Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101618\
Data File : VV008322.D
Acq On : 17 Oct 2018 03:40
Operator : SY/MD
Sample : J5463-09
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0JC0

Quant Time: Oct 17 07:15:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 05:02:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	82350	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	71749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28499	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	20988	4.51	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.20%			
7) Chloroethane-d5	1.58	69	17813	4.85	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.00%			
11) 1,1-Dichloroethene-d2	2.13	63	33931	3.80	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 76.00%			
20) 2-Butanone-d5	3.96	46	77300	49.52	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.04%			
24) Chloroform-d	4.41	84	45873	4.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.20%			
26) 1,2-Dichloroethane-d4	5.09	65	24549	4.65	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.00%			
32) Benzene-d6	5.10	84	99864	4.74	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.80%			
36) 1,2-Dichloropropane-d6	6.12	67	33049	4.77	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.40%			
41) Toluene-d8	7.36	98	86736	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	7.67	79	10727	3.73	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 74.60%			
46) 2-Hexanone-d5	8.14	63	44705	44.32	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 88.64%			
57) 1,1,2,2-Tetrachloroethane-	10.27	84	20704	4.50	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.00%			
64) 1,2-Dichlorobenzene-d4	11.68	152	25340	4.68	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.60%			
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	3.97	96	36720	5.344	ug/L #	93
34) Trichloroethene	5.96	95	1728742	258.011	ug/L	98
42) Toluene	7.44	91	10219	0.405	ug/L	99
47) Tetrachloroethene	8.02	164	2606	0.621	ug/L	89
48) 2-Hexanone	8.19	43	18109	6.201	ug/L #	89
52) Ethylbenzene	9.06	91	2425	0.088	ug/L	93
53) m,p-xylene	9.19	106	2612	0.261	ug/L	91
54) o-xylene	9.59	106	1499	0.150	ug/L	96

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

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Quant Title : TRACE VOA SOM01.0
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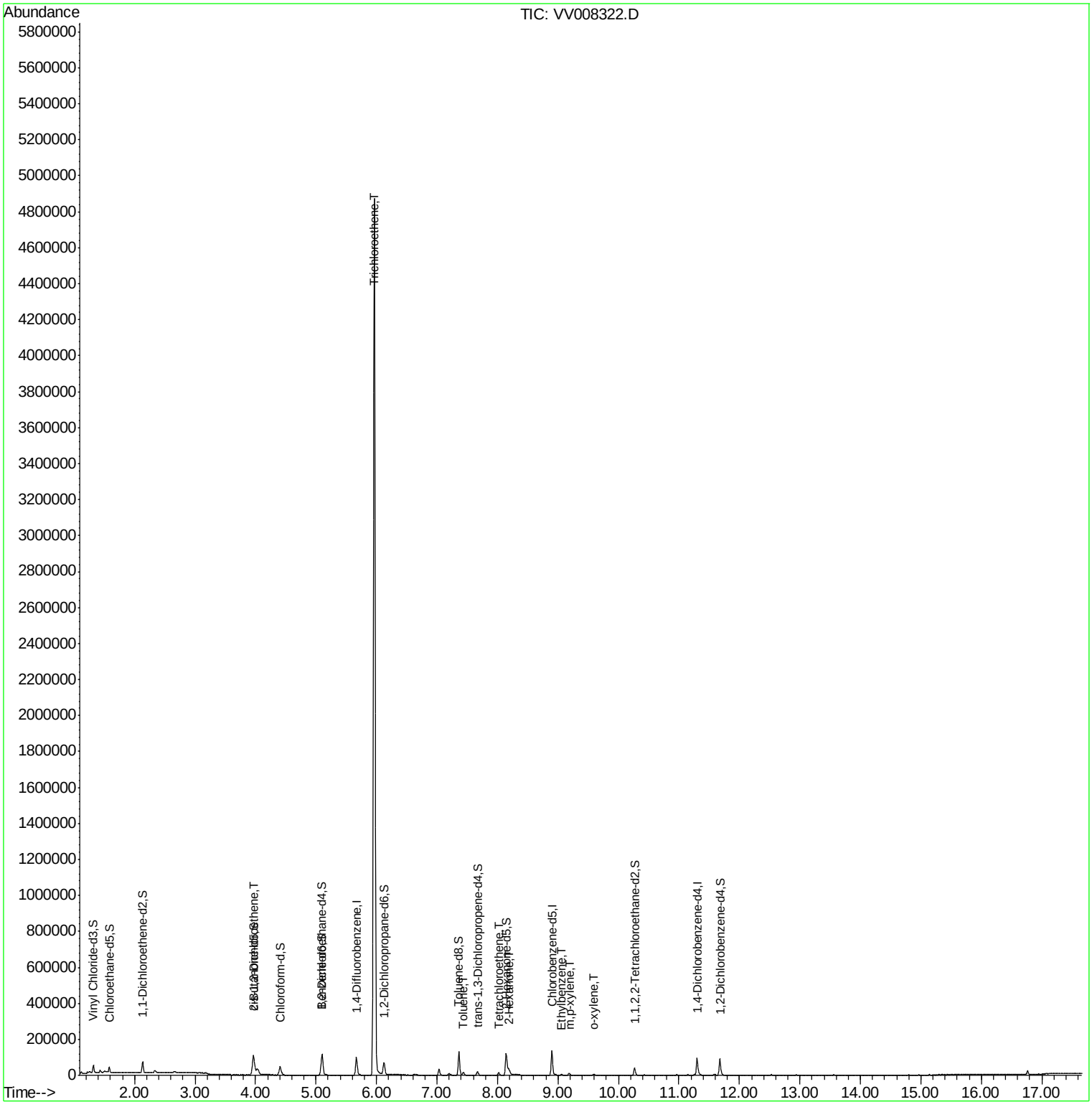
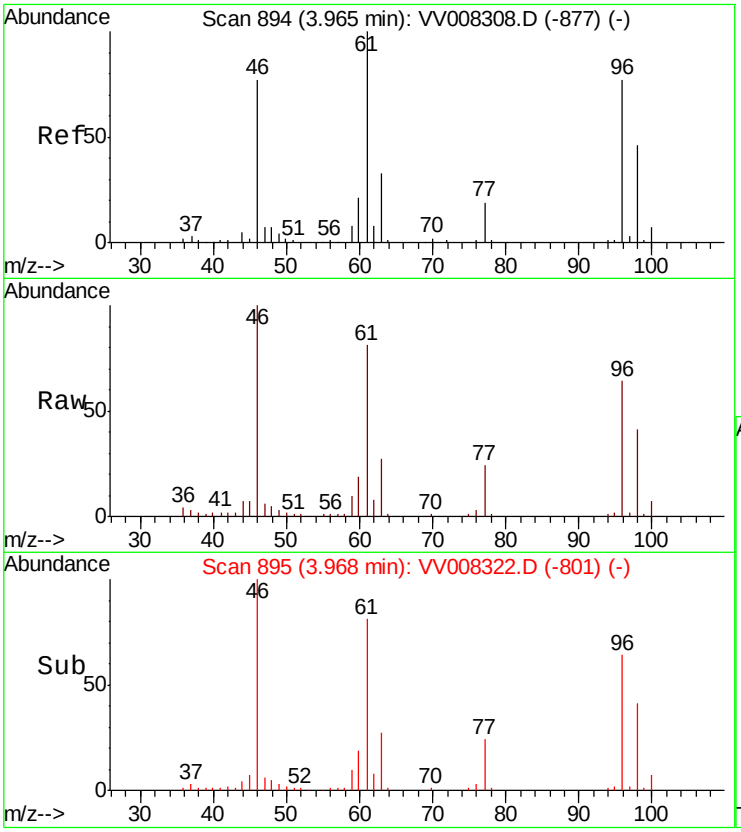


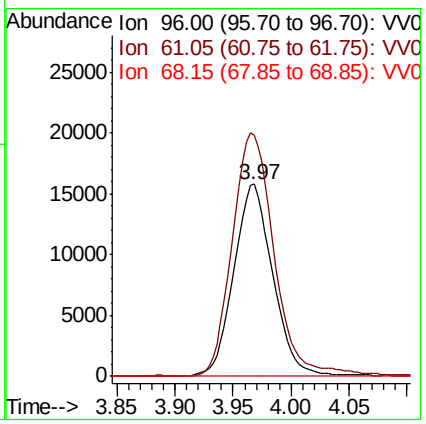


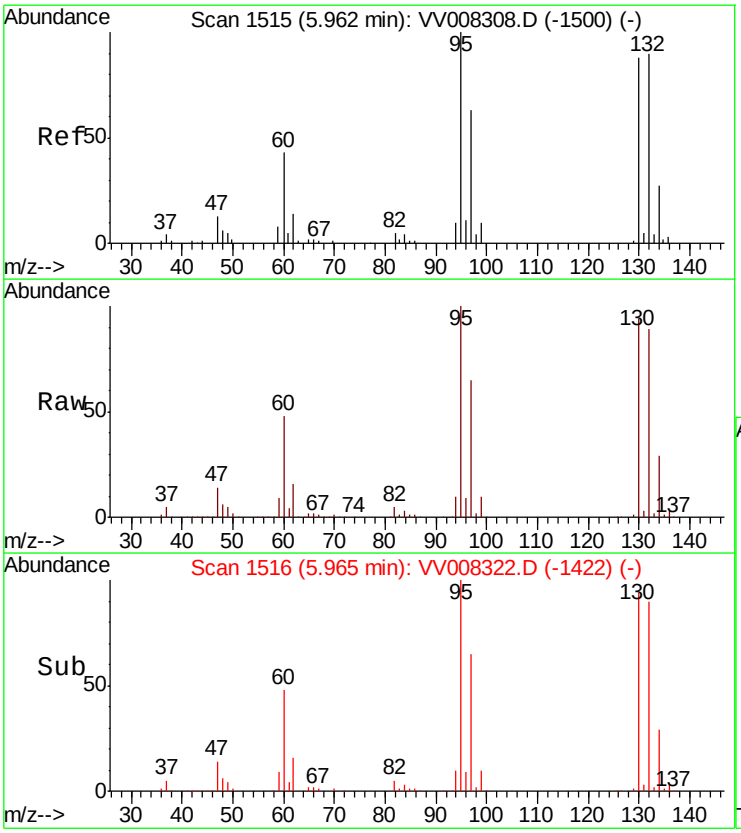
#22
cis-1,2-Dichloroethene
Concen: 5.344 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Instrument :
MSVOA_V
ClientSampleId :
C0JC0

Tgt Ion: 96 Resp: 36720

Ion	Ratio	Lower	Upper
96	100		
61	125.6	93.7	174.1
68	0.0	0.6	1.2#

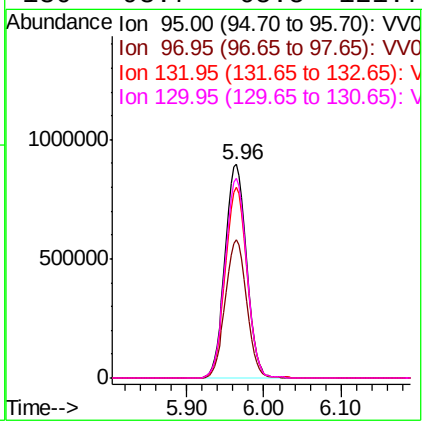


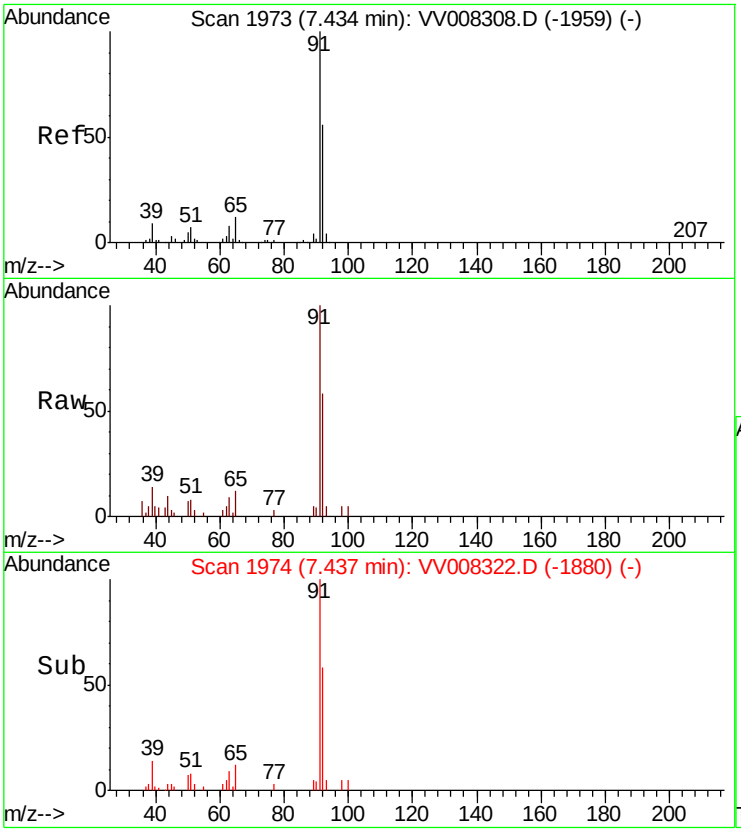


#34
Trichloroethene
Concen: 258.011 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Tgt Ion: 95 Resp: 1728742

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.4	82.4
132	89.4	60.4	112.2
130	93.7	65.5	121.7



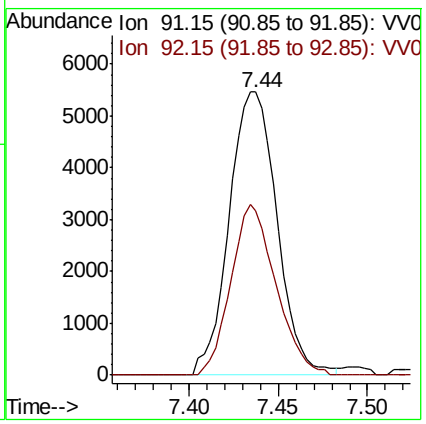


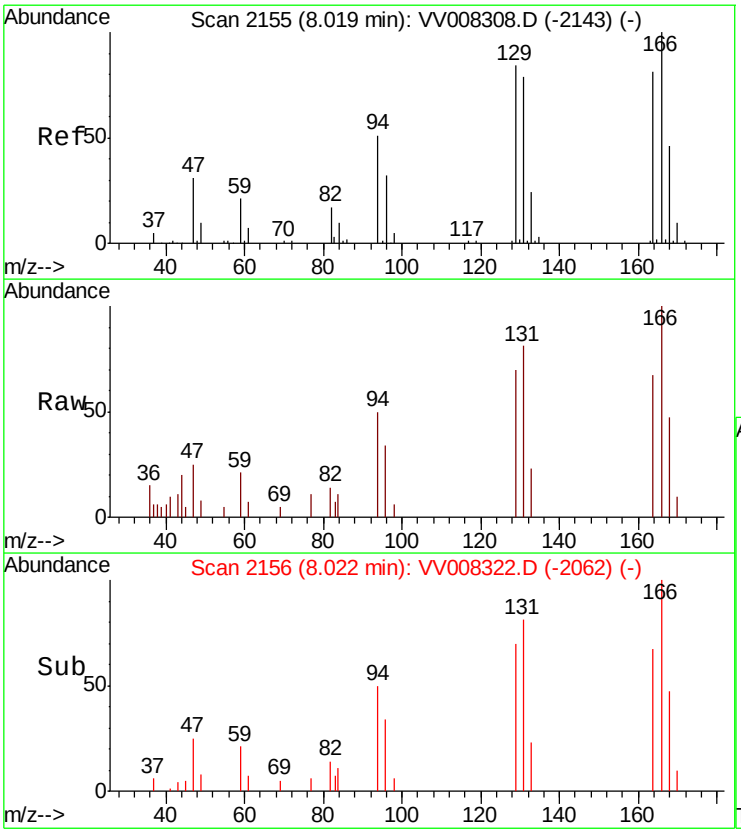
#42
Toluene
Concen: 0.405 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Instrument : MSVOA_V
ClientSampleId : C0JC0

Tgt Ion: 91 Resp: 10219

Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.1	74.5

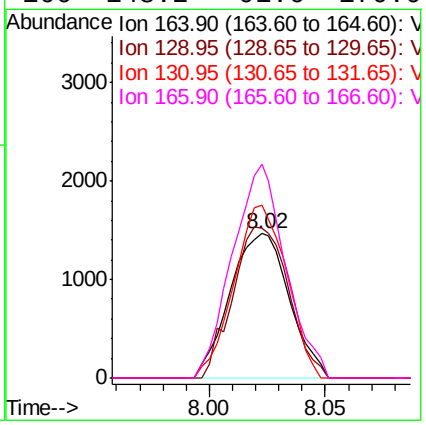


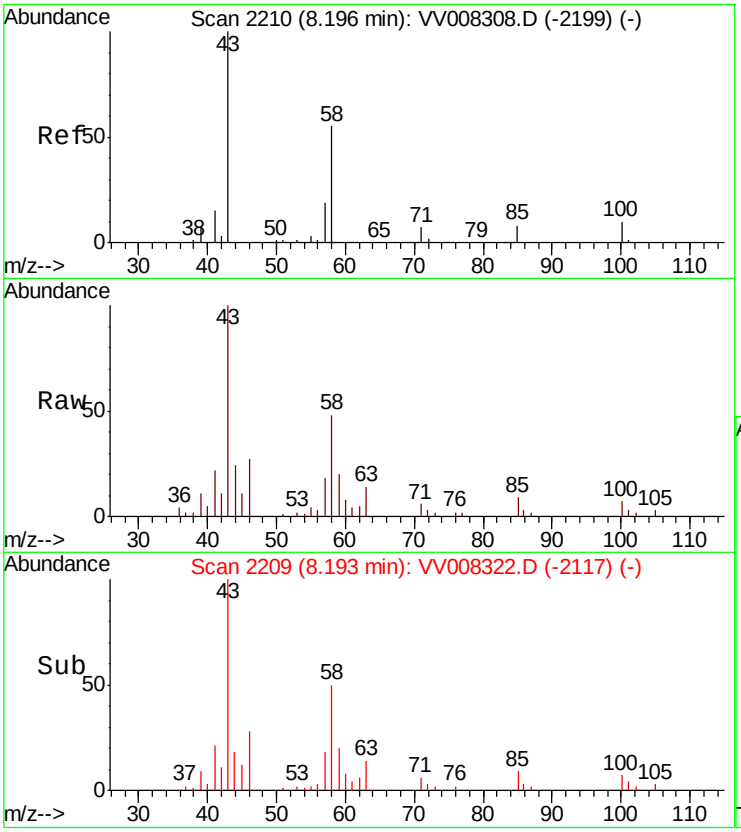


#47
Tetrachloroethene
Concen: 0.621 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Tgt Ion:164 Resp: 2606

Ion	Ratio	Lower	Upper
164	100		
129	104.2	76.5	142.1
131	119.9	74.7	138.7
166	148.2	91.6	170.0



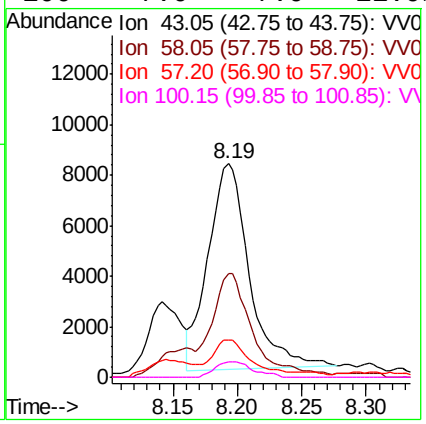


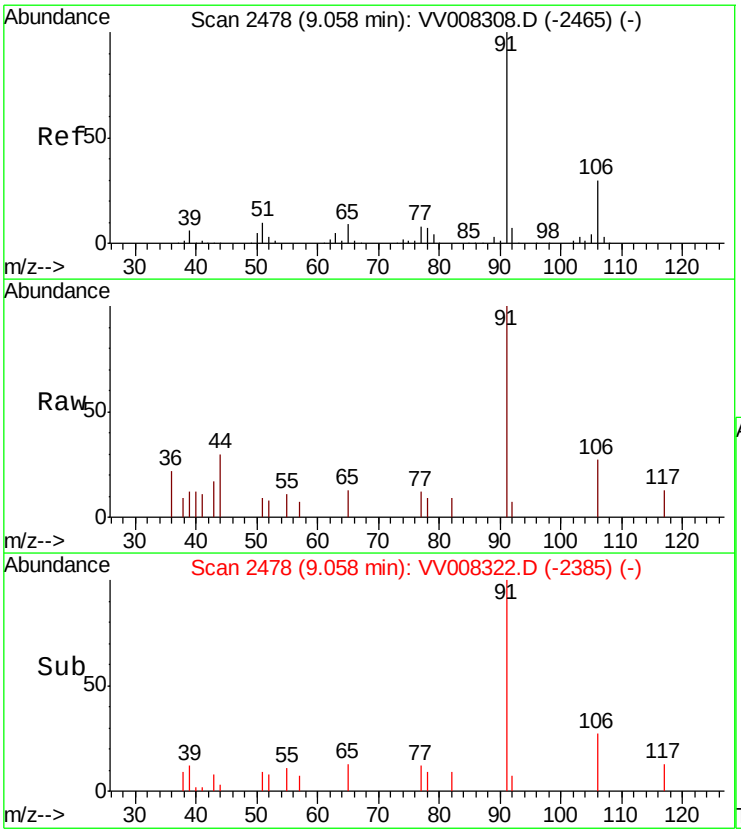
#48
2-Hexanone
Concen: 6.201 ug/L
RT: 8.19 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Instrument : MSVOA_V
ClientSampleId : C0JC0

Tgt Ion: 43 Resp: 18109

Ion	Ratio	Lower	Upper
43	100		
58	46.8	45.0	67.4
57	14.5	14.4	21.6
100	7.0	7.9	11.9#

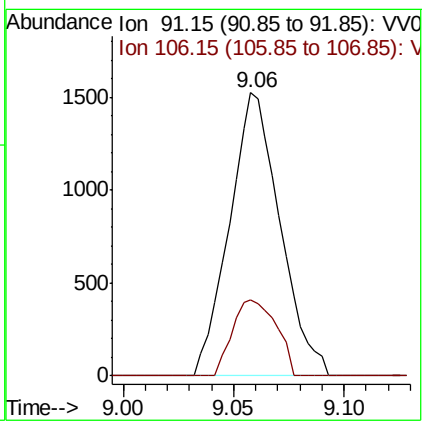


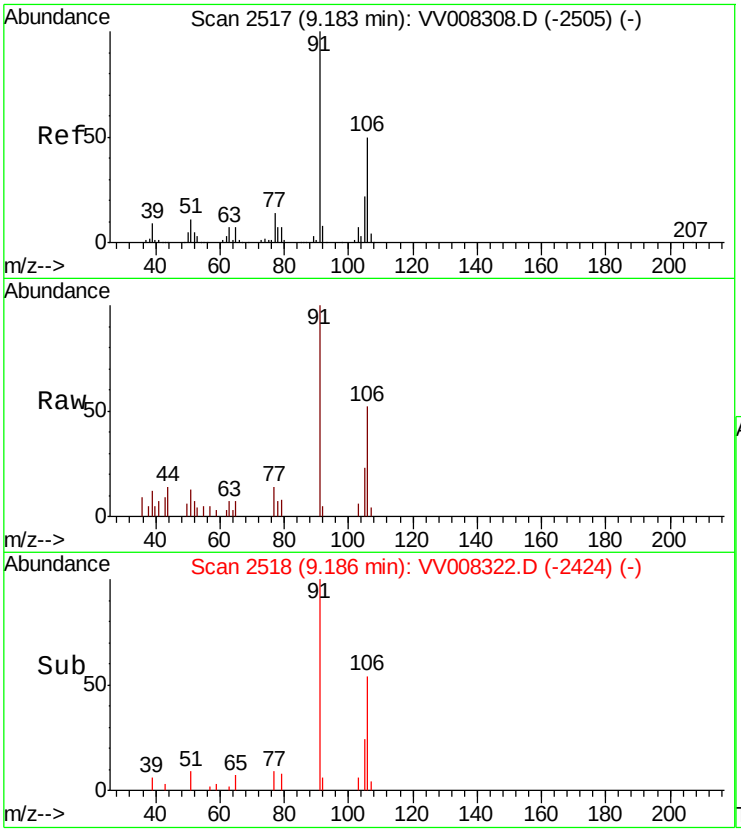


#52
Ethylbenzene
Concen: 0.088 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. -0.00 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Tgt Ion: 91 Resp: 2425

Ion	Ratio	Lower	Upper
91	100		
106	26.9	21.6	40.2



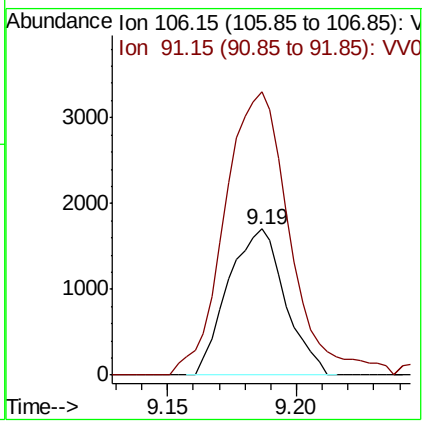


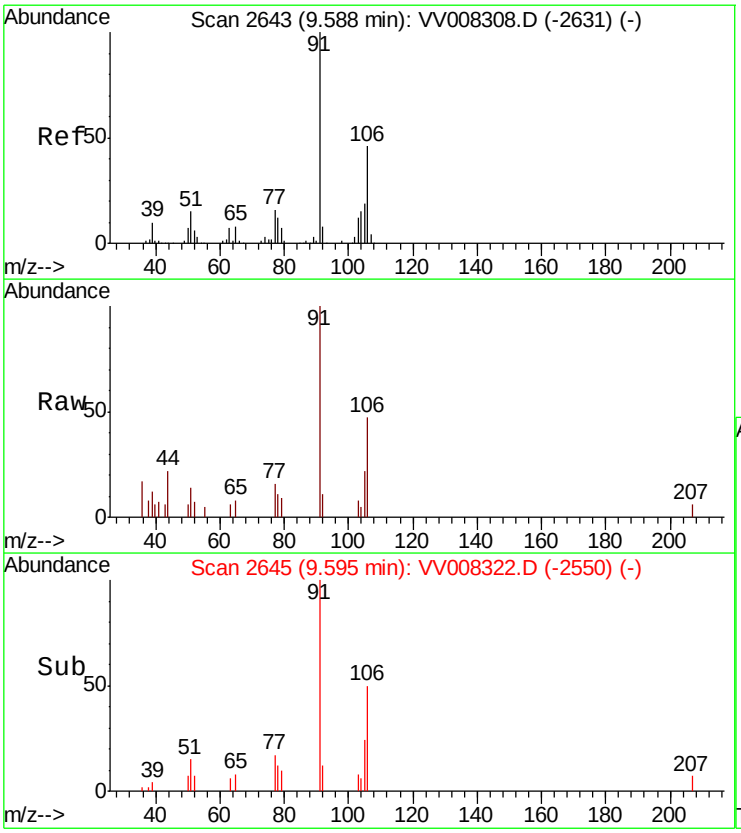
#53
m,p-xylene
Concen: 0.261 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Instrument : MSVOA_V
ClientSampleId : C0JC0

Tgt Ion:106 Resp: 2612

Ion	Ratio	Lower	Upper
106	100		
91	193.4	145.2	269.6





#54
o-xylene
Concen: 0.150 ug/L
RT: 9.59 min Scan# 2645
Delta R.T. 0.01 min
Lab File: VV008322.D
Acq: 17 Oct 2018 03:40

Tgt Ion:106 Resp: 1499

Ion	Ratio	Lower	Upper
106	100		
91	212.9	153.2	284.4