Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV090219\
Data File : VV012531.D
Acq On : 02 Sep 2019 16:10
Operator : SY/MD
Sample : K4607-07 50X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFD63

Quant Time: Sep 03 06:42:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 03 05:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141343	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142352	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67044	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66227	4.82	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.40%			
7) Chloroethane-d5	1.59	69	68376	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.80%			
11) 1,1-Dichloroethene-d2	2.13	63	114691	3.42	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.40%			
20) 2-Butanone-d5	3.93	46	133134	50.89	ug/L	-0.04
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.78%			
24) Chloroform-d	4.40	84	107162	5.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.40%			
26) 1,2-Dichloroethane-d4	5.08	65	59073	5.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.00%			
32) Benzene-d6	5.10	84	206268	5.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 102.80%			
36) 1,2-Dichloropropane-d6	6.12	67	67157	5.33	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 106.60%			
41) Toluene-d8	7.36	98	170164	4.69	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.80%			
43) trans-1,3-Dichloropropene-	7.67	79	20423	4.43	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.60%			
46) 2-Hexanone-d5	8.13	63	78714	45.66	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.32%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44929	5.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.80%			
64) 1,2-Dichlorobenzene-d4	11.67	152	71754	5.83	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.60%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.96	96	62711	4.151	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	2530	0.107	ug/L #	78
34) Trichloroethene	5.96	95	192620	11.894	ug/L	98
47) Tetrachloroethene	8.02	164	3125	0.267	ug/L	93
53) m,p-xylene	9.18	106	2815	0.112	ug/L	86
54) o-xylene	9.59	106	5561	0.234	ug/L	66

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

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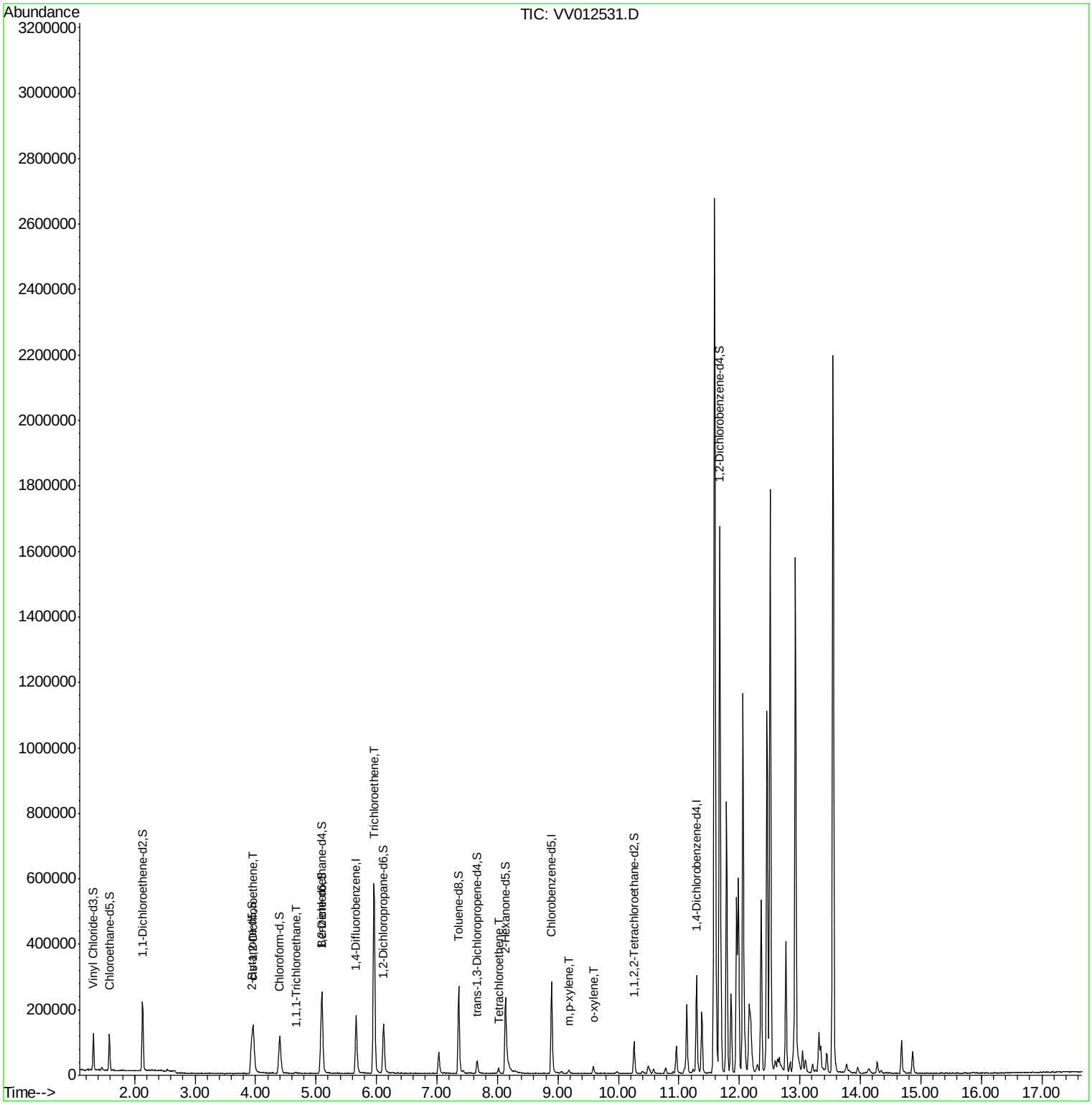
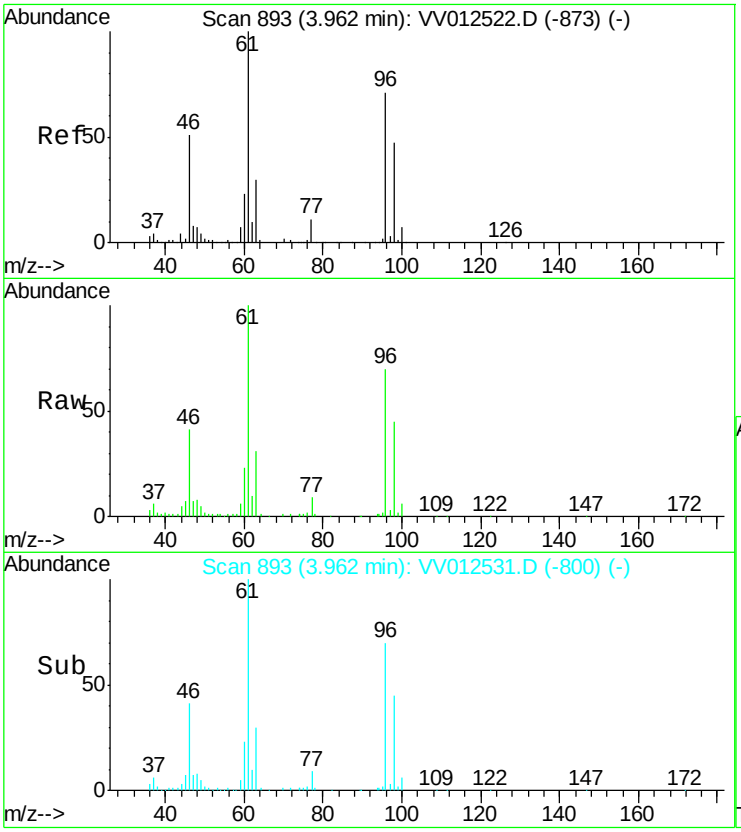


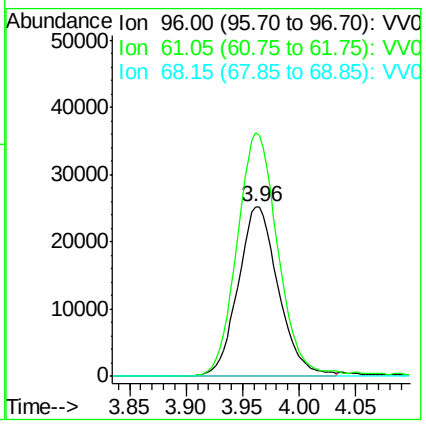


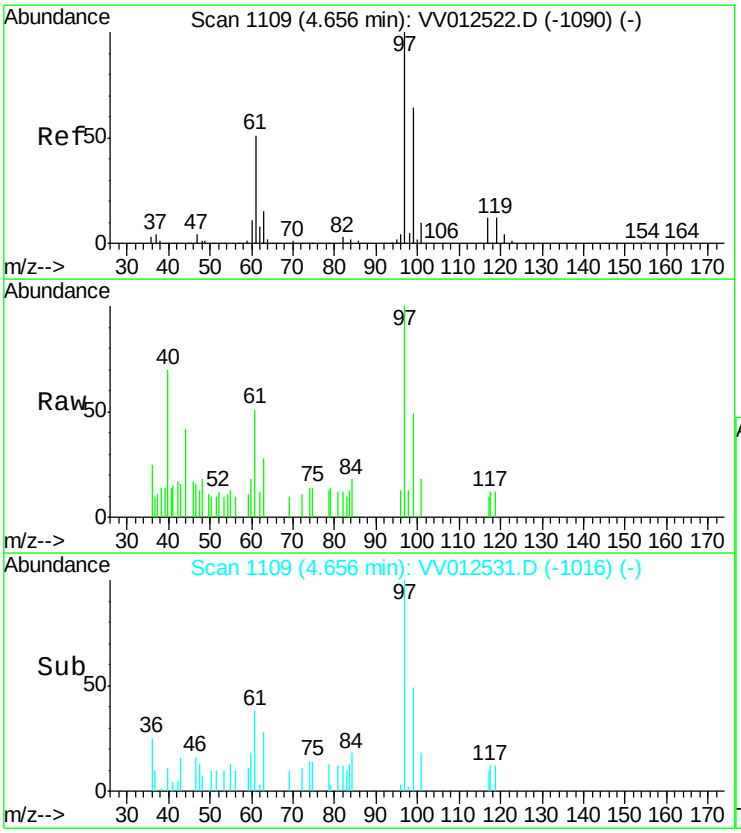
#22
cis-1,2-Dichloroethene
Concen: 4.151 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV012531.D
Acq: 02 Sep 2019 16:10

Instrument :
MSVOA_V
ClientSampleId :
BFD63

Tgt Ion: 96 Resp: 62711

Ion	Ratio	Lower	Upper
96	100		
61	143.3	97.5	181.1
68	0.0	0.0	0.0

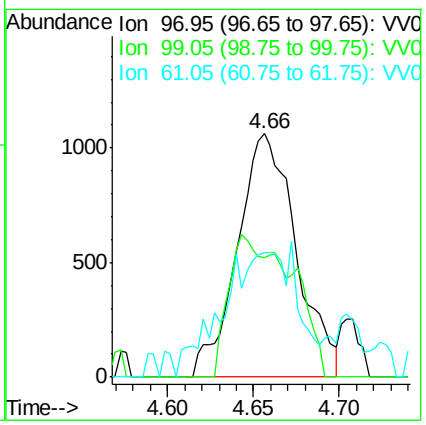


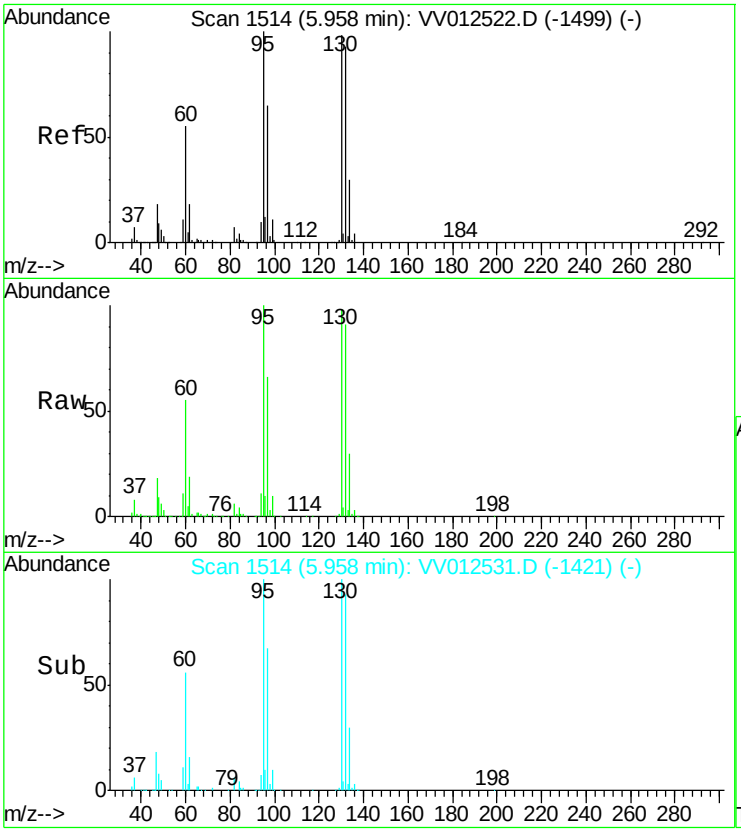


#29
1,1,1-Trichloroethane
Concen: 0.107 ug/L
RT: 4.66 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VV012531.D
Acq: 02 Sep 2019 16:10

Tgt Ion: 97 Resp: 2530

Ion	Ratio	Lower	Upper
97	100		
99	63.0	52.6	79.0
61	22.9	43.4	65.2#



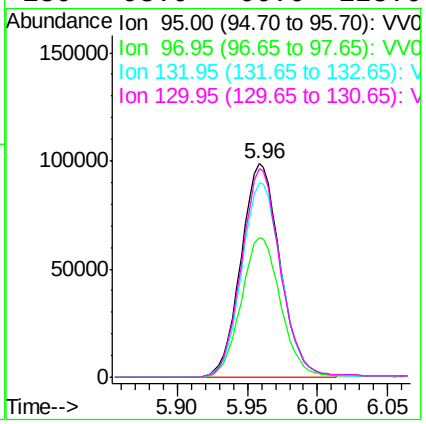


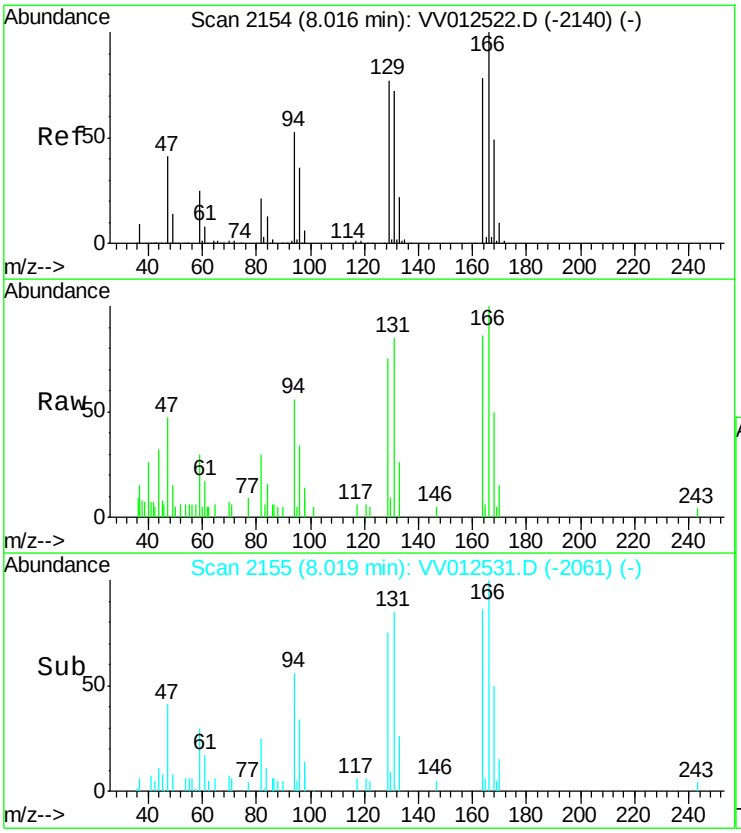
#34
Trichloroethene
Concen: 11.894 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012531.D
Acq: 02 Sep 2019 16:10

Instrument : MSVOA_V
ClientSampleId : BFD63

Tgt Ion: 95 Resp: 192620

Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.7	83.1
132	90.8	63.8	118.4
130	98.0	66.6	123.6

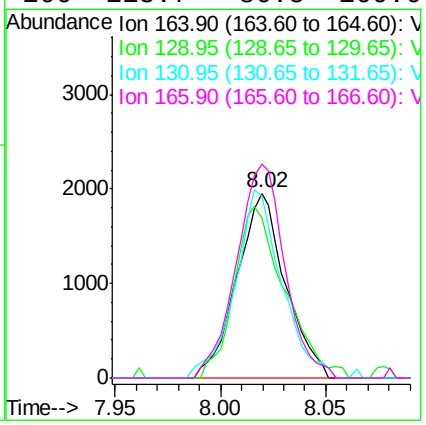


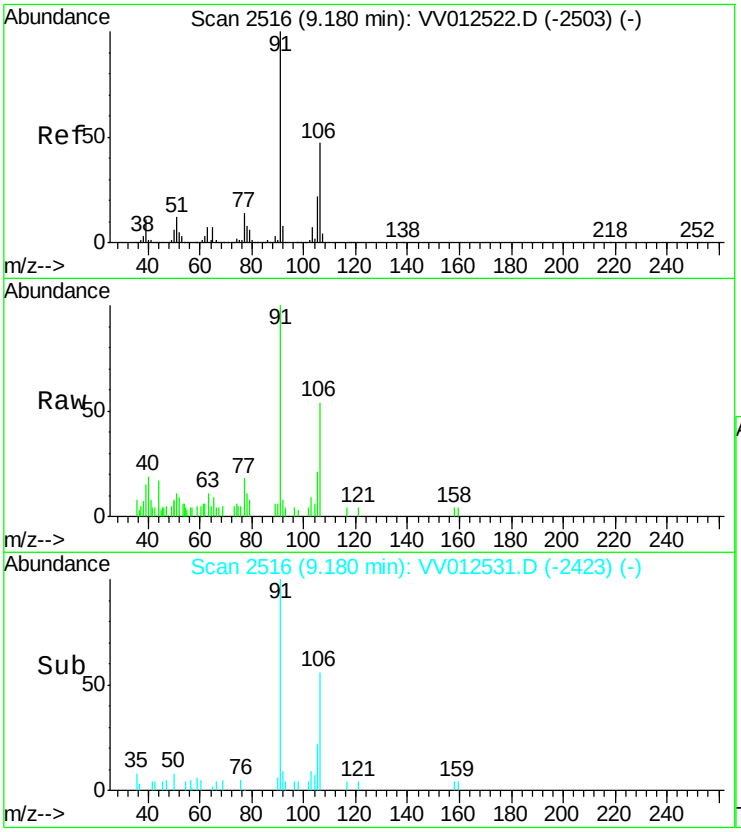


#47
Tetrachloroethene
Concen: 0.267 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV012531.D
Acq: 02 Sep 2019 16:10

Tgt Ion:164 Resp: 3125

Ion	Ratio	Lower	Upper
164	100		
129	86.9	64.5	119.9
131	98.4	62.3	115.7
166	115.7	86.5	160.6



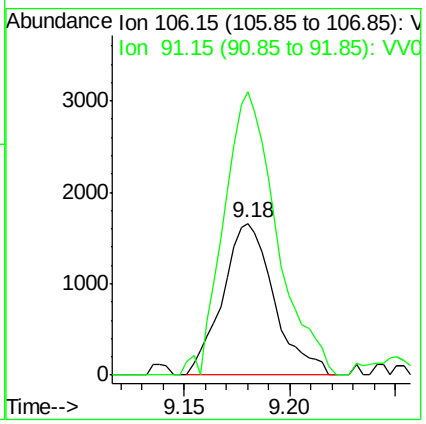


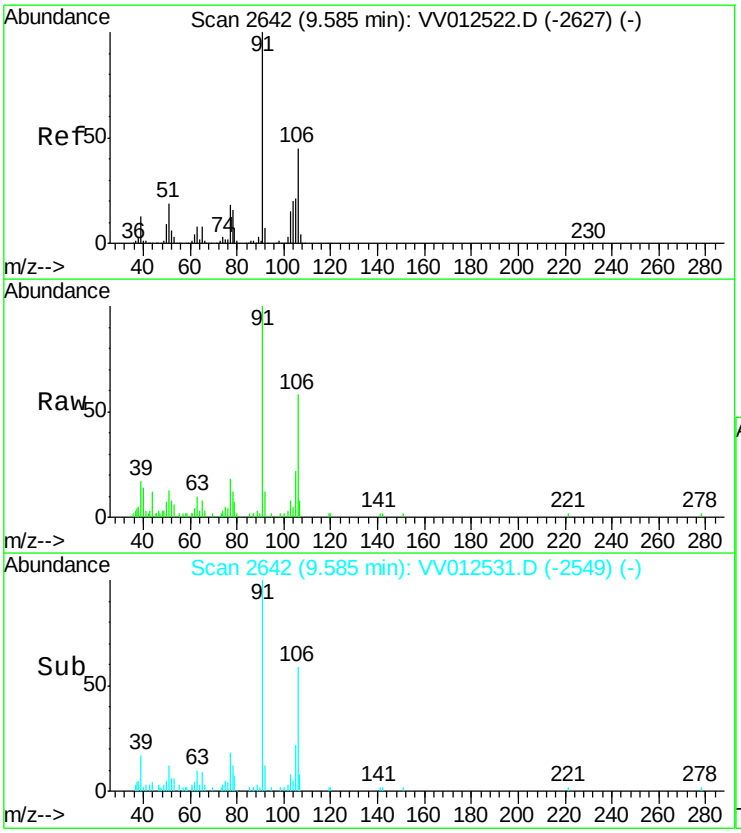
#53
m,p-xylene
Concen: 0.112 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV012531.D
Acq: 02 Sep 2019 16:10

Instrument : MSVOA_V
ClientSampleId : BFD63

Tgt Ion:106 Resp: 2815

Ion	Ratio	Lower	Upper
106	100		
91	186.7	145.8	270.8





#54
o-xylene
Concen: 0.234 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.00 min
Lab File: VV012531.D
Acq: 02 Sep 2019 16:10

Tgt Ion:106 Resp: 5561

Ion	Ratio	Lower	Upper
106	100		
91	171.6	159.5	296.3