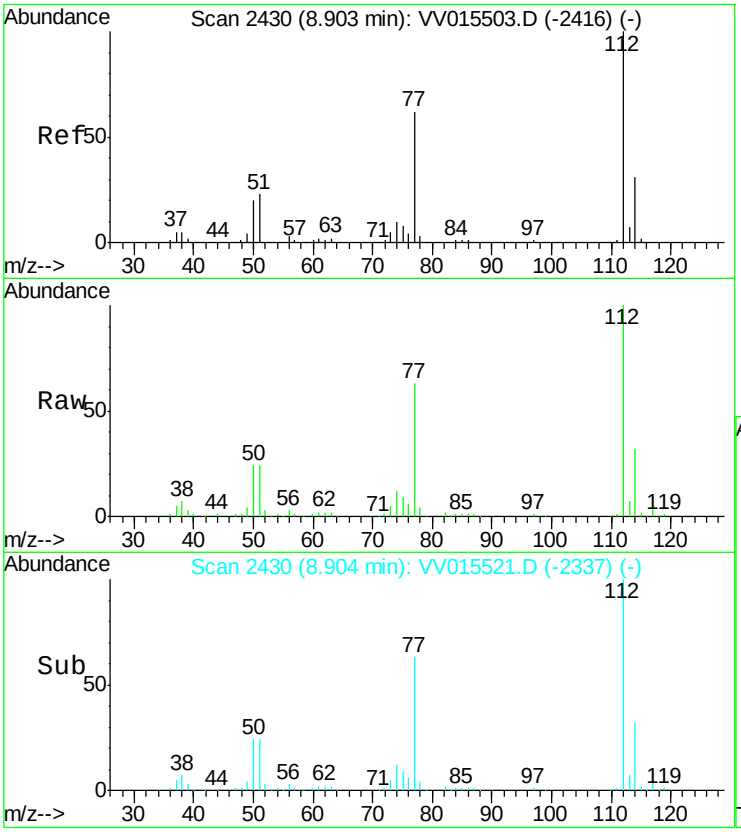


#47
Tetrachloroethene
Concen: 1.742 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015521.D
Acq: 15 Apr 2020 20:15

Tgt Ion:164 Resp: 10376

Ion	Ratio	Lower	Upper
164	100		
129	95.6	70.6	131.0
131	92.7	68.3	126.8
166	127.7	88.3	163.9





#51
Chlorobenzene
Concen: 5.094 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV015521.D
Acq: 15 Apr 2020 20:15

Instrument :
MSVOA_V
ClientSampleId :
YAQB5MS

Tgt Ion:112 Resp: 105315

Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.9	42.5
77	62.9	49.8	74.8