Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028293.D
Acq On : 20 Nov 2018 21:20
Operator : MD/SY
Sample : J5997-11MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YA8MS

Quant Time: Nov 21 09:52:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	120109	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	118337	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50821	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	36021	3.99	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 79.80%			
7) Chloroethane-d5	1.68	69	37898	4.86	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.20%			
11) 1,1-Dichloroethene-d2	2.28	63	87287	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.00%			
20) 2-Butanone-d5	4.19	46	167636	55.42	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.84%			
24) Chloroform-d	4.65	84	86824	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.31	65	49963	5.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.20%			
32) Benzene-d6	5.34	84	164301	4.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.40%			
36) 1,2-Dichloropropane-d6	6.33	67	63105	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.57	98	135201	4.43	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.60%			
43) trans-1,3-Dichloropropene-	7.85	79	16211	4.10	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 82.00%			
46) 2-Hexanone-d5	8.31	63	115603	48.79	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 97.58%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47233	5.29	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	49375	5.22	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 104.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.29	96	45547	6.16	ug/L	86
13) Acetone	2.32	43	15498	7.45	ug/L	98
19) 1,1-Dichloroethane	3.45	63	71005	3.89	ug/L	97
22) cis-1,2-Dichloroethene	4.23	96	9243	0.99	ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	50460	3.78	ug/L	97
33) Benzene	5.39	78	211831	5.43	ug/L	100
34) Trichloroethene	6.19	95	62201	6.51	ug/L	97
38) Bromodichloromethane	6.77	83	1535	0.13	ug/L #	84
42) Toluene	7.64	91	214022	5.41	ug/L	98
47) Tetrachloroethene	8.23	164	2606	0.39	ug/L	79
51) Chlorobenzene	9.12	112	119267	5.23	ug/L	96
53) m,p-xylene	9.38	106	6385	0.43	ug/L	95
54) o-xylene	9.78	106	2227	0.15	ug/L	78

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

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
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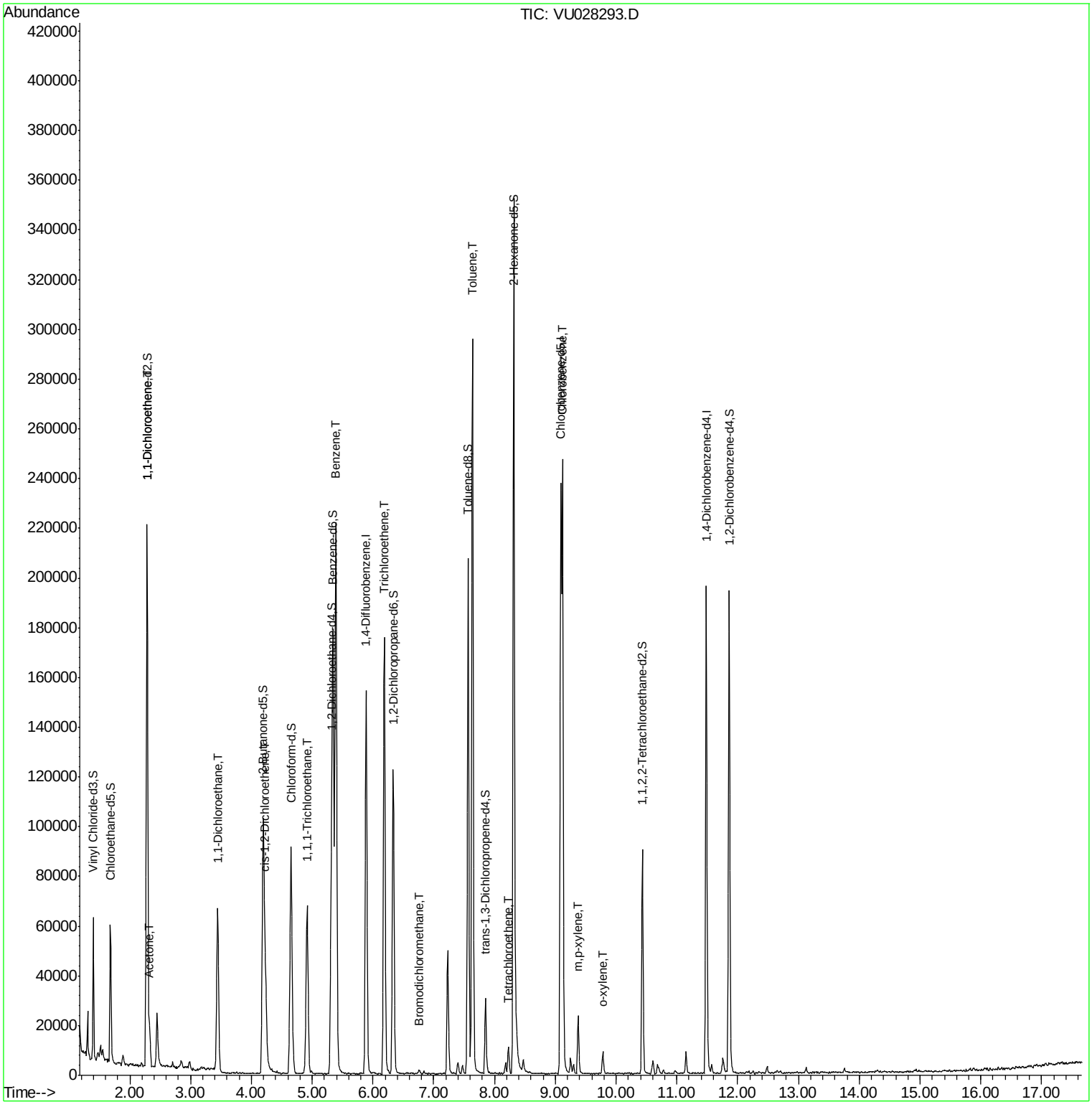
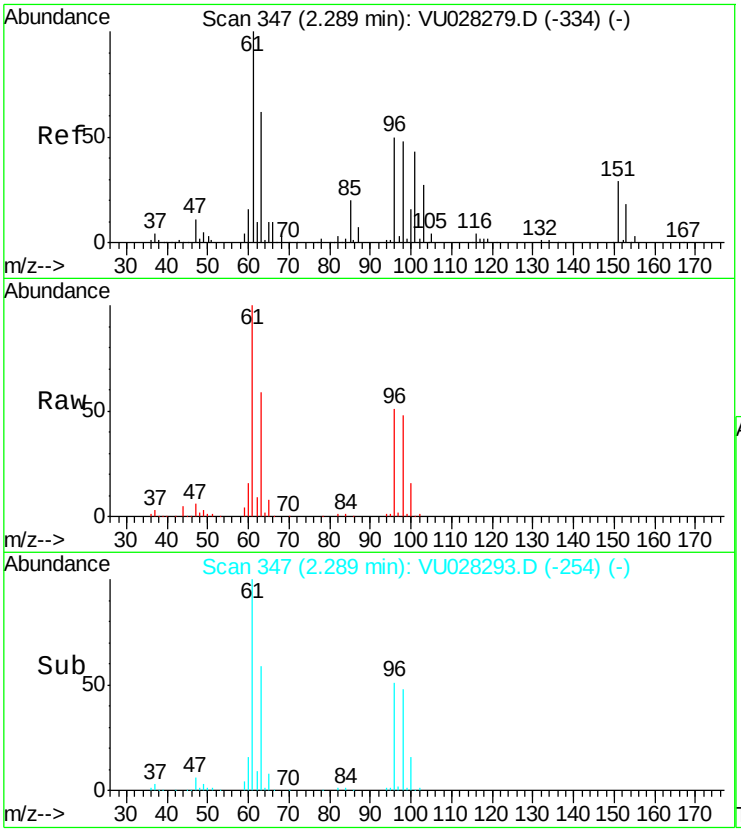
Quant Time: Nov 21 09:52:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 21 07:07:52 2018
Response via : Initial Calibration



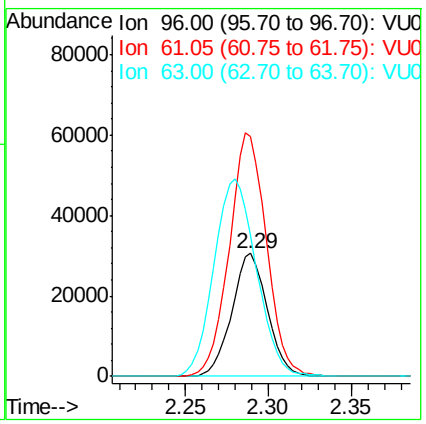


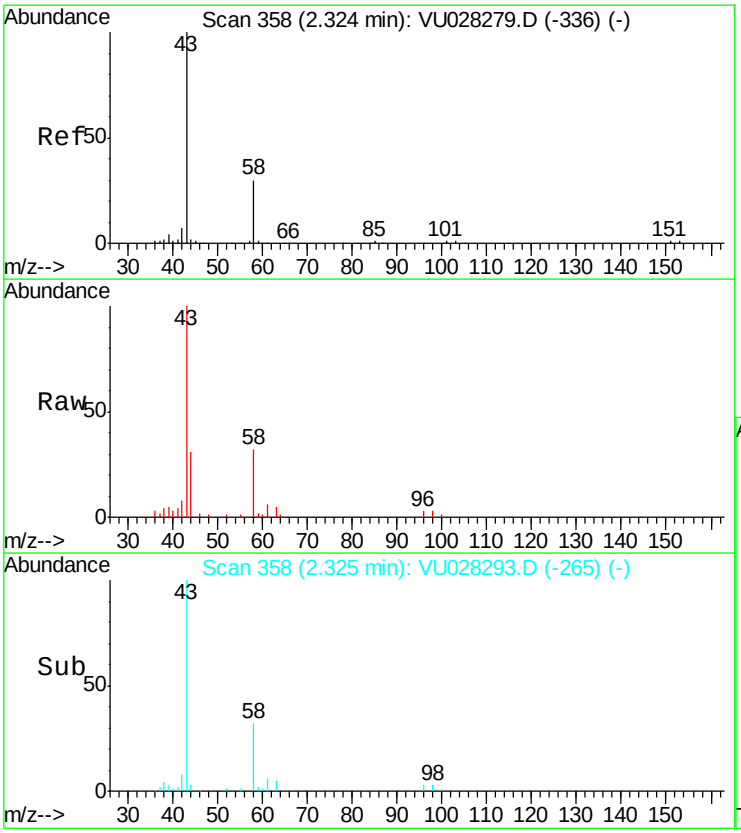
#12
1,1-Dichloroethene
Concen: 6.16 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Instrument : MSVOA_U
ClientSampleId : E3YA8MS

Tgt Ion: 96 Resp: 45547

Ion	Ratio	Lower	Upper
96	100		
61	194.7	145.5	270.1
63	114.5	98.6	183.2

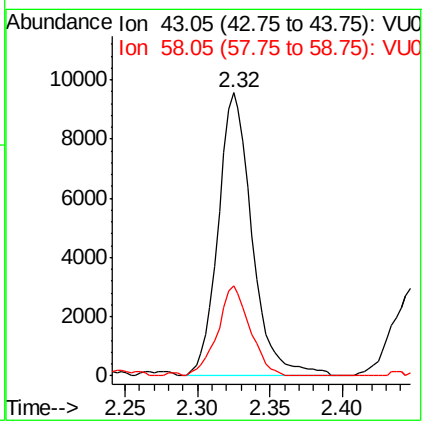


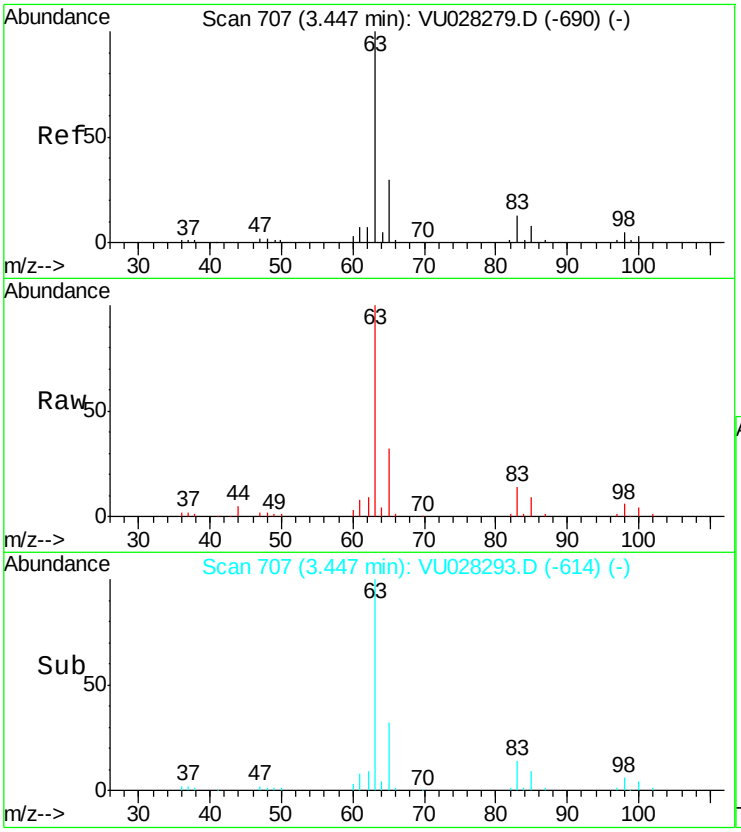


#13
Acetone
Concen: 7.45 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Tgt Ion: 43 Resp: 15498

Ion	Ratio	Lower	Upper
43	100		
58	30.2	0.0	58.6



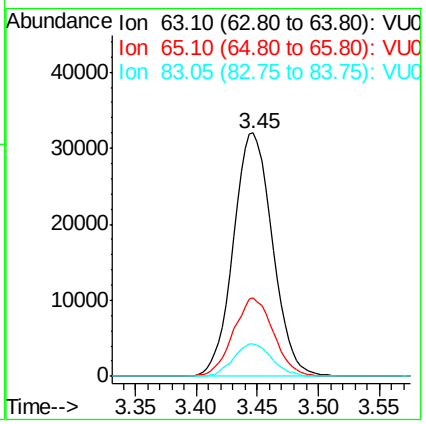


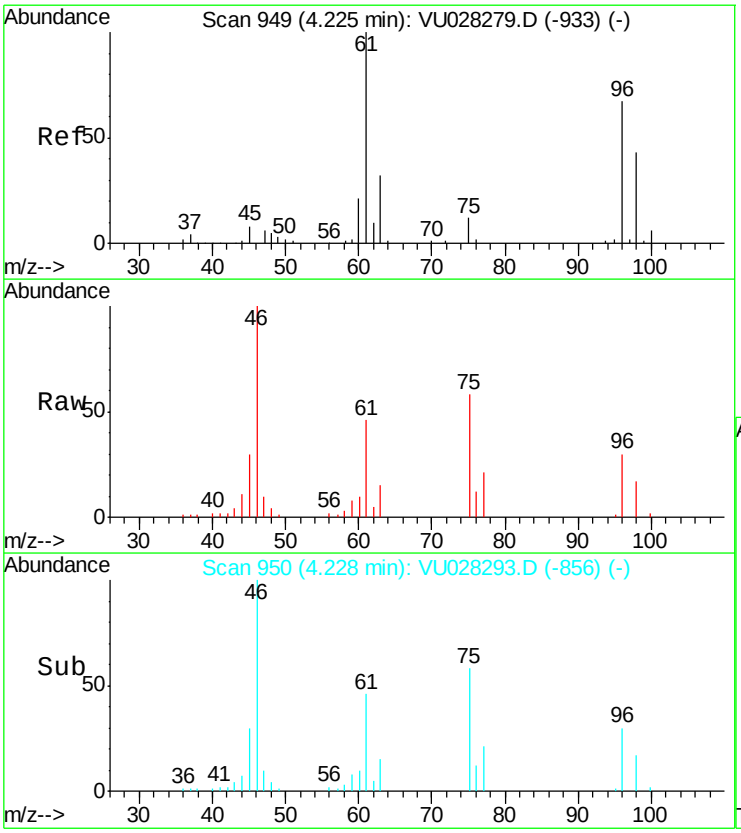
#19
1,1-Dichloroethane
Concen: 3.89 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Instrument : MSVOA_U
ClientSampleId : E3YA8MS

Tgt Ion: 63 Resp: 71005

Ion	Ratio	Lower	Upper
63	100		
65	32.2	21.2	39.4
83	13.5	8.8	16.4

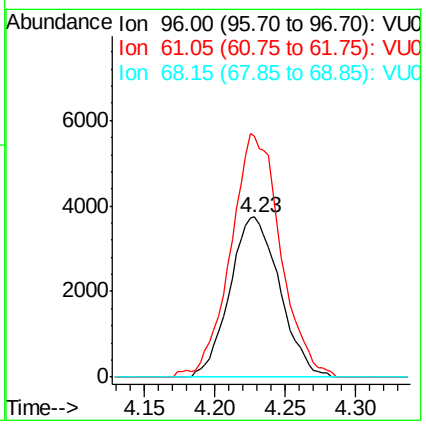


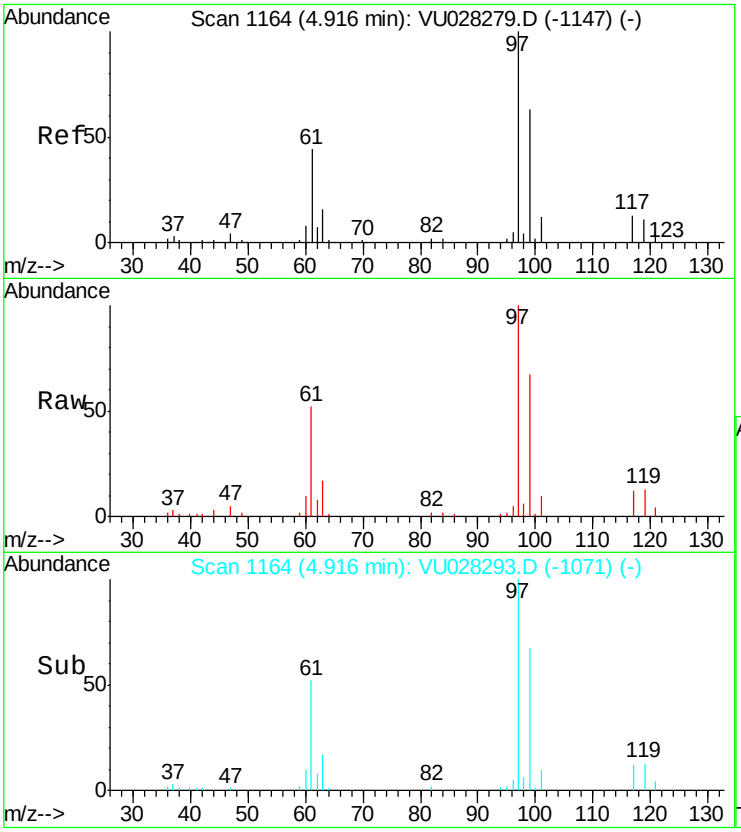


#22
cis-1,2-Dichloroethene
Concen: 0.99 ug/L
RT: 4.23 min Scan# 950
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Tgt Ion: 96 Resp: 9243

Ion	Ratio	Lower	Upper
96	100		
61	151.1	108.0	200.6
68	0.0	0.0	0.0



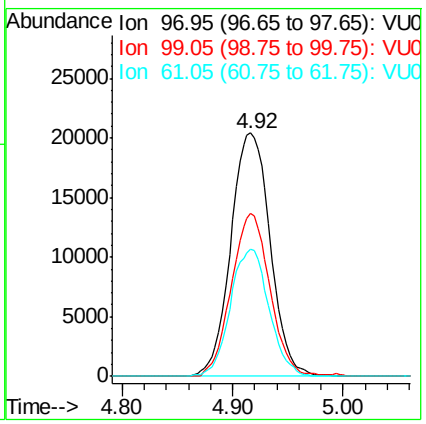


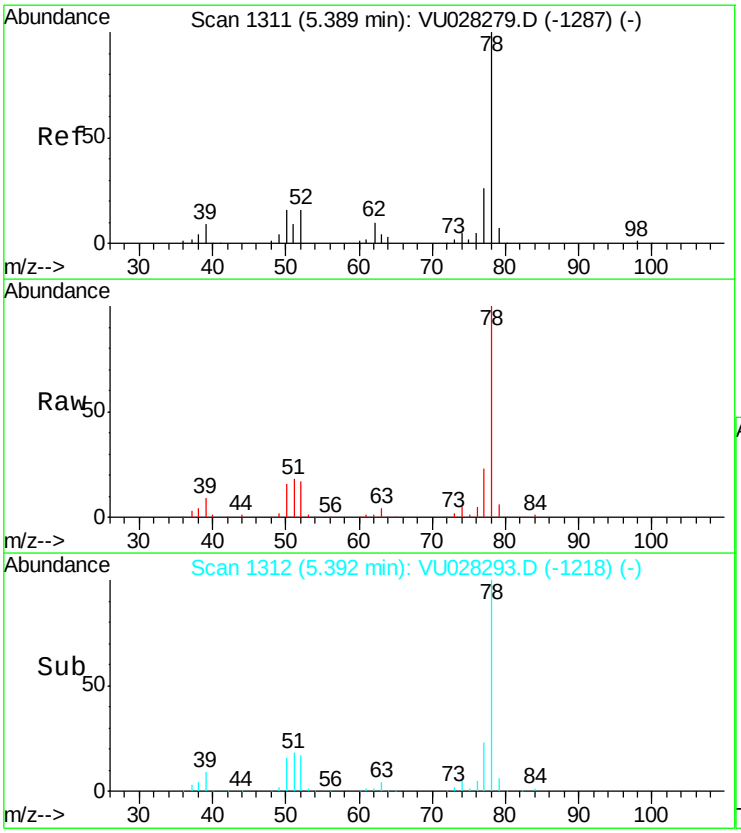
#29
1,1,1-Trichloroethane
Concen: 3.78 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Instrument :
MSVOA_U
ClientSampleId :
E3YA8MS

Tgt Ion: 97 Resp: 50460

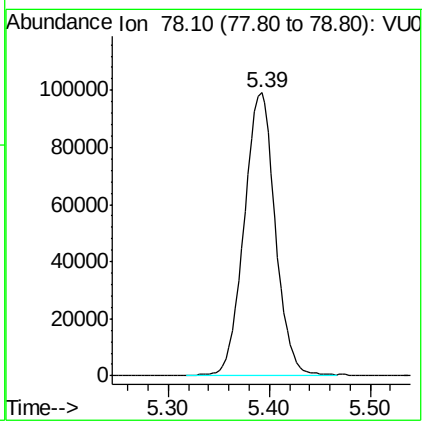
Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.8	76.2
61	51.0	42.6	64.0

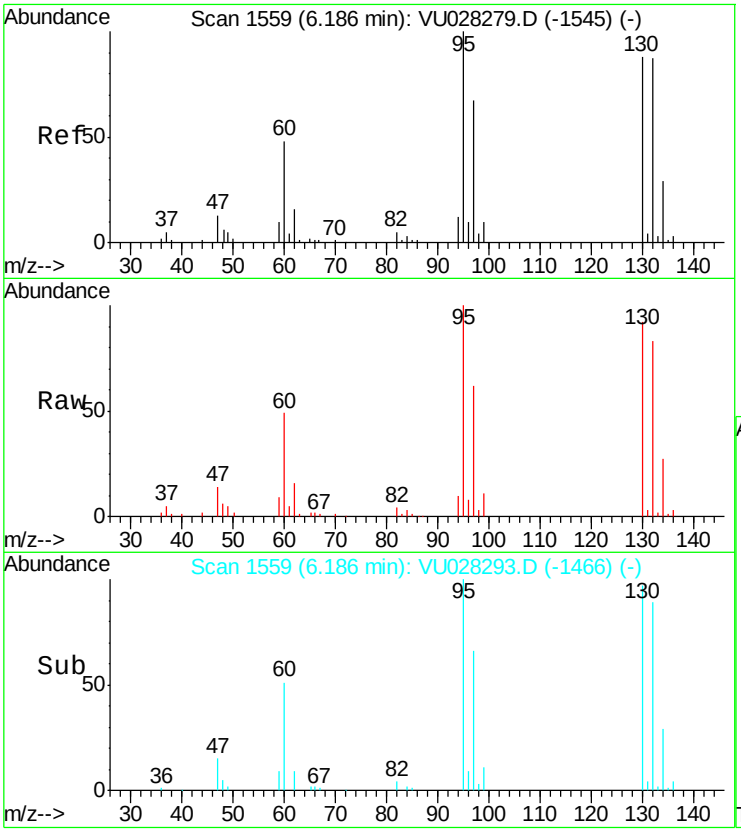




#33
Benzene
Concen: 5.43 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Tgt Ion: 78 Resp: 211831



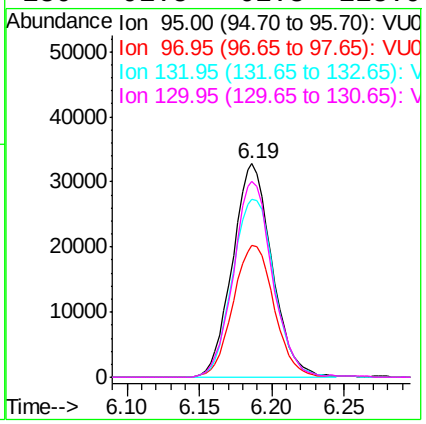


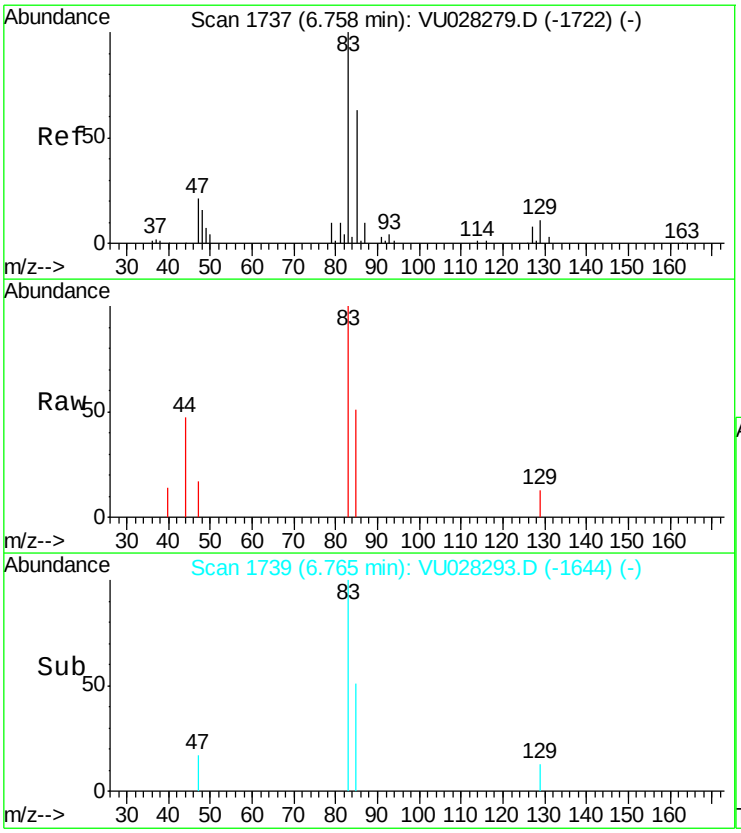
#34
Trichloroethene
Concen: 6.51 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Instrument :
MSVOA_U
ClientSampleId :
E3YA8MS

Tgt Ion: 95 Resp: 62201

Ion	Ratio	Lower	Upper
95	100		
97	61.6	46.5	86.3
132	83.4	58.9	109.3
130	91.5	61.3	113.9

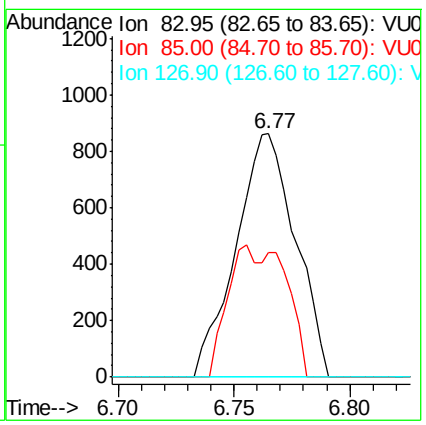


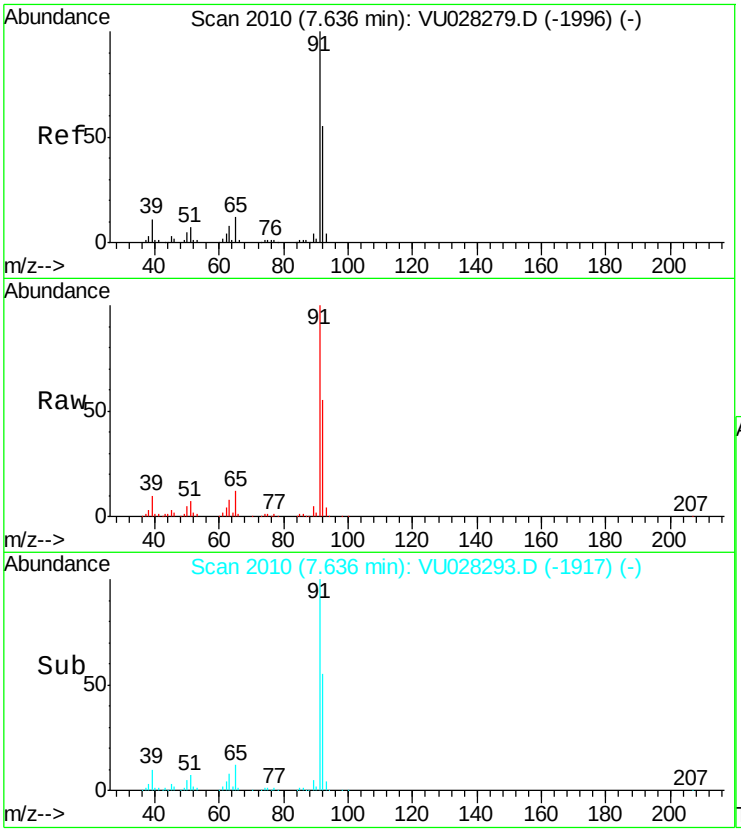


#38
Bromodichloromethane
Concen: 0.13 ug/L
RT: 6.77 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Tgt Ion: 83 Resp: 1535

Ion	Ratio	Lower	Upper
83	100		
85	51.2	44.2	82.0
127	0.0	6.2	9.4#



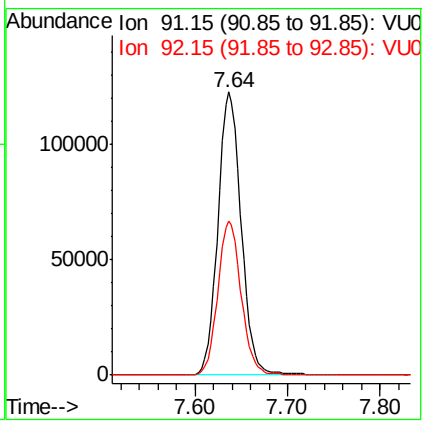


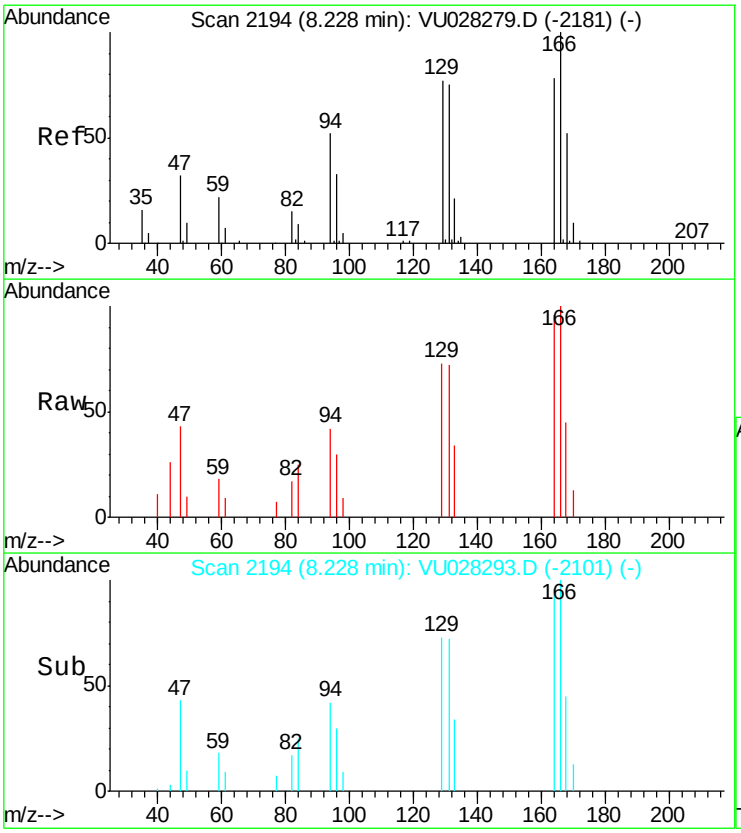
#42
Toluene
Concen: 5.41 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Instrument : MSVOA_U
ClientSampleId : E3YA8MS

Tgt Ion: 91 Resp: 214022

Ion	Ratio	Lower	Upper
91	100		
92	54.6	39.0	72.4

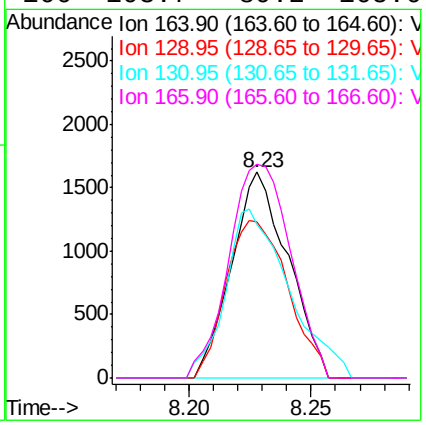


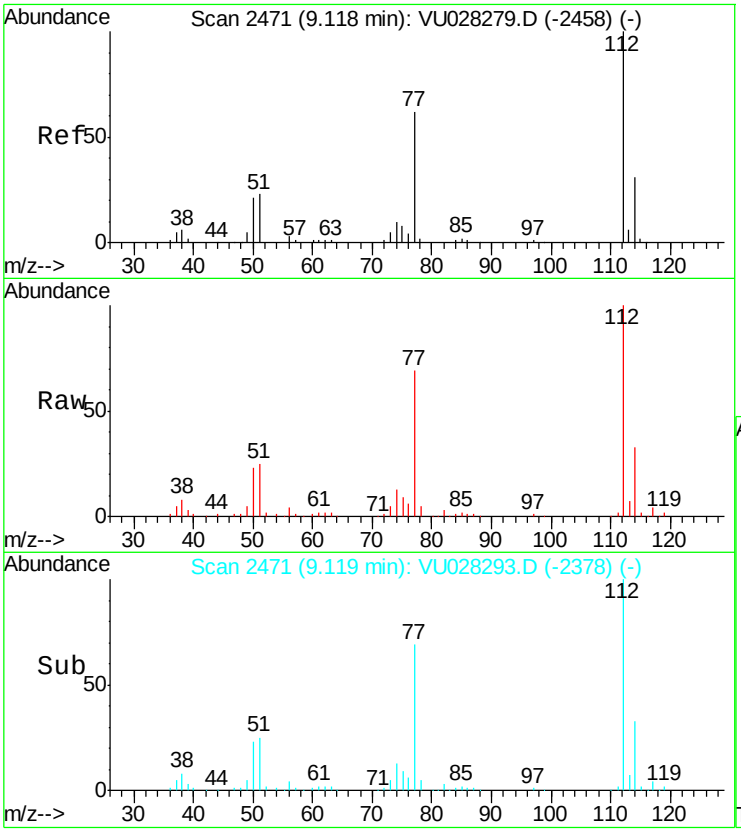


#47
Tetrachloroethene
Concen: 0.39 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Tgt Ion:164 Resp: 2606

Ion	Ratio	Lower	Upper
164	100		
129	75.8	67.6	125.6
131	74.8	66.3	123.1
166	103.7	89.2	165.6



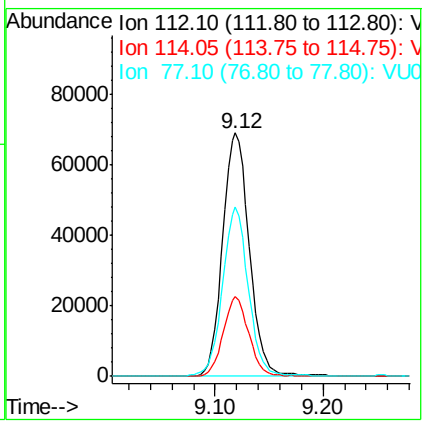


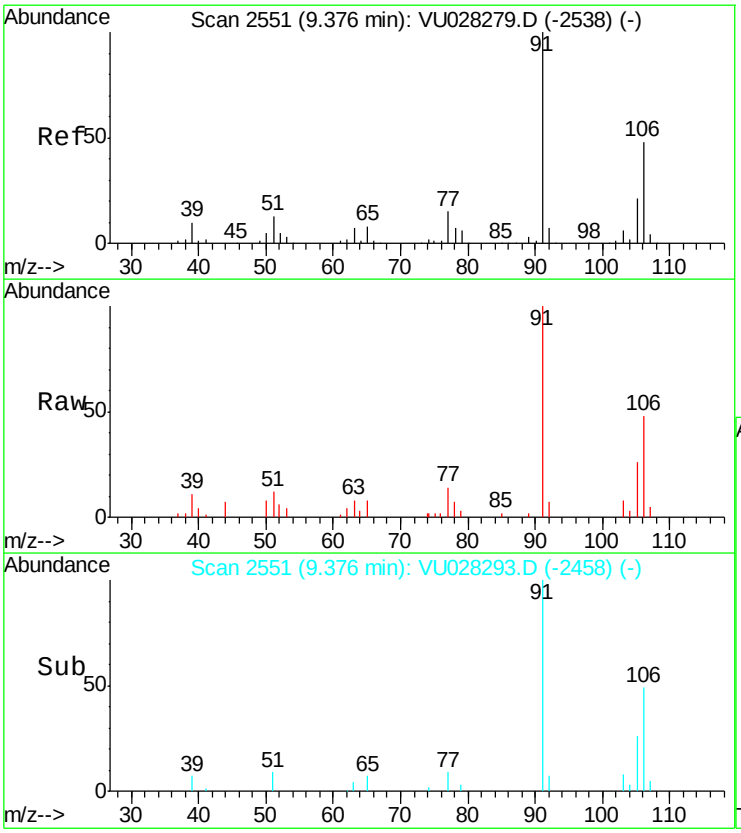
#51
Chlorobenzene
Concen: 5.23 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Instrument : MSVOA_U
ClientSampleId : E3YA8MS

Tgt Ion:112 Resp: 119267

Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.3	41.5
77	69.4	52.4	78.6

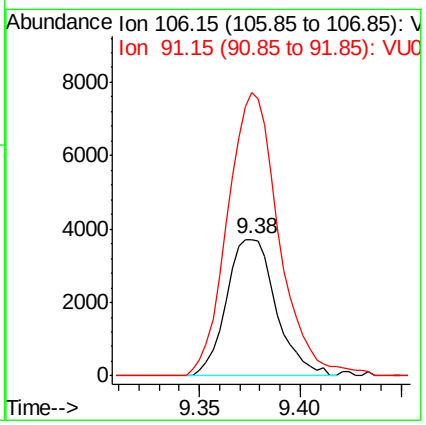


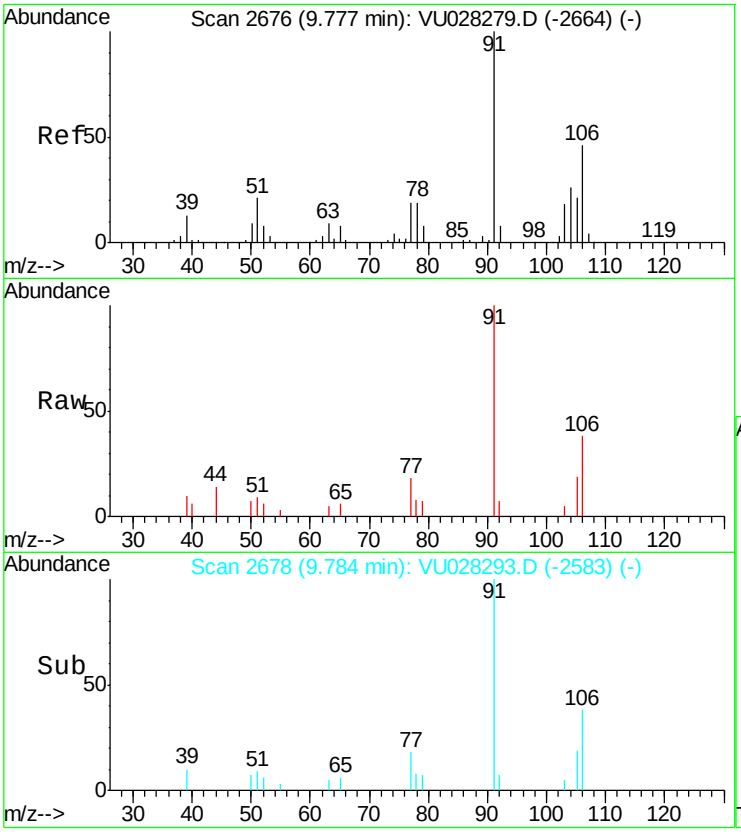


#53
m,p-xylene
Concen: 0.43 ug/L
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Tgt Ion:106 Resp: 6385

Ion	Ratio	Lower	Upper
106	100		
91	207.0	150.6	279.6





#54
o-xylene
Concen: 0.15 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028293.D
Acq: 20 Nov 2018 21:20

Instrument :
MSVOA_U
ClientSampleId :
E3YA8MS

Tgt Ion:106 Resp: 2227

Ion	Ratio	Lower	Upper
106	100		
91	260.8	157.5	292.5