Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028294.D
Acq On : 20 Nov 2018 21:44
Operator : MD/SY
Sample : J5997-12MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YA8MSD

Quant Time: Nov 21 09:52:30 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

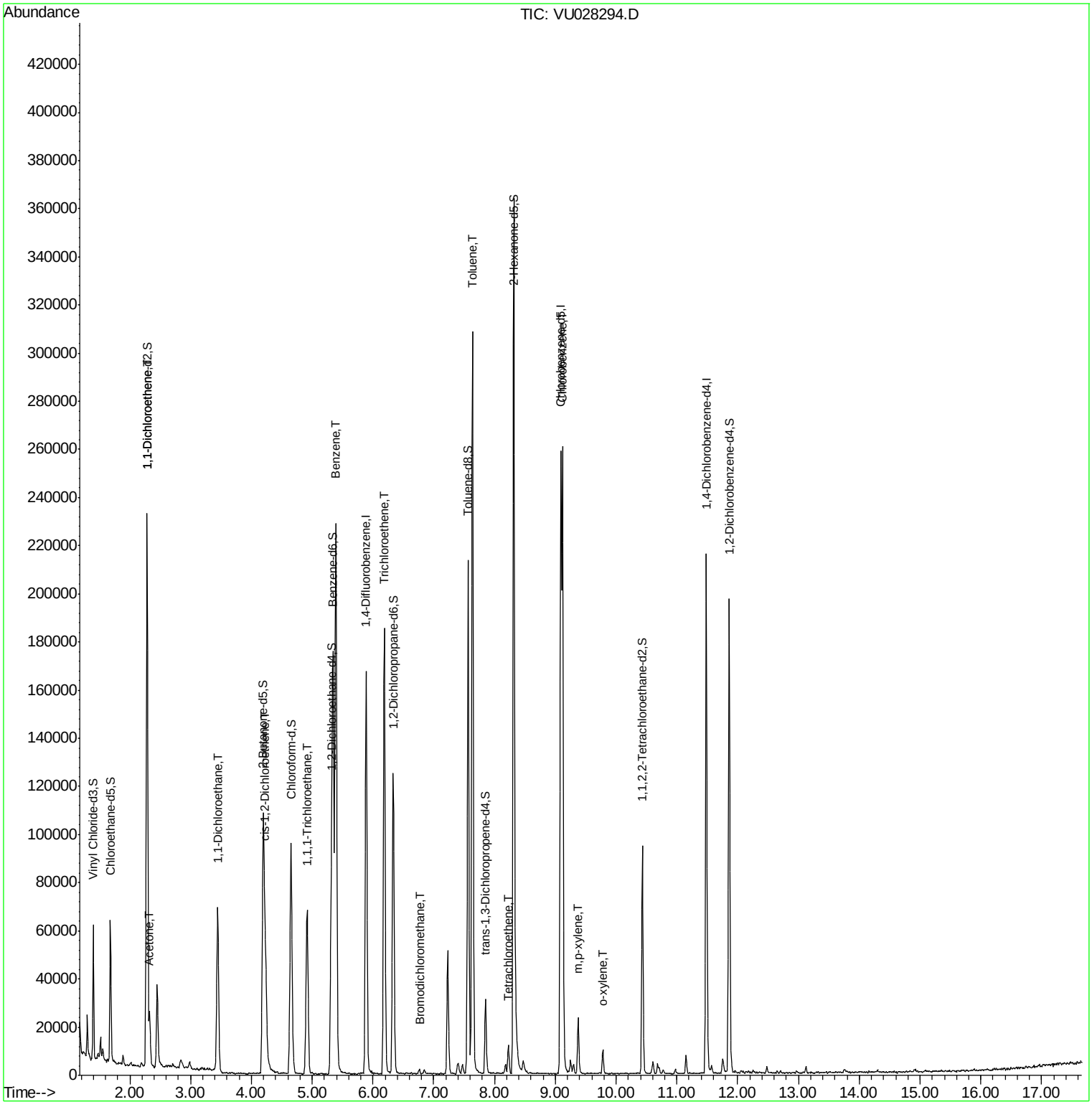
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	129268	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127232	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54797	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	36852	3.79	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.80%			
7) Chloroethane-d5	1.68	69	38728	4.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.20%			
11) 1,1-Dichloroethene-d2	2.28	63	88860	4.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 91.80%			
20) 2-Butanone-d5	4.20	46	172947	53.13	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.26%			
24) Chloroform-d	4.65	84	87067	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.00%			
26) 1,2-Dichloroethane-d4	5.31	65	48715	4.86	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.20%			
32) Benzene-d6	5.34	84	164870	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.33	67	64181	4.83	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.60%			
41) Toluene-d8	7.57	98	141114	4.31	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.20%			
43) trans-1,3-Dichloropropene-	7.85	79	16957	3.99	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.80%			
46) 2-Hexanone-d5	8.31	63	119911	47.07	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.14%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	47376	4.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.60%			
64) 1,2-Dichlorobenzene-d4	11.86	152	51115	5.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.29	96	46439	5.84	ug/L	91
13) Acetone	2.32	43	20804	9.29	ug/L	99
19) 1,1-Dichloroethane	3.45	63	73300	3.73	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	9118	0.91	ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	51587	3.60	ug/L	97
33) Benzene	5.39	78	214286	5.10	ug/L	100
34) Trichloroethene	6.19	95	65504	6.37	ug/L	95
38) Bromodichloromethane	6.76	83	1558	0.12	ug/L #	82
42) Toluene	7.64	91	219175	5.15	ug/L	99
47) Tetrachloroethene	8.23	164	2465	0.35	ug/L	93
51) Chlorobenzene	9.12	112	126390	5.16	ug/L	99
53) m,p-xylene	9.37	106	6220	0.39	ug/L	93
54) o-xylene	9.78	106	2611	0.16	ug/L	91

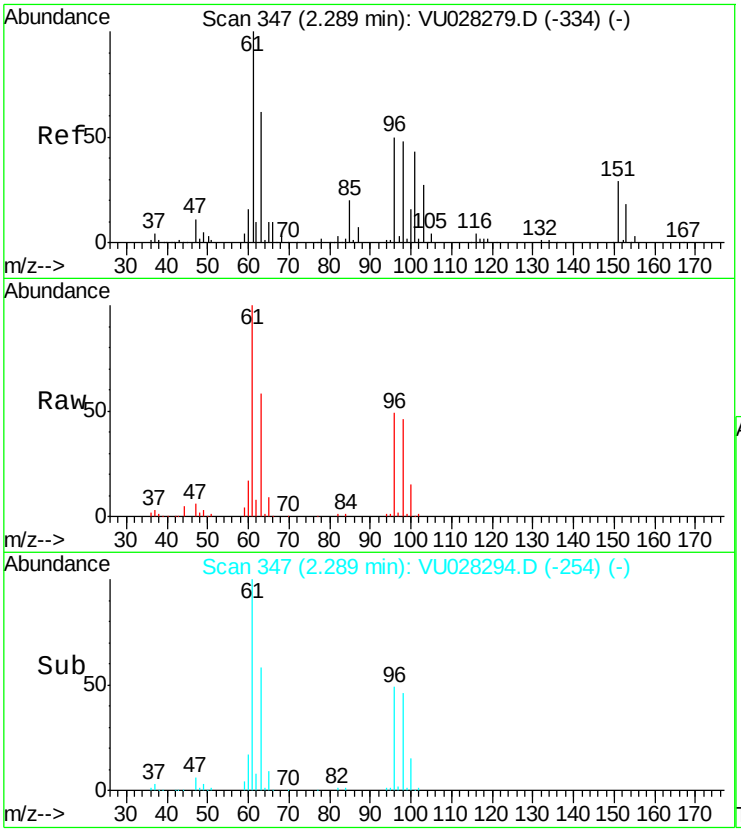
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028294.D
Acq On : 20 Nov 2018 21:44
Operator : MD/SY
Sample : J5997-12MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YA8MSD

Quant Time: Nov 21 09:52:30 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



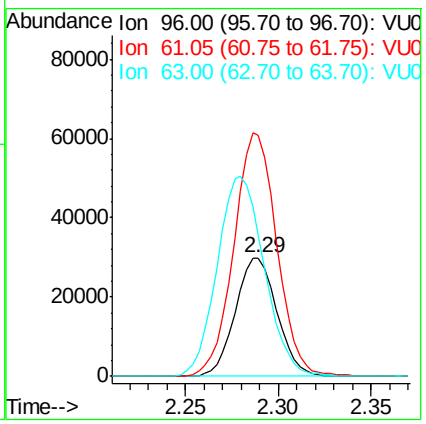


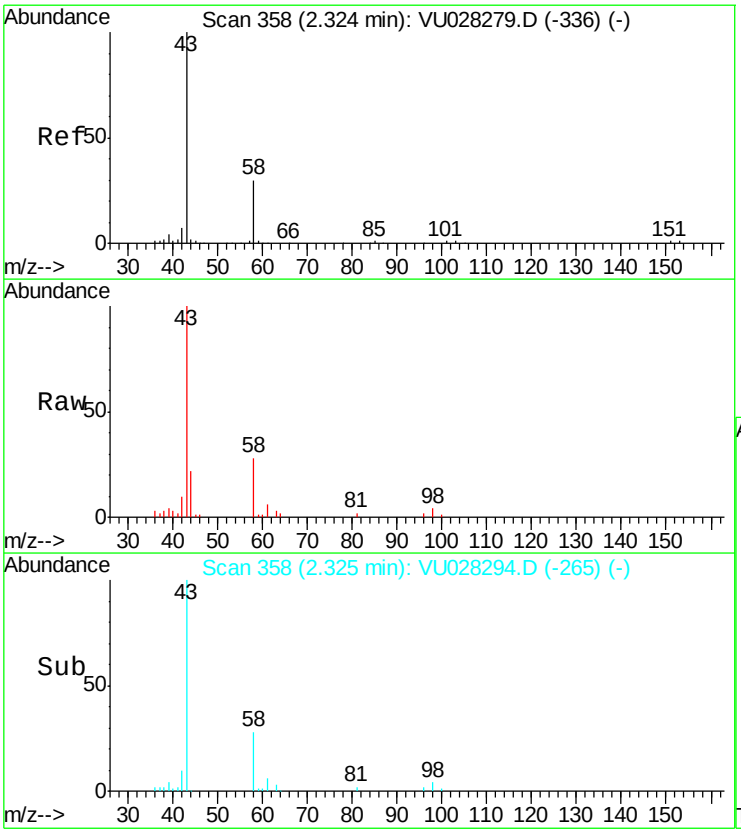
#12
1,1-Dichloroethene
Concen: 5.84 ug/L
RT: 2.29 min Scan# 347
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Instrument : MSVOA_U
ClientSampleId : E3YA8MSD

Tgt Ion: 96 Resp: 46439

Ion	Ratio	Lower	Upper
96	100		
61	203.2	145.5	270.1
63	118.8	98.6	183.2

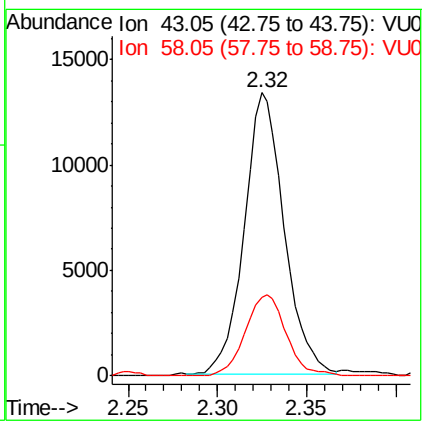


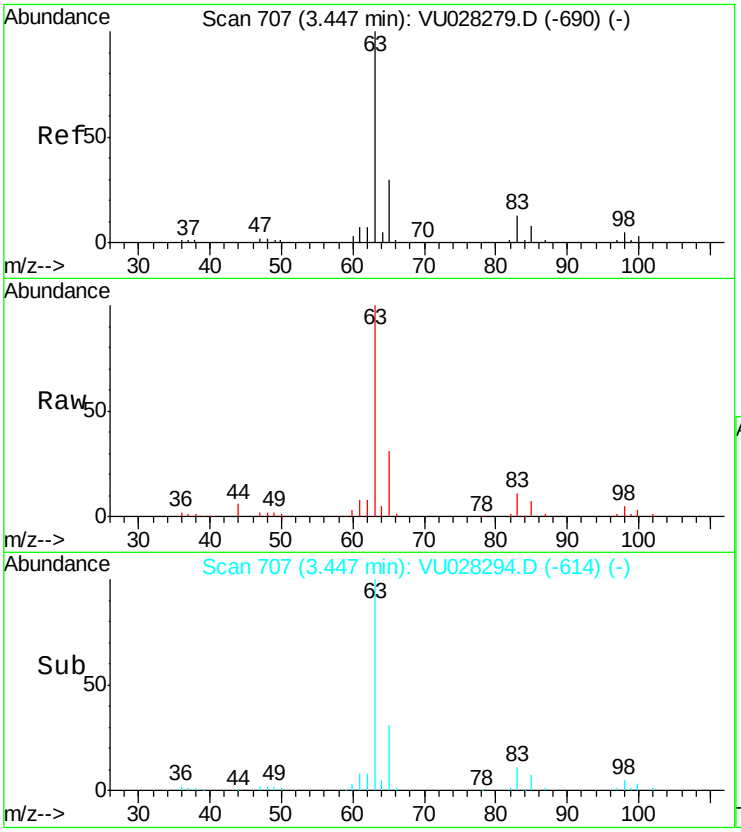


#13
Acetone
Concen: 9.29 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Tgt Ion: 43 Resp: 20804

Ion	Ratio	Lower	Upper
43	100		
58	29.8	0.0	58.6



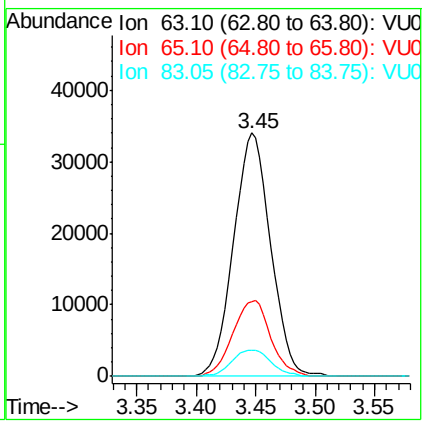


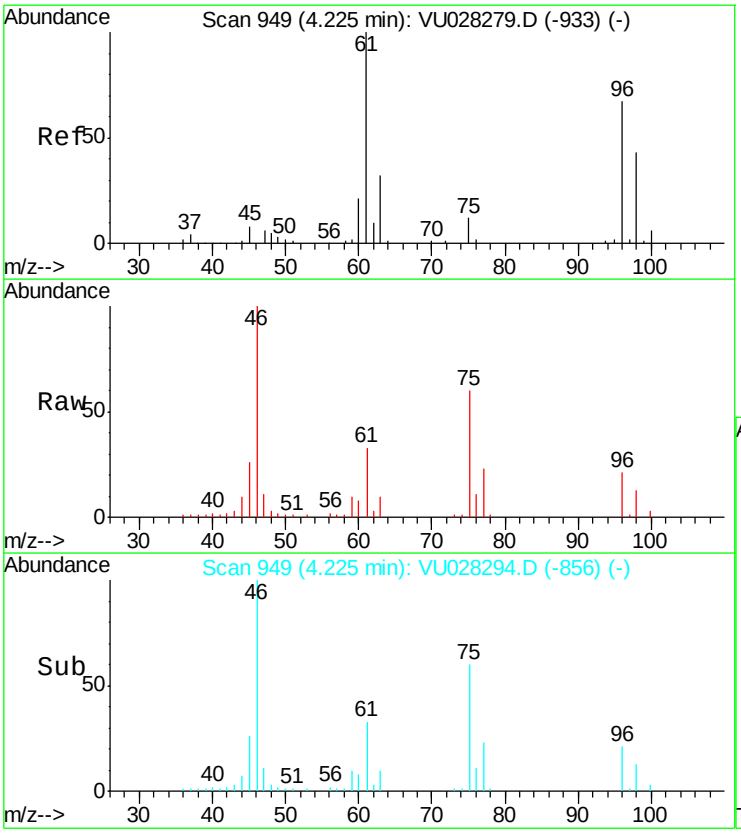
#19
1,1-Dichloroethane
Concen: 3.73 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Instrument :
MSVOA_U
ClientSampleId :
E3YA8MSD

Tgt Ion: 63 Resp: 73300

Ion	Ratio	Lower	Upper
63	100		
65	30.9	21.2	39.4
83	10.8	8.8	16.4

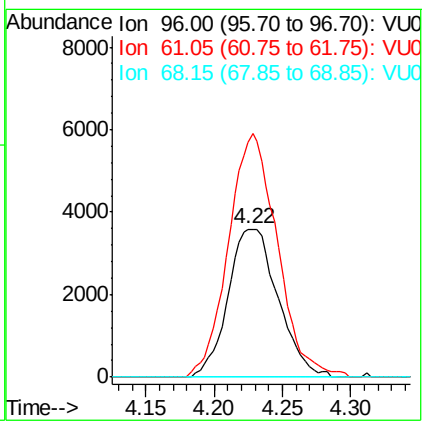


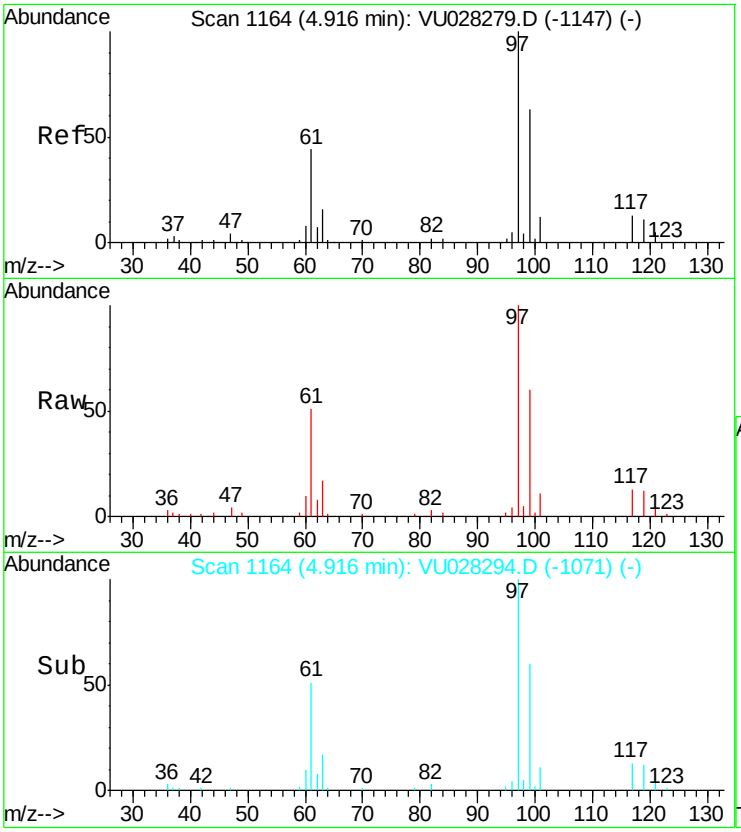


#22
cis-1,2-Dichloroethene
Concen: 0.91 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Tgt Ion: 96 Resp: 9118

Ion	Ratio	Lower	Upper
96	100		
61	158.3	108.0	200.6
68	0.0	0.0	0.0



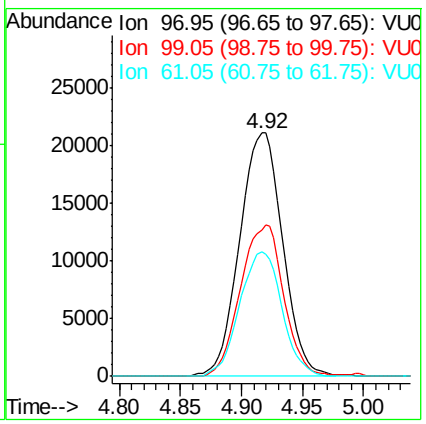


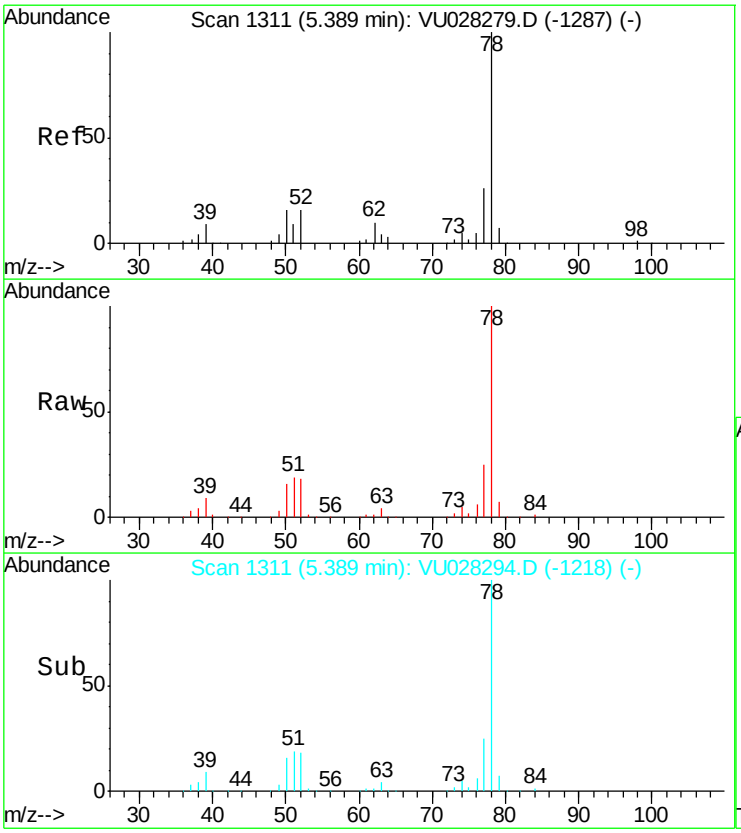
#29
1,1,1-Trichloroethane
Concen: 3.60 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Instrument :
MSVOA_U
ClientSampleId :
E3YA8MSD

Tgt Ion: 97 Resp: 51587

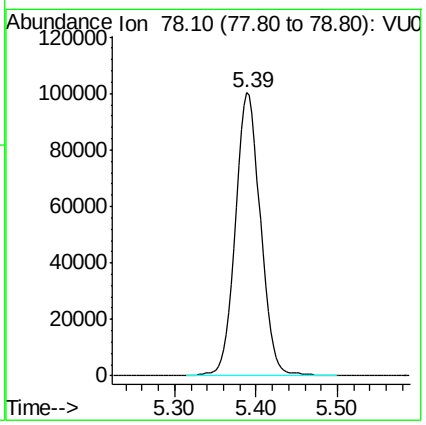
Ion	Ratio	Lower	Upper
97	100		
99	62.4	50.8	76.2
61	50.2	42.6	64.0

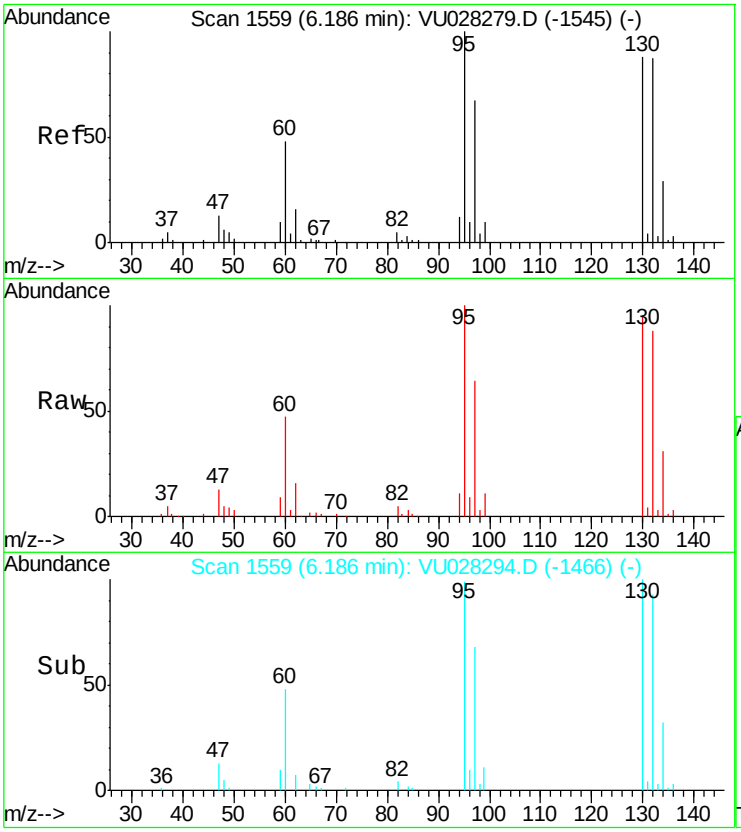




#33
Benzene
Concen: 5.10 ug/L
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Tgt Ion: 78 Resp: 214286



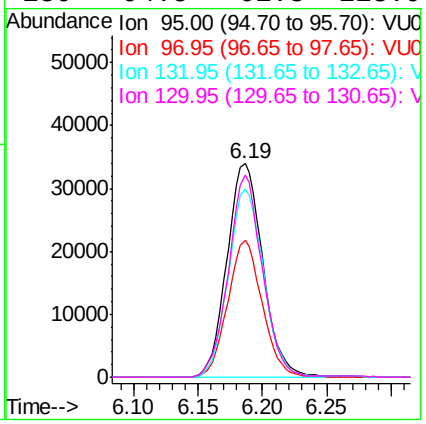


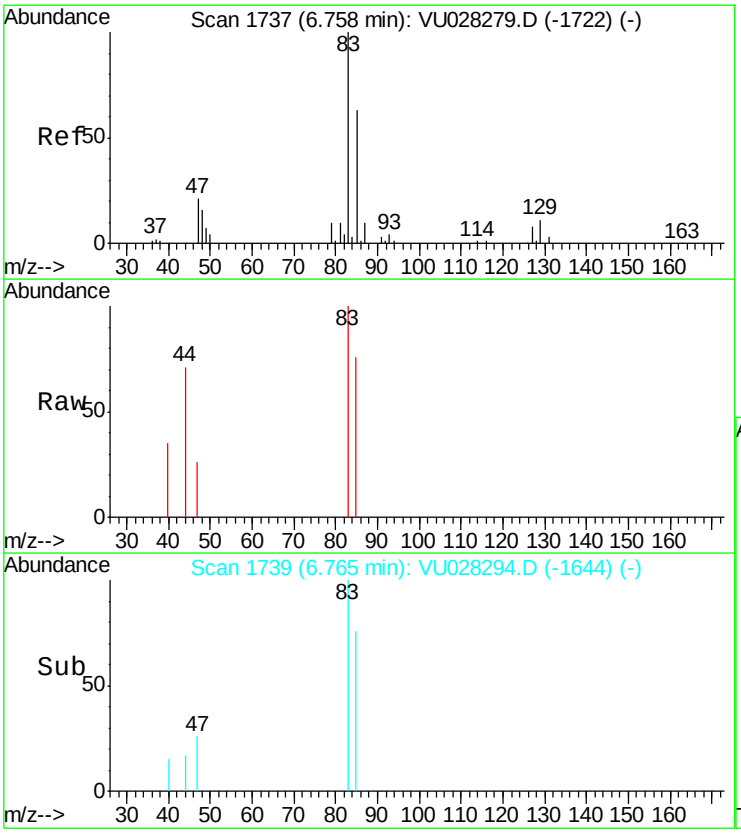
#34
Trichloroethene
Concen: 6.37 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Instrument :
MSVOA_U
ClientSampleId :
E3YA8MSD

Tgt Ion: 95 Resp: 65504

Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.5	86.3
132	88.4	58.9	109.3
130	94.5	61.3	113.9

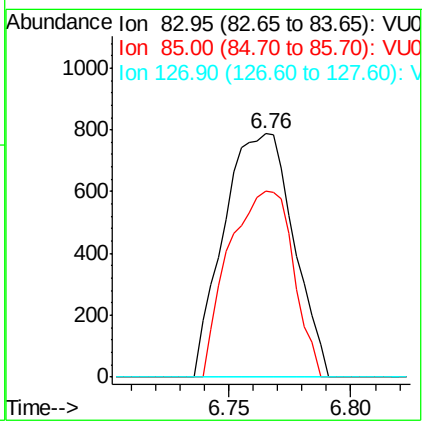


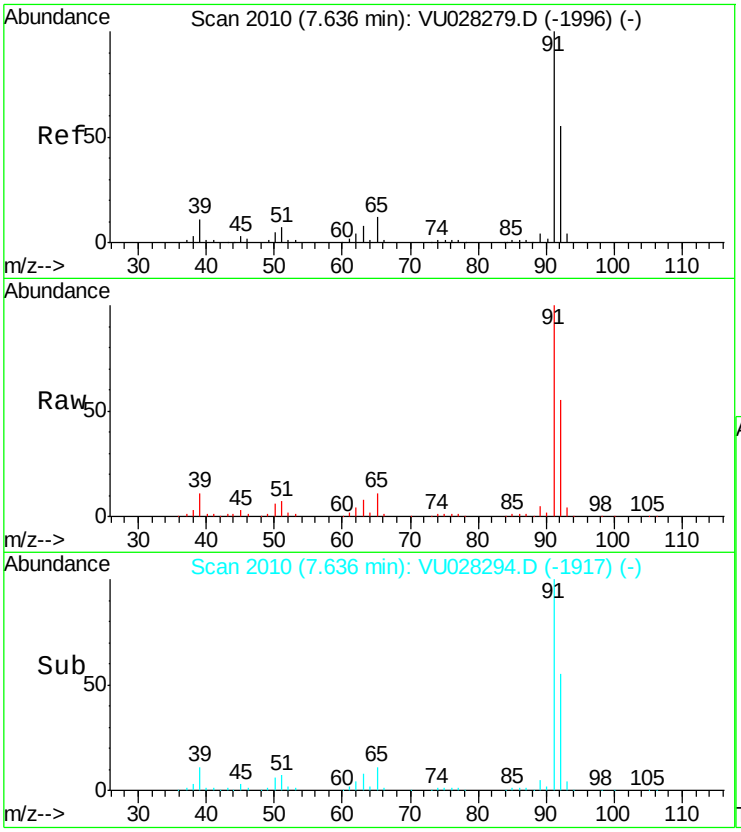


#38
Bromodichloromethane
Concen: 0.12 ug/L
RT: 6.76 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Tgt Ion: 83 Resp: 1558

Ion	Ratio	Lower	Upper
83	100		
85	76.3	44.2	82.0
127	0.0	6.2	9.4#



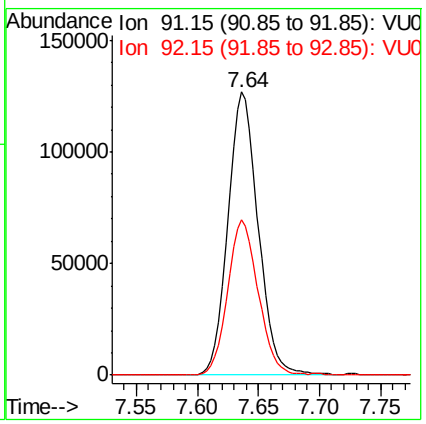


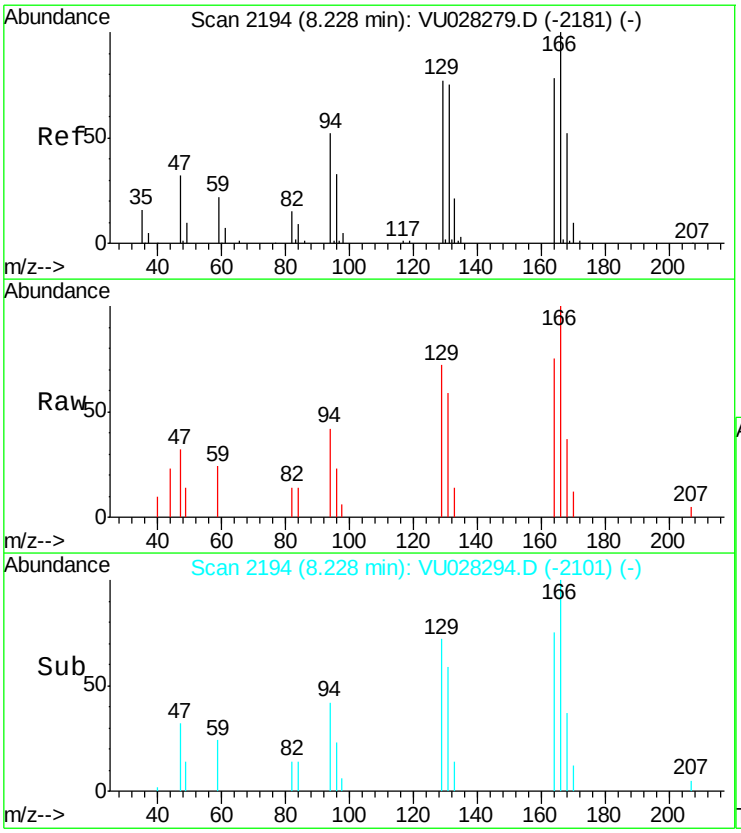
#42
Toluene
Concen: 5.15 ug/L
RT: 7.64 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Instrument : MSVOA_U
ClientSampleId : E3YA8MSD

Tgt Ion: 91 Resp: 219175

Ion	Ratio	Lower	Upper
91	100		
92	54.7	39.0	72.4

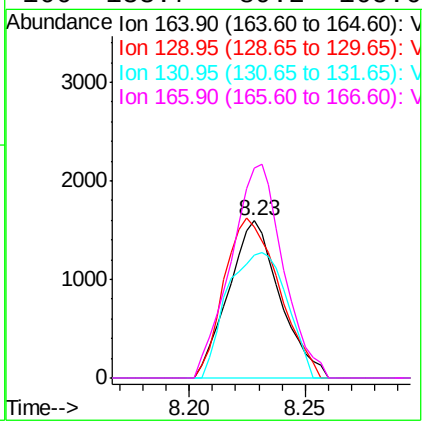


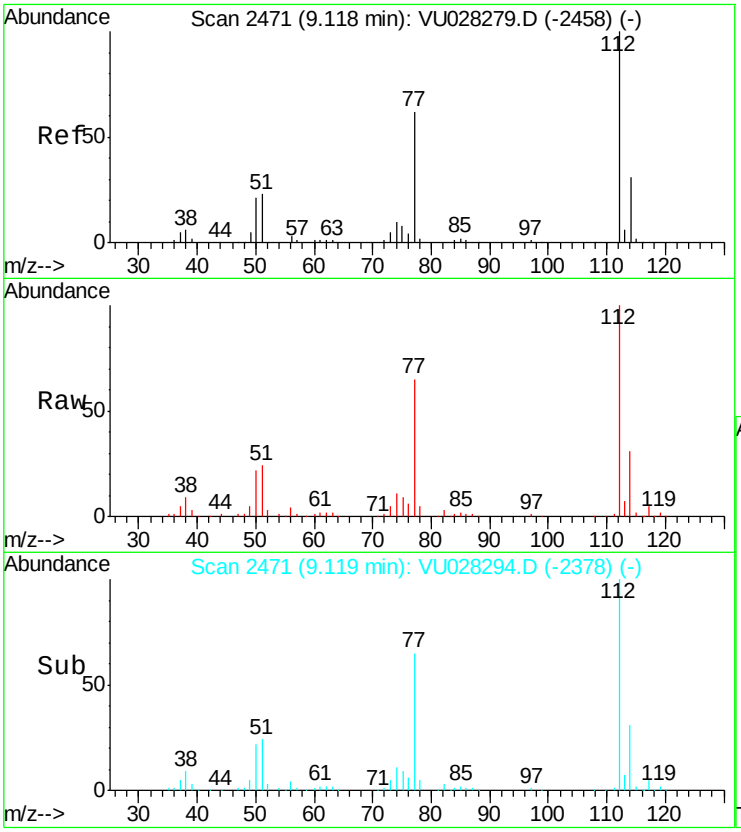


#47
Tetrachloroethene
Concen: 0.35 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Tgt Ion:164 Resp: 2465

Ion	Ratio	Lower	Upper
164	100		
129	96.2	67.6	125.6
131	78.4	66.3	123.1
166	133.7	89.2	165.6



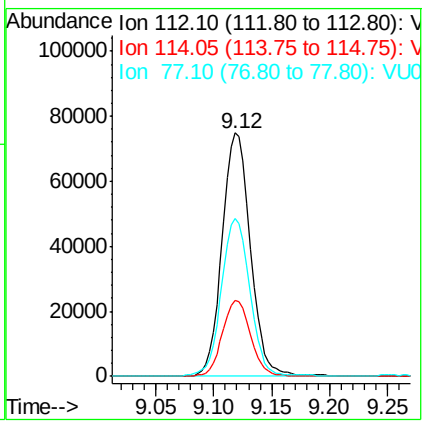


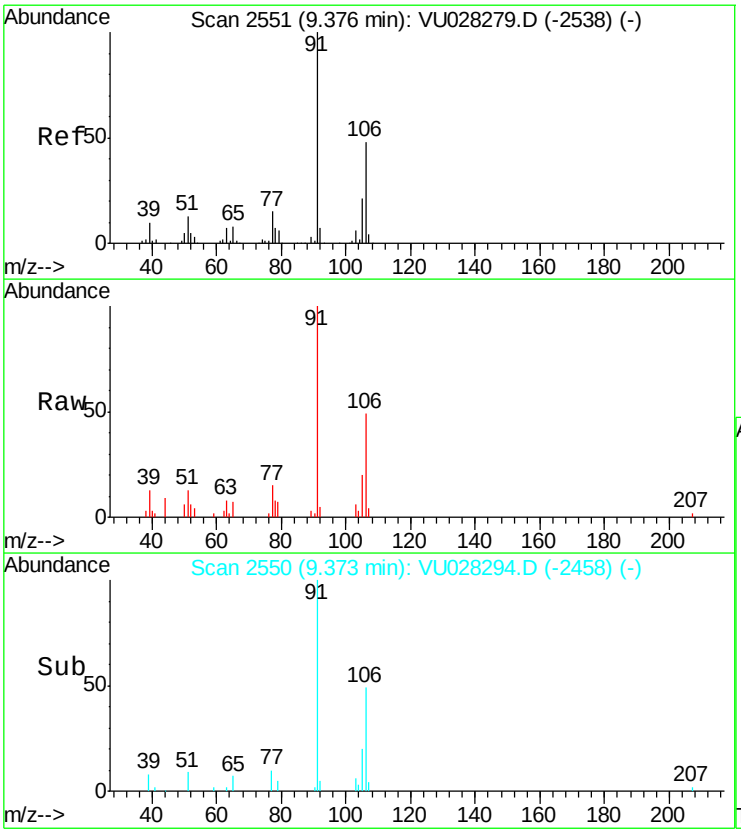
#51
Chlorobenzene
Concen: 5.16 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Instrument : MSVOA_U
ClientSampleId : E3YA8MSD

Tgt Ion:112 Resp: 126390

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.3	41.5
77	65.1	52.4	78.6

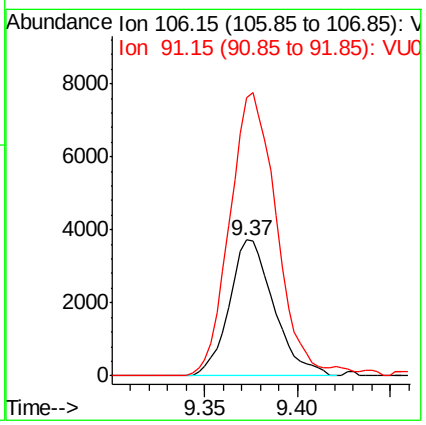


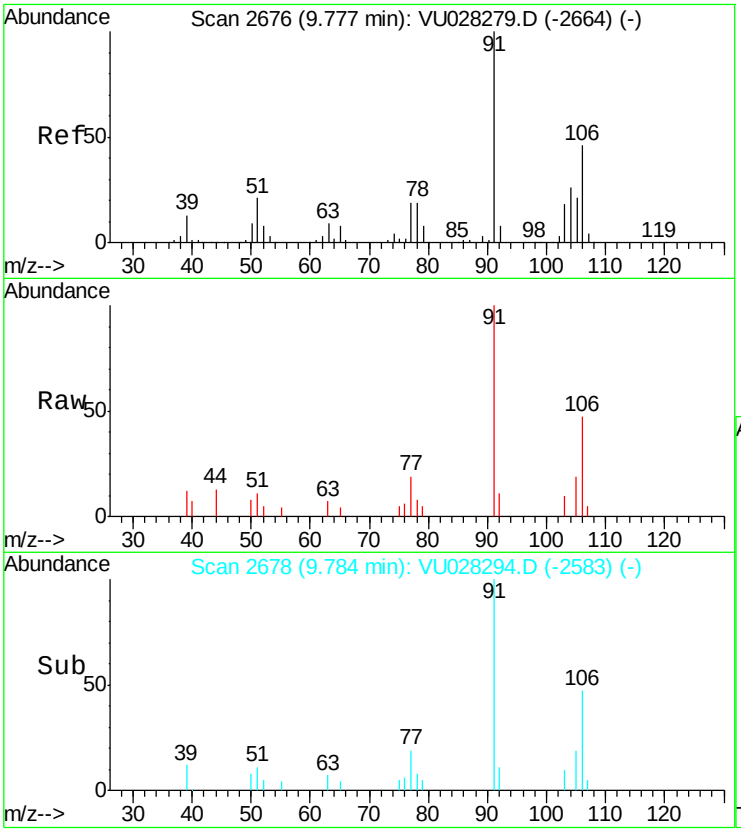


#53
m,p-xylene
Concen: 0.39 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Tgt Ion:106 Resp: 6220

Ion	Ratio	Lower	Upper
106	100		
91	204.5	150.6	279.6





#54
o-xylene
Concen: 0.16 ug/L
RT: 9.78 min Scan# 2678
Delta R.T. 0.01 min
Lab File: VU028294.D
Acq: 20 Nov 2018 21:44

Instrument :
MSVOA_U
ClientSampleId :
E3YA8MSD

Tgt Ion:106 Resp: 2611

Ion	Ratio	Lower	Upper
106	100		
91	210.6	157.5	292.5