Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112018\
Data File : VV008685.D
Acq On : 20 Nov 2018 19:49
Operator : SY/MD
Sample : J5997-05MSD 50X
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E3YA3MSD

Manual Integrations APPROVED
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Quant Time: Nov 21 16:18:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 21 01:28:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	267984	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	246183	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110320	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	77856	41.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.36%			
7) Chloroethane-d5	1.57	69	37899	36.70	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.40%			
11) 1,1-Dichloroethene-d2	2.13	63	145707	46.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.40%			
21) 2-Butanone-d5	3.94	46	141431	91.78	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.78%			
24) Chloroform-d	4.41	84	165462	43.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.42%			
26) 1,2-Dichloroethane-d4	5.08	65	113701	46.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.84%			
32) Benzene-d6	5.10	84	355793	46.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.92%			
36) 1,2-Dichloropropane-d6	6.12	67	113394	47.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 94.74%			
41) Toluene-d8	7.36	98	319167	46.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.88%			
43) trans-1,3-Dichloropropene-	7.67	79	42271	39.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.96%			
47) 2-Hexanone-d5	8.14	63	97255	89.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.85%			
57) 1,1,2,2-Tetrachloroethane-	10.26	84	136463	41.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 83.60%			
64) 1,2-Dichlorobenzene-d4	11.68	152	111605	46.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.70%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.14	96	71001	52.183	ug/L	91
20) cis-1,2-Dichloroethene	3.97	96	6672	3.092	ug/L	76
29) Cyclohexane	4.73	56	6877	2.062	ug/L #	100
33) Benzene	5.15	78	410909	51.918	ug/L	100
34) Trichloroethene	5.96	95	102898	49.057	ug/L	91
35) Methylcyclohexane	6.18	83	48557	14.020	ug/L	96
42) Toluene	7.44	91	18954827m	2302.921	ug/L	
51) Chlorobenzene	8.93	112	266547	50.901	ug/L	93
52) Ethylbenzene	9.06	91	547949	60.677	ug/L	99
53) m,p-Xylene	9.18	106	637067	191.977	ug/L	91
54) o-xylene	9.59	106	198704	60.217	ug/L	93
56) Isopropylbenzene	9.98	105	15441	1.780	ug/L	96

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

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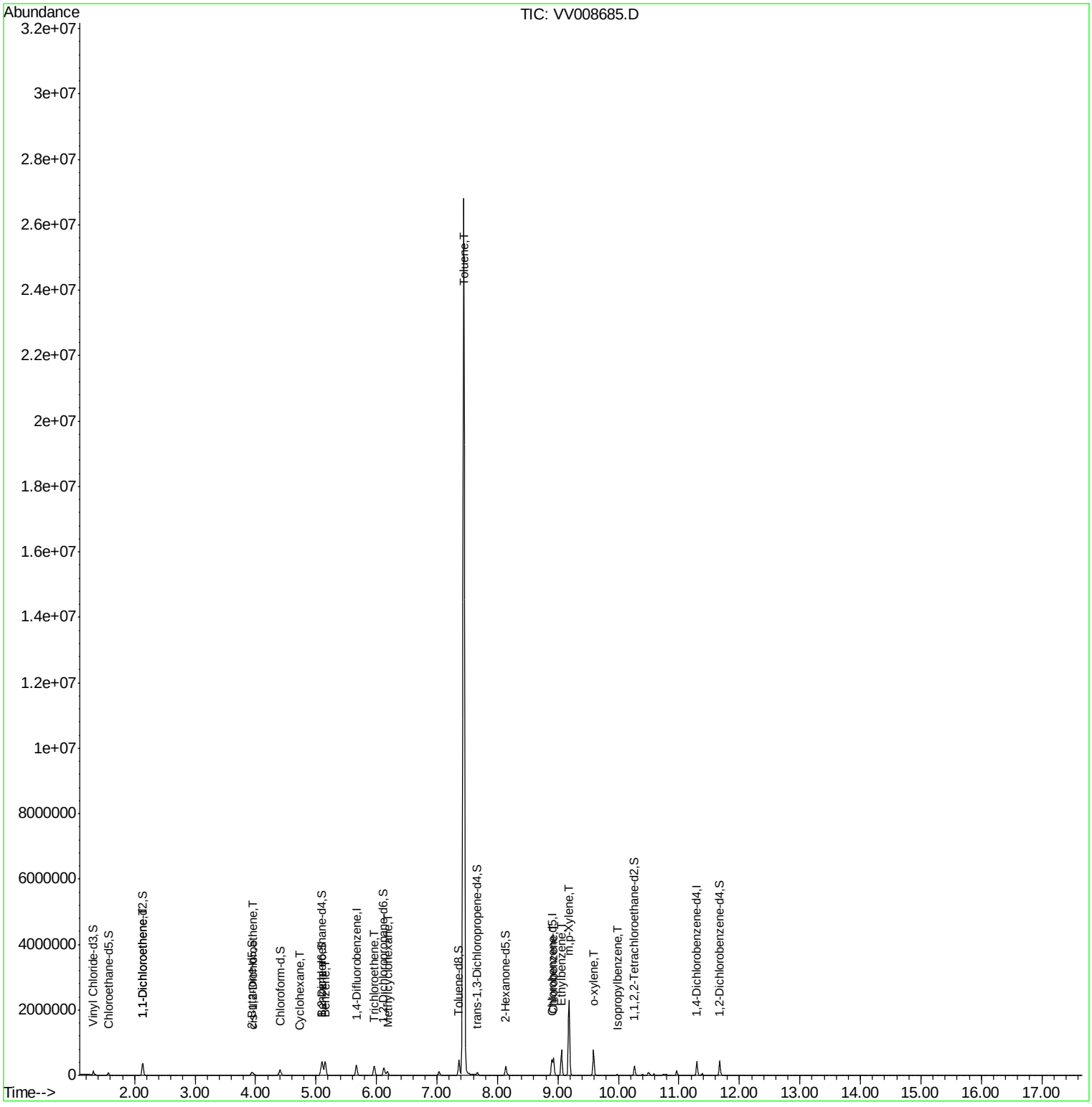
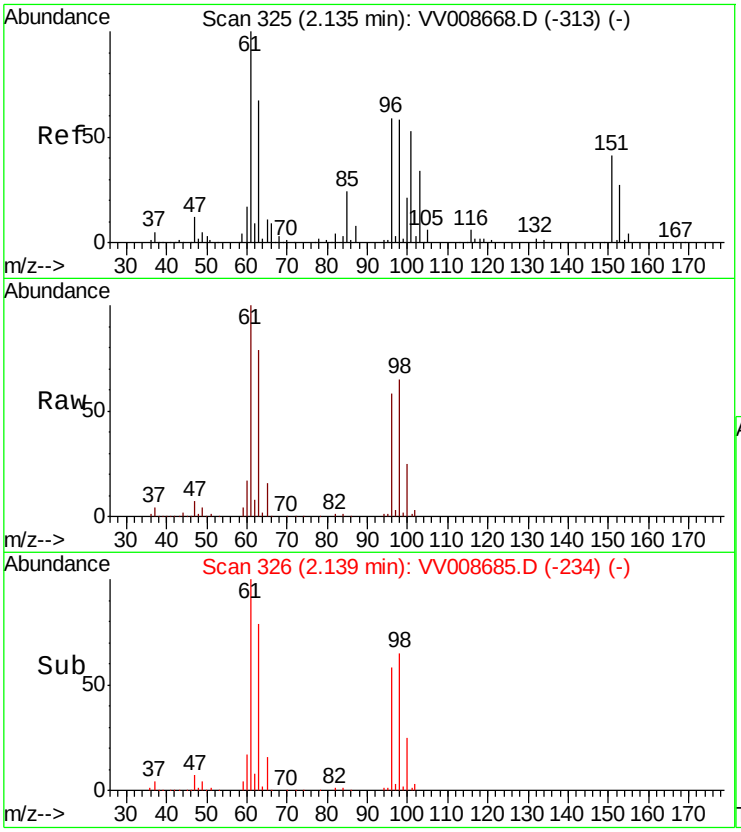
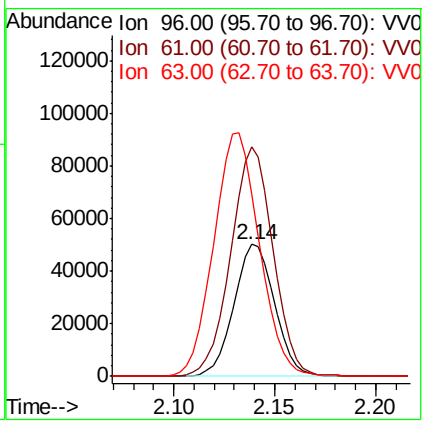




#12
1,1-Dichloroethene
Concen: 52.183 ug/L
RT: 2.14 min Scan# 326
Delta R.T. -0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 96 Resp: 71001

Ion	Ratio	Lower	Upper
96	100		
61	173.6	120.3	223.3
63	137.9	113.3	210.5



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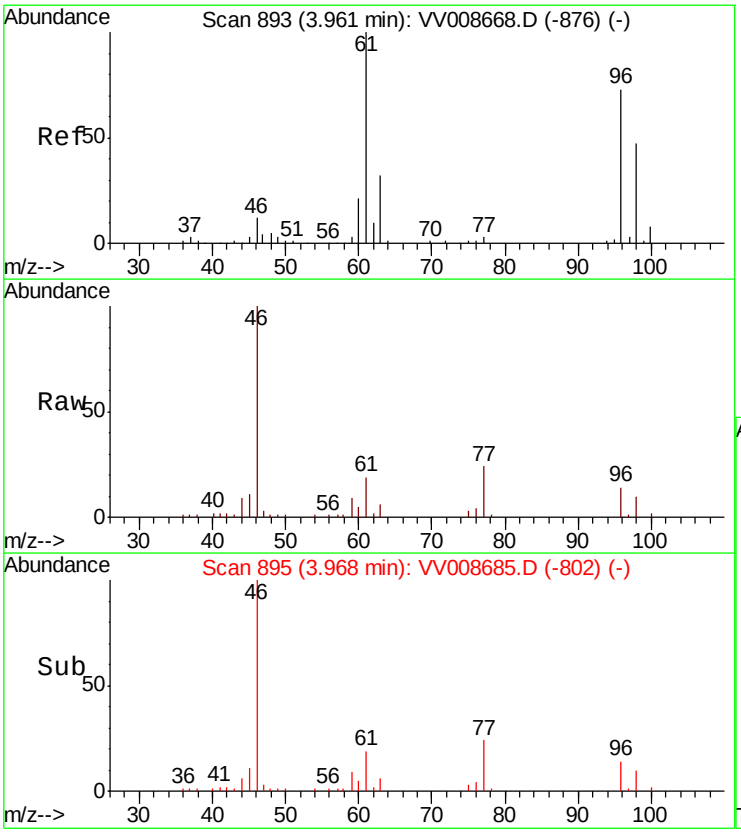
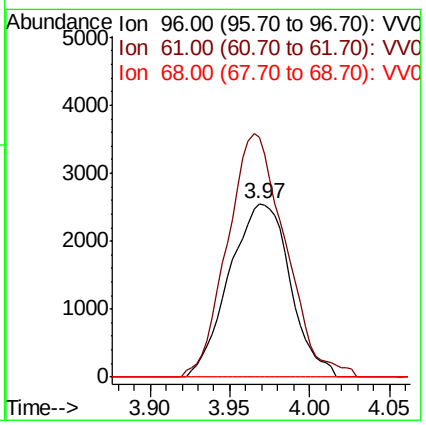
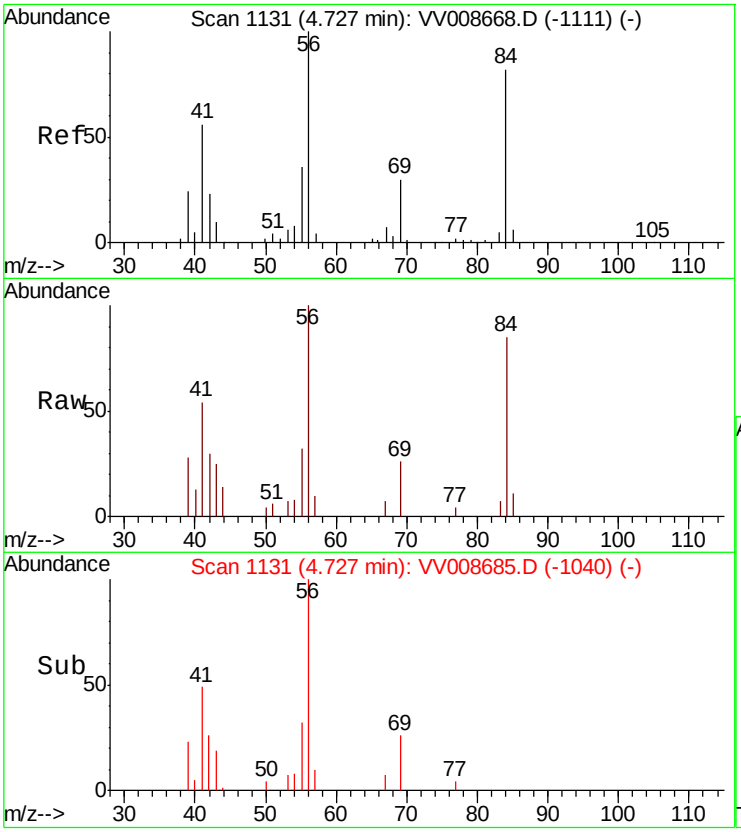


#20
cis-1,2-Dichloroethene
Concen: 3.092 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 96 Resp: 6672

Ion	Ratio	Lower	Upper
96	100		
61	138.1	78.8	146.3
68	0.0	0.0	0.0





#29
Cyclohexane
Concen: 2.062 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 56 Resp: 6877

Ion	Ratio	Lower	Upper
56	100		
69	26.1	0.0	0.0#
84	88.1	0.0	0.0#

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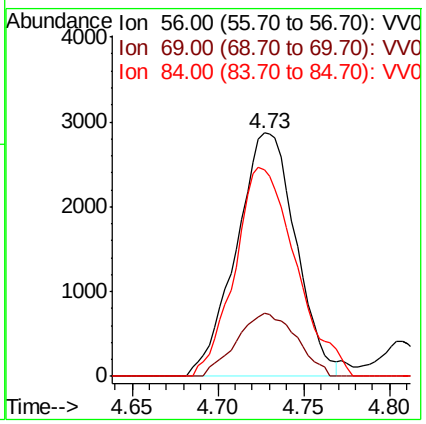
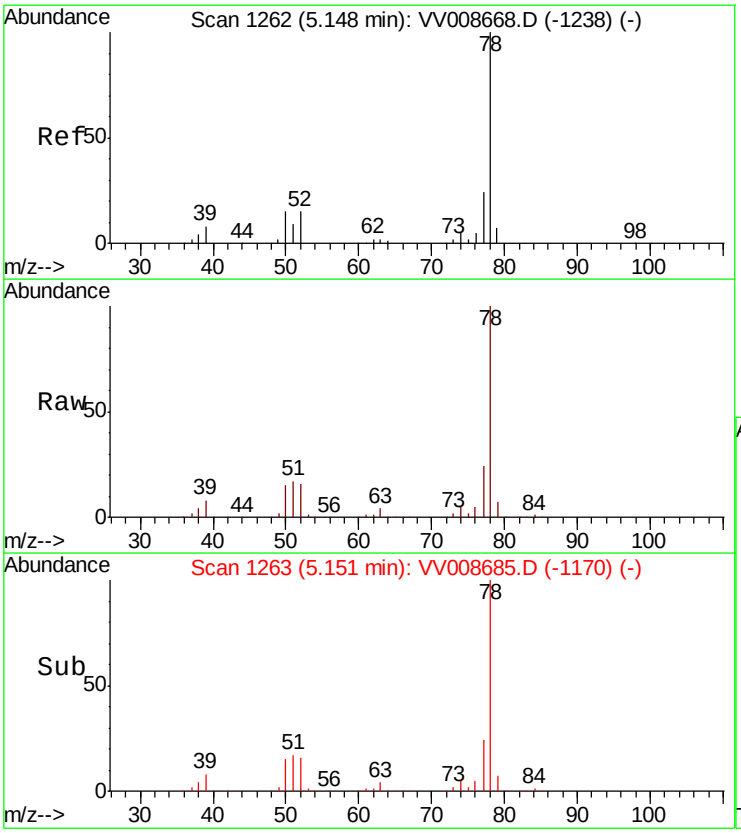
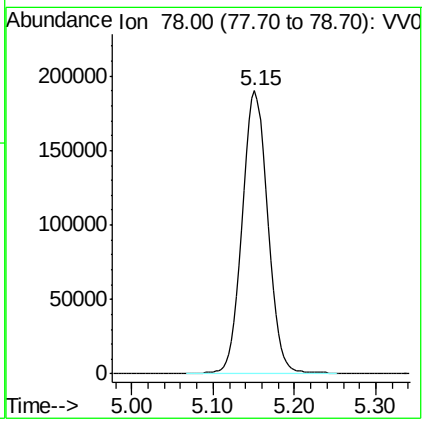
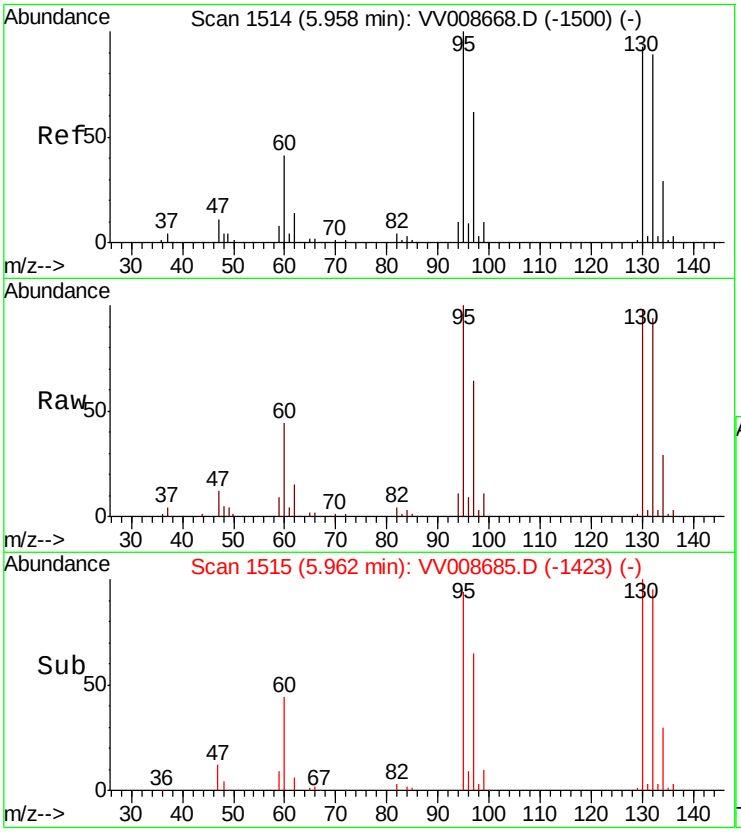




#33
Benzene
Concen: 51.918 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 78 Resp: 410909

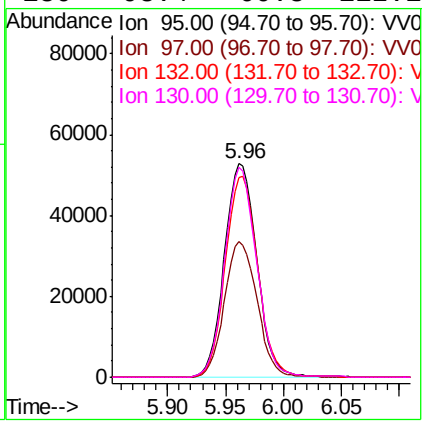




#34
Trichloroethene
Concen: 49.057 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 95 Resp: 102898

Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.8	81.3
132	93.7	58.3	108.3
130	98.4	60.3	112.1



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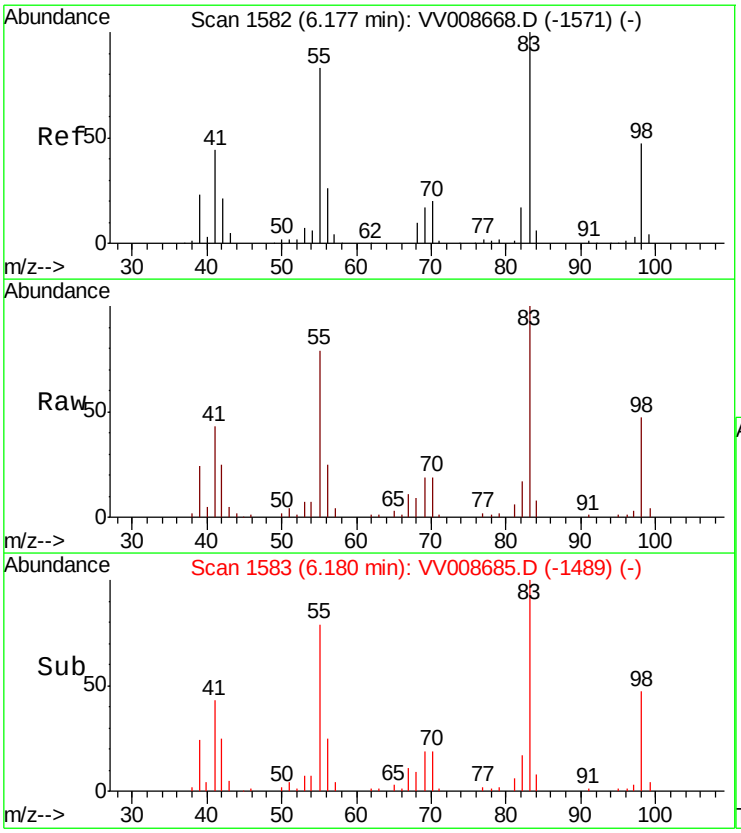
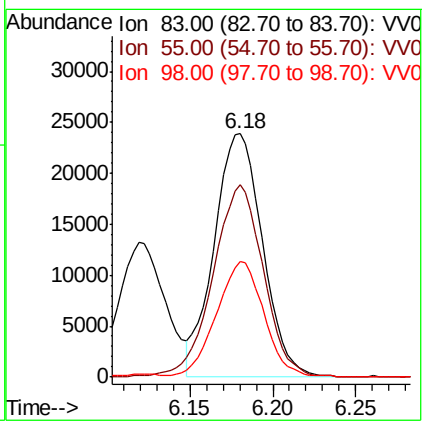
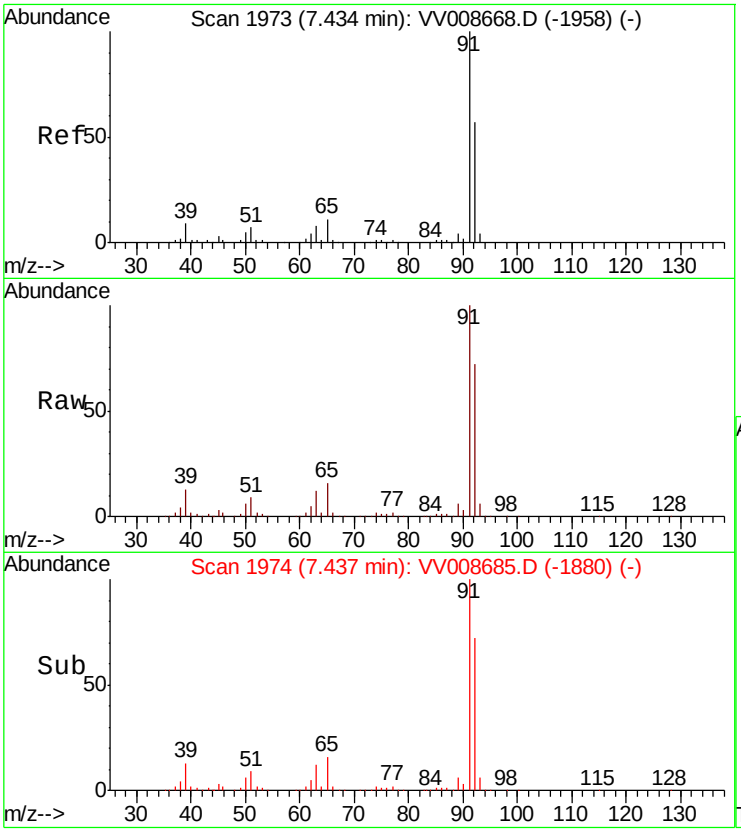


#35
Methylcyclohexane
Concen: 14.020 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 83 Resp: 48557

Ion	Ratio	Lower	Upper
83	100		
55	82.3	63.0	94.6
98	46.6	35.4	53.0

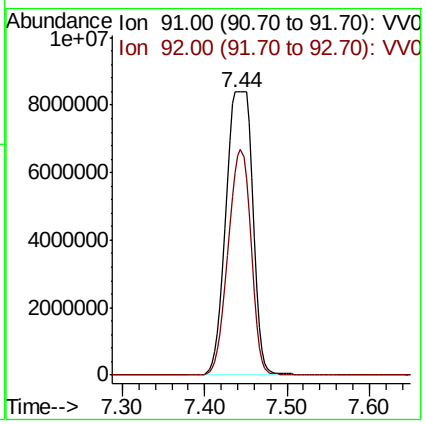




#42
Toluene
Concen: 2302.921 ug/L m
RT: 7.44 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 91 Resp:18954827

Ion	Ratio	Lower	Upper
91	100		
92	71.8	41.6	77.2



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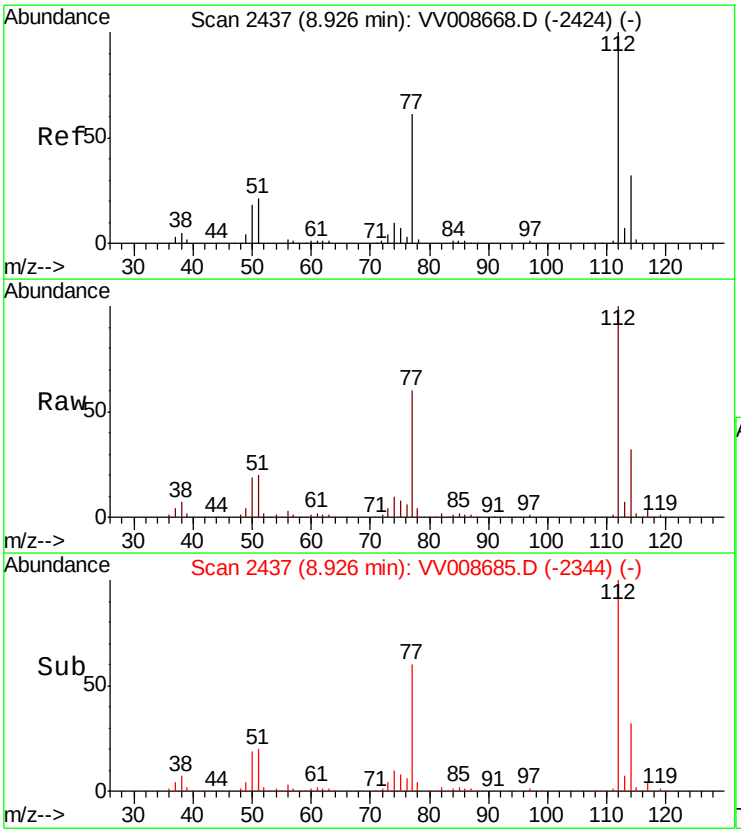
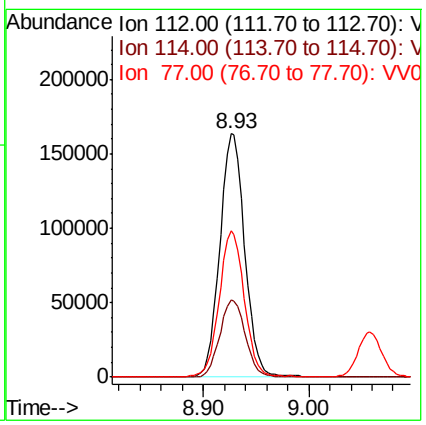
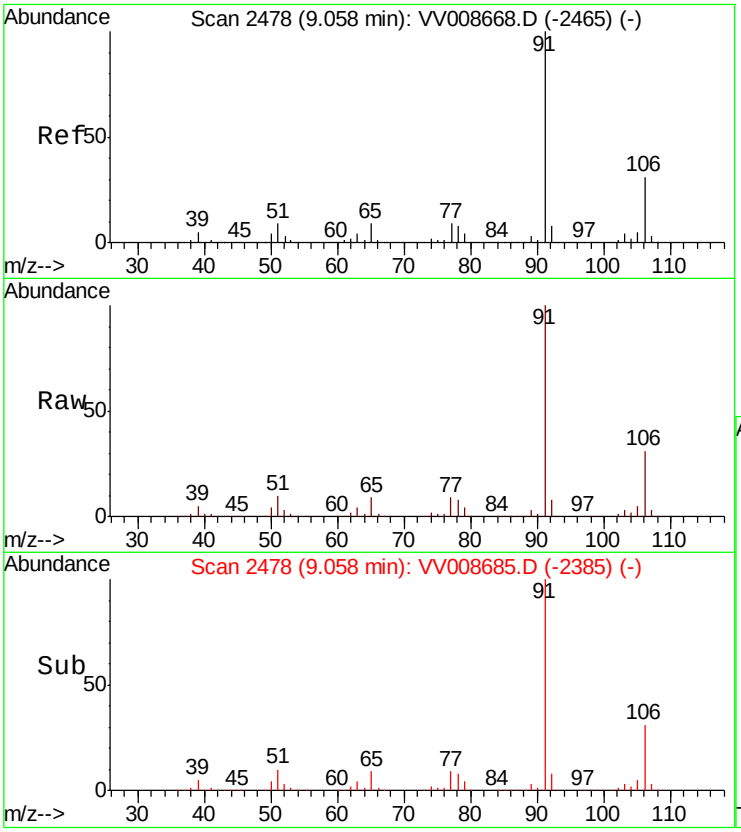


#51
Chlorobenzene
Concen: 50.901 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion:112 Resp: 266547

Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.9	42.5
77	60.1	53.8	80.6

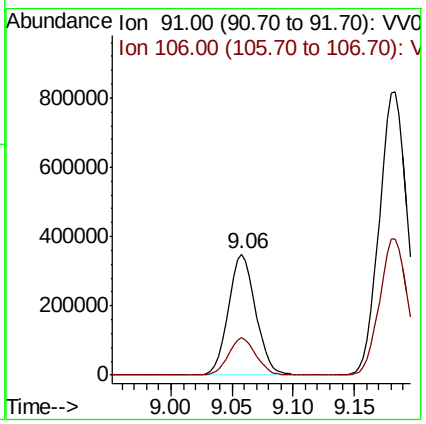




#52
Ethylbenzene
Concen: 60.677 ug/L
RT: 9.06 min Scan# 2478
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion: 91 Resp: 547949

Ion	Ratio	Lower	Upper
91	100		
106	30.9	21.2	39.4



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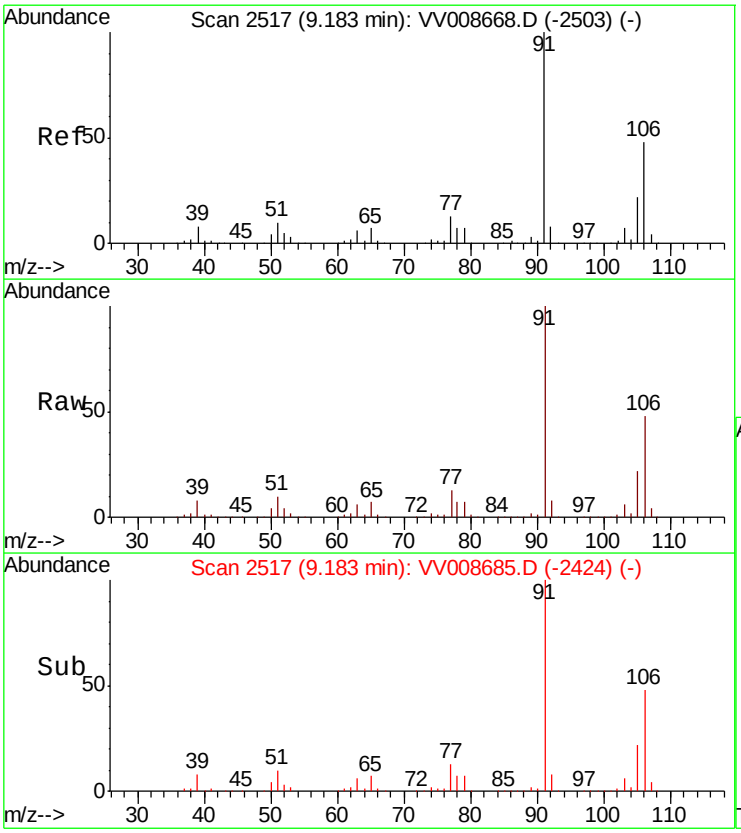
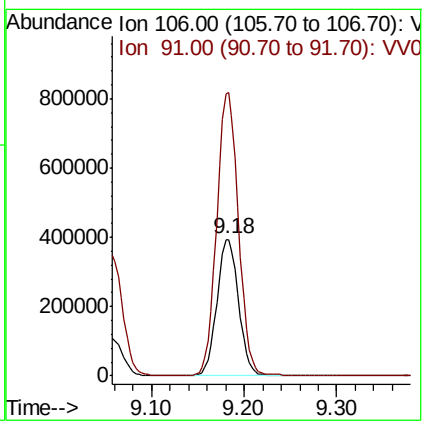
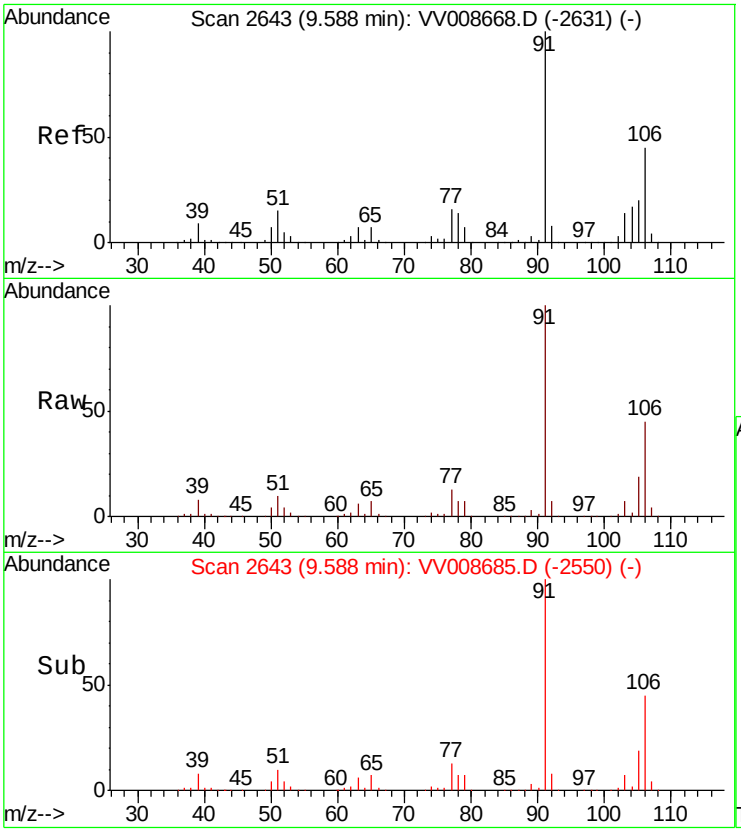


#53
m,p-Xylene
Concen: 191.977 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion:106 Resp: 637067

Ion	Ratio	Lower	Upper
106	100		
91	207.0	154.7	287.3

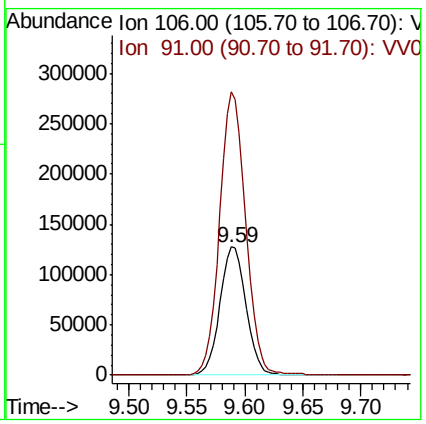




#54
o-xylene
Concen: 60.217 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion:106 Resp: 198704

Ion	Ratio	Lower	Upper
106	100		
91	220.5	146.7	272.5



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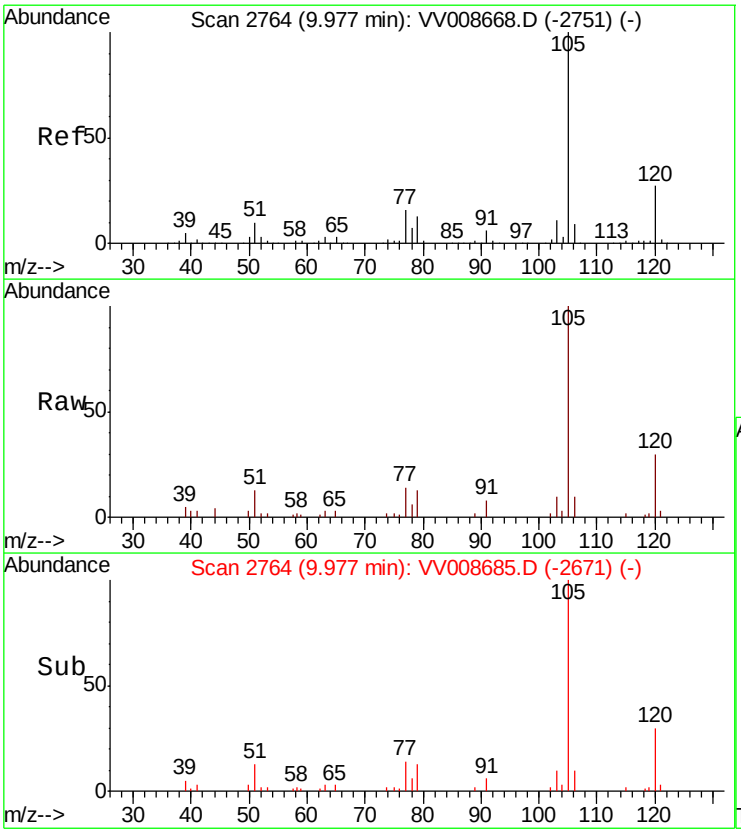

#56
Isopropylbenzene
Concen: 1.780 ug/L
RT: 9.98 min Scan# 2764
Delta R.T. 0.00 min
Lab File: VV008685.D
Acq: 20 Nov 2018 19:49

Tgt Ion:105 Resp: 15441

Ion	Ratio	Lower	Upper
105	100		
120	28.9	20.5	30.7
77	15.9	12.8	19.2