Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
Data File : VU026113.D
Acq On : 14 Aug 2018 20:20
Operator : MD/SY
Sample : J4402-15MSD
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4ZJ2MSD

Quant Time: Aug 16 01:47:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 01:12:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	250322	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	236741	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	103705	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	67694	37.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 74.00%			
7) Chloroethane-d5	1.67	69	62016	42.75	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.50%			
11) 1,1-Dichloroethene-d2	2.27	63	144993	41.70	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.40%			
21) 2-Butanone-d5	4.18	46	167192	109.63	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.63%			
24) Chloroform-d	4.65	84	178170	45.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.84%			
26) 1,2-Dichloroethane-d4	5.31	65	124565	47.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.04%			
32) Benzene-d6	5.35	84	331807	45.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.28%			
36) 1,2-Dichloropropane-d6	6.33	67	114400	48.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.18%			
41) Toluene-d8	7.57	98	291903	41.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.00%			
43) trans-1,3-Dichloropropene-	7.85	79	54256	45.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.54%			
47) 2-Hexanone-d5	8.31	63	122133	113.04	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.04%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	174437	50.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	125550	49.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.22%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.28	96	75947	52.55	ug/L	83
33) Benzene	5.39	78	384206	56.98	ug/L	100
34) Trichloroethene	6.19	95	95742	54.35	ug/L	98
42) Toluene	7.64	91	412379	57.62	ug/L	99
51) Chlorobenzene	9.12	112	303607	62.91	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	4135	1.22	ug/L	94
65) 1,2-Dichlorobenzene	11.88	146	5151	1.50	ug/L #	88

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

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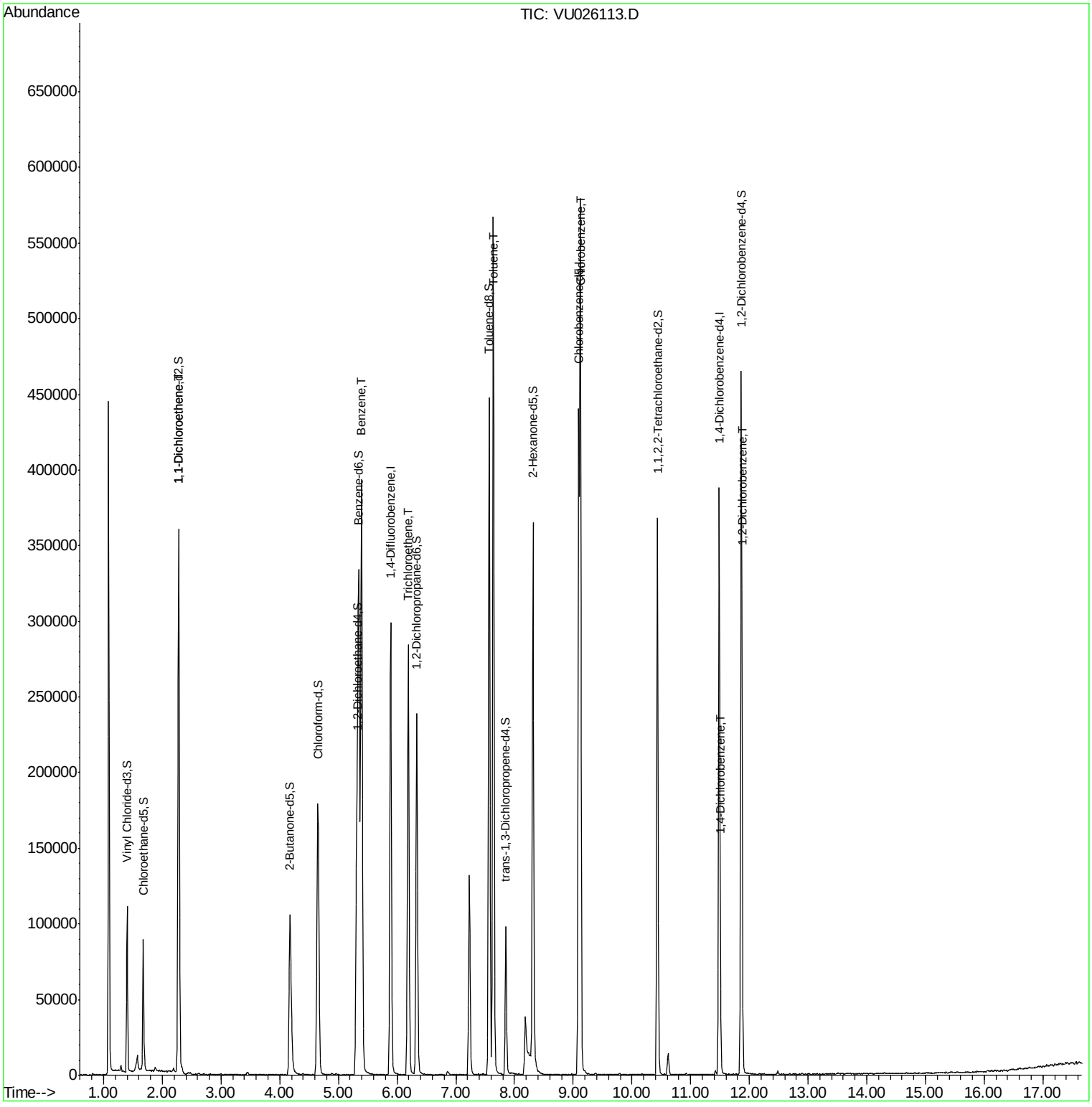
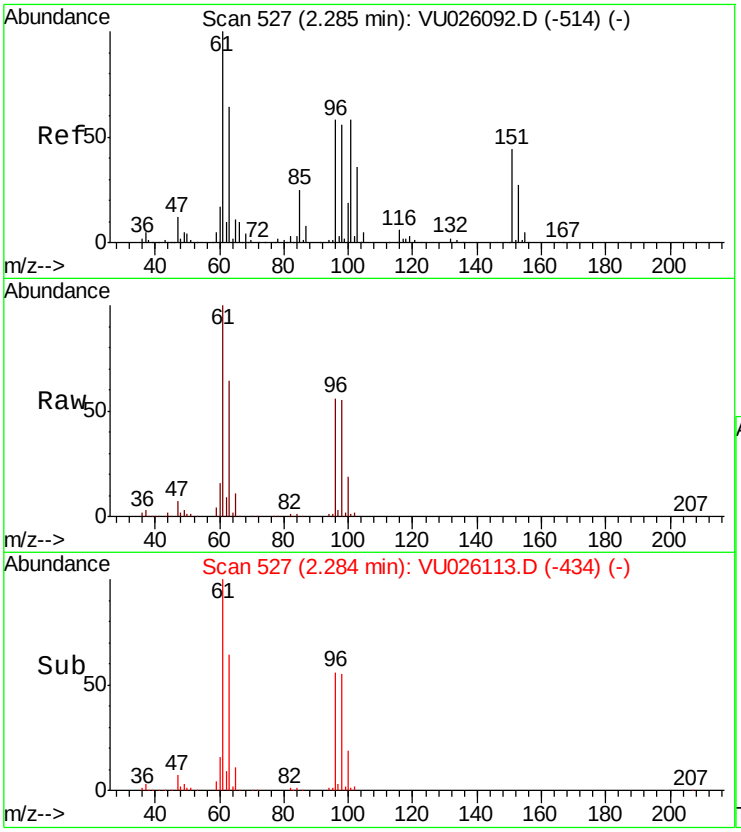


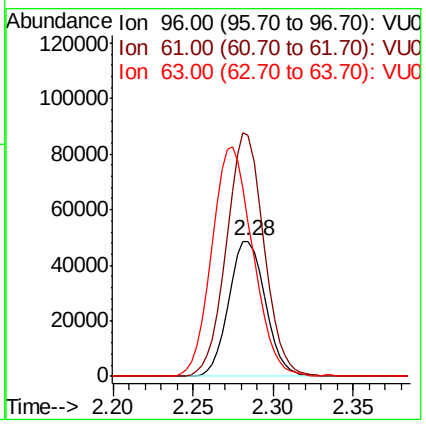


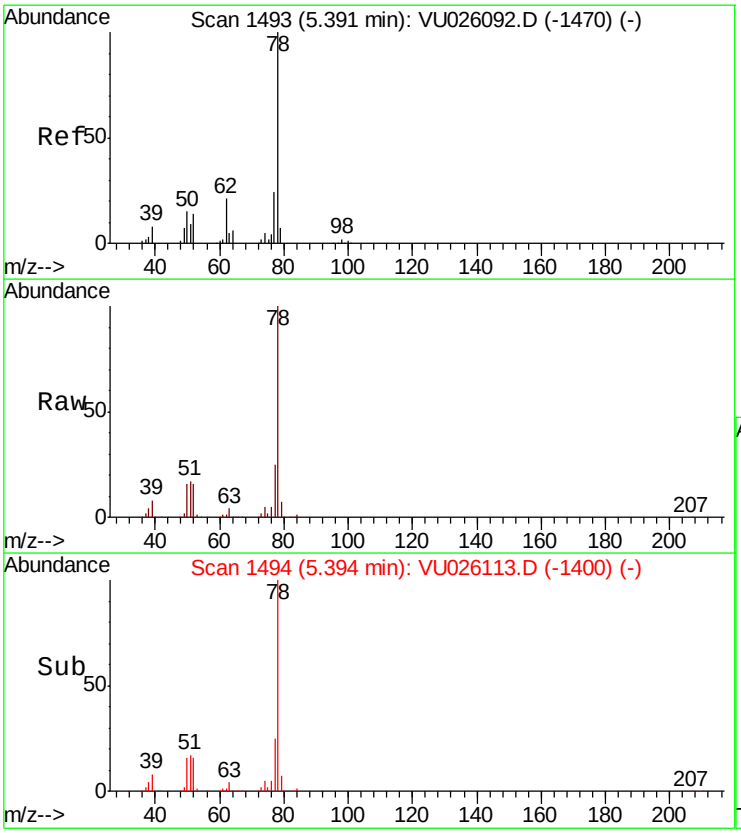
#12
1,1-Dichloroethene
Concen: 52.55 ug/L
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
A4ZJ2MSD

Tgt Ion: 96 Resp: 75947

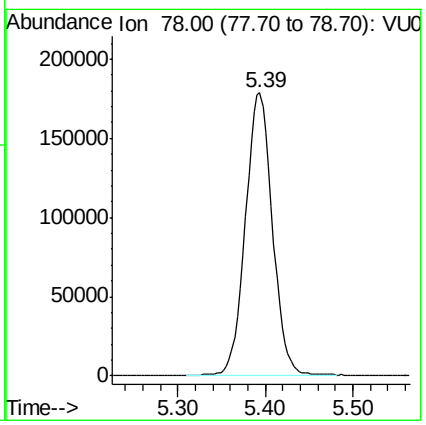
Ion	Ratio	Lower	Upper
96	100		
61	178.3	121.2	225.2
63	113.9	108.7	201.9

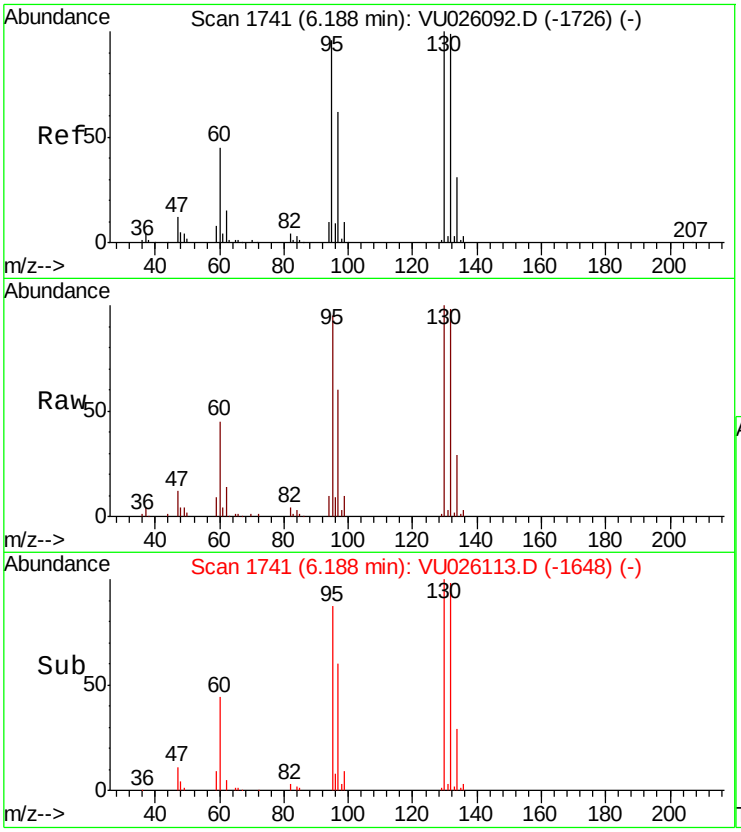




#33
Benzene
Concen: 56.98 ug/L
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Tgt Ion: 78 Resp: 384206



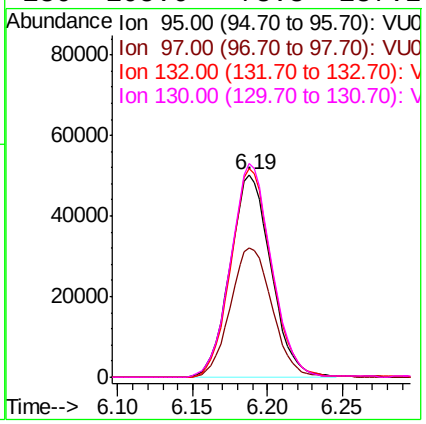


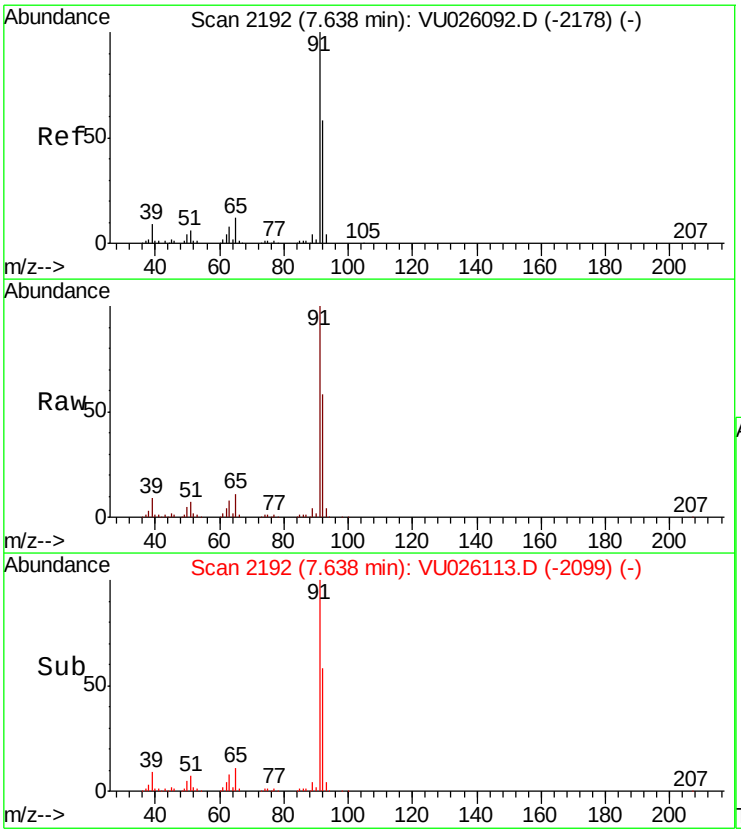
#34
Trichloroethene
Concen: 54.35 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Instrument : MSVOA_U
ClientSampleId : A4ZJ2MSD

Tgt Ion: 95 Resp: 95742

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.2	84.0
132	103.3	68.2	126.6
130	105.6	73.8	137.2

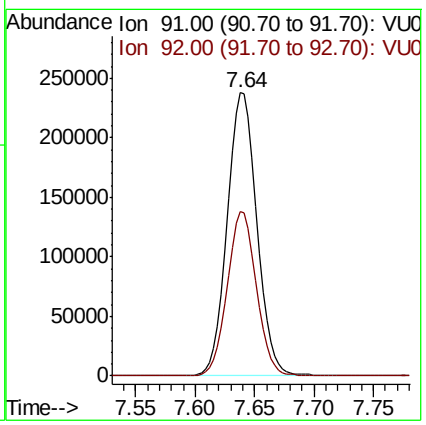


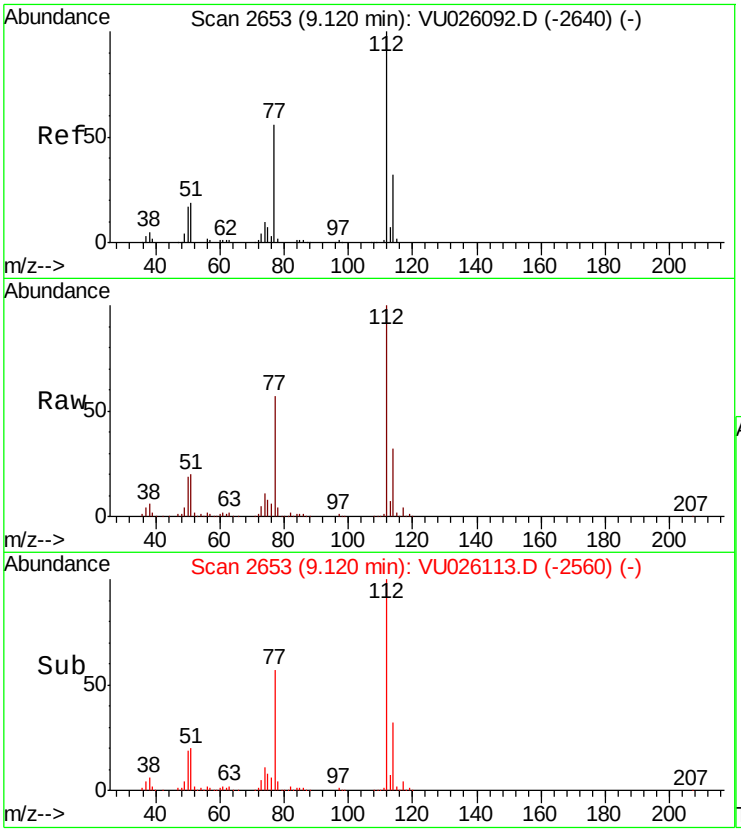


#42
Toluene
Concen: 57.62 ug/L
RT: 7.64 min Scan# 2192
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Tgt Ion: 91 Resp: 412379

Ion	Ratio	Lower	Upper
91	100		
92	58.1	41.0	76.2



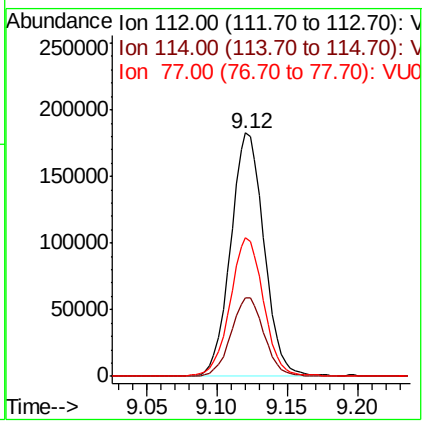


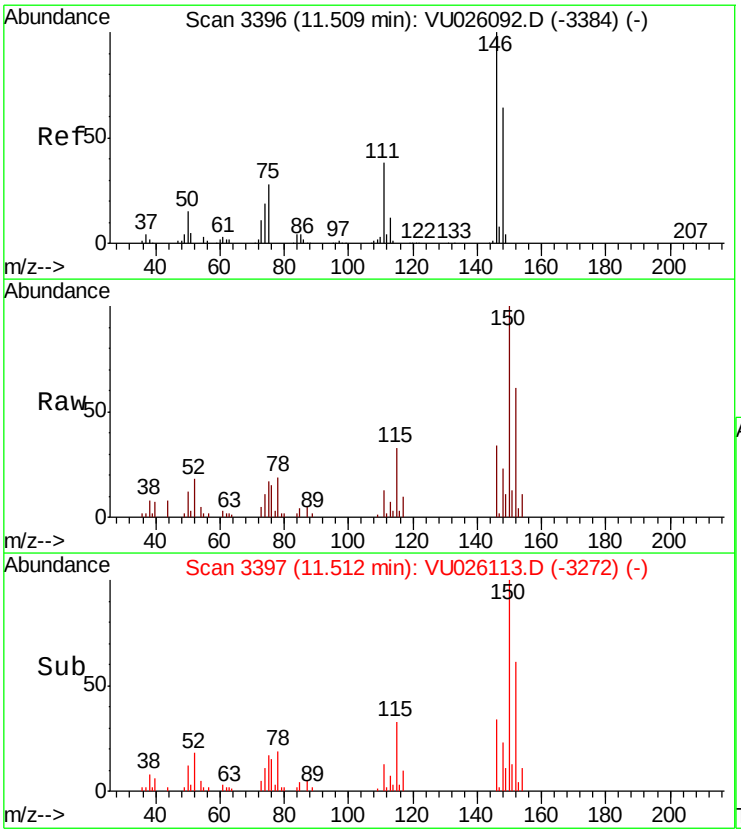
#51
Chlorobenzene
Concen: 62.91 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Instrument : MSVOA_U
ClientSampleId : A4ZJ2MSD

Tgt Ion:112 Resp: 303607

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	56.8	45.2	67.8

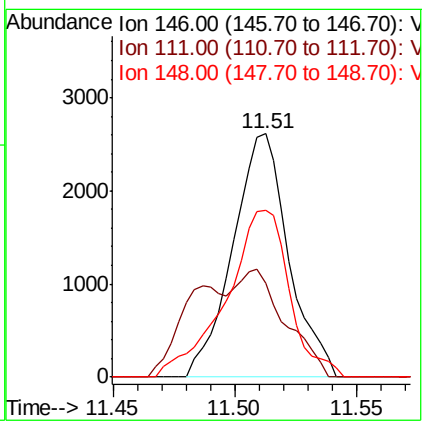


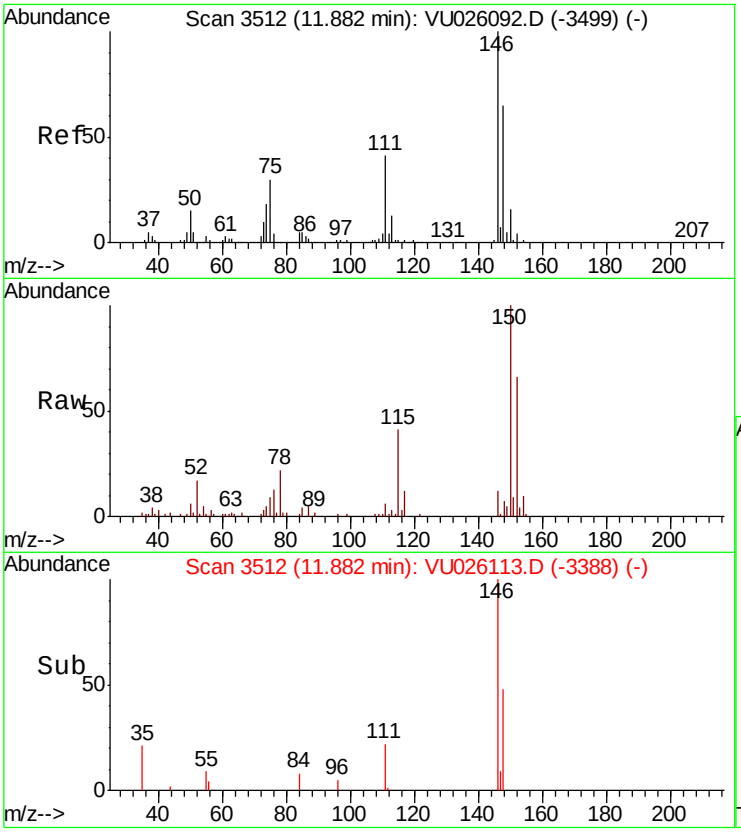


#63
1,4-Dichlorobenzene
Concen: 1.22 ug/L
RT: 11.51 min Scan# 3397
Delta R.T. 0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Tgt Ion:146 Resp: 4135

Ion	Ratio	Lower	Upper
146	100		
111	38.7	26.4	49.0
148	68.7	43.8	81.4





#65
1,2-Dichlorobenzene
Concen: 1.50 ug/L
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU026113.D
Acq: 14 Aug 2018 20:20

Instrument :
MSVOA_U
ClientSampleId :
A4ZJ2MSD

Tgt Ion:146 Resp: 5151

Ion	Ratio	Lower	Upper
146	100		
111	49.4	32.4	48.6#
148	54.9	50.1	75.1