Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028292.D
Acq On : 20 Nov 2018 20:56
Operator : MD/SY
Sample : J5997-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YA8

Quant Time: Nov 21 09:50:30 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

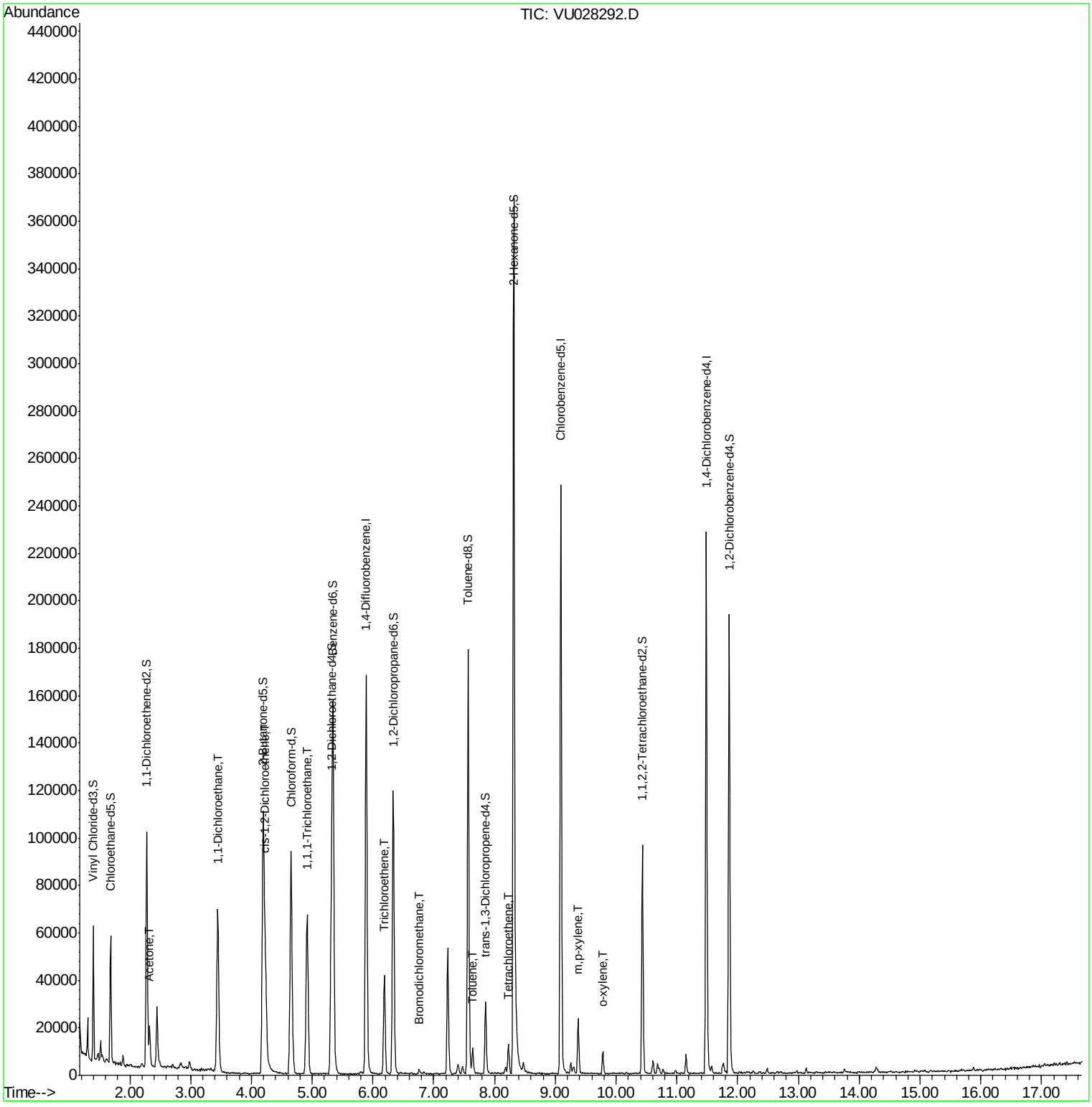
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133841	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	128424	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56377	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	36772	3.65	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.00%			
7) Chloroethane-d5	1.68	69	34709	3.99	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.80%			
11) 1,1-Dichloroethene-d2	2.28	63	54928	2.74	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 54.80%#			
20) 2-Butanone-d5	4.19	46	183696	54.50	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 109.00%			
24) Chloroform-d	4.65	84	82177	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.40%			
26) 1,2-Dichloroethane-d4	5.31	65	46206	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.00%			
32) Benzene-d6	5.34	84	151274	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
36) 1,2-Dichloropropane-d6	6.33	67	61110	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.57	98	117654	3.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.20%			
43) trans-1,3-Dichloropropene-	7.85	79	17054	3.98	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.60%			
46) 2-Hexanone-d5	8.31	63	127333	49.52	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.04%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	50076	5.17	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.40%			
64) 1,2-Dichlorobenzene-d4	11.86	152	49849	4.75	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
13) Acetone	2.32	43	17967	7.75	ug/L	95
19) 1,1-Dichloroethane	3.45	63	76455	3.76	ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	8844	0.85	ug/L	90
29) 1,1,1-Trichloroethane	4.92	97	50277	3.47	ug/L	99
34) Trichloroethene	6.19	95	14312	1.38	ug/L	95
38) Bromodichloromethane	6.76	83	1538	0.12	ug/L #	95
42) Toluene	7.64	91	7255	0.17	ug/L	98
47) Tetrachloroethene	8.23	164	2747	0.38	ug/L	90
53) m,p-xylene	9.37	106	6737	0.42	ug/L	99
54) o-xylene	9.78	106	2539	0.16	ug/L	74

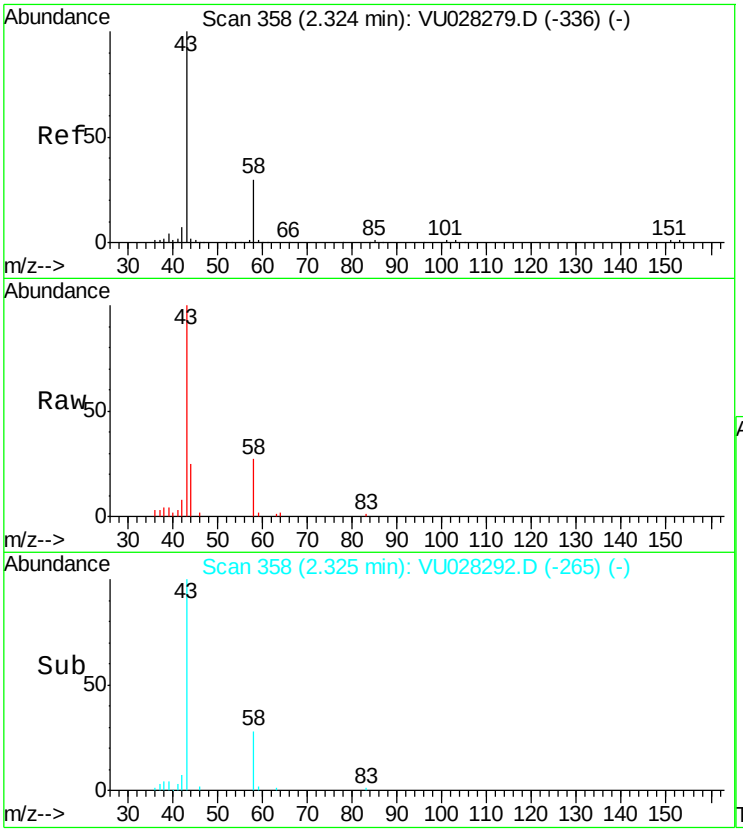
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112018\
Data File : VU028292.D
Acq On : 20 Nov 2018 20:56
Operator : MD/SY
Sample : J5997-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YA8

Quant Time: Nov 21 09:50:30 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



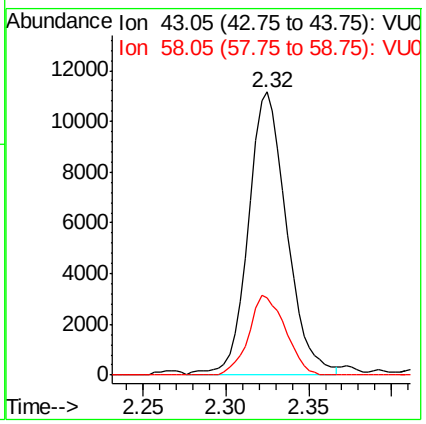


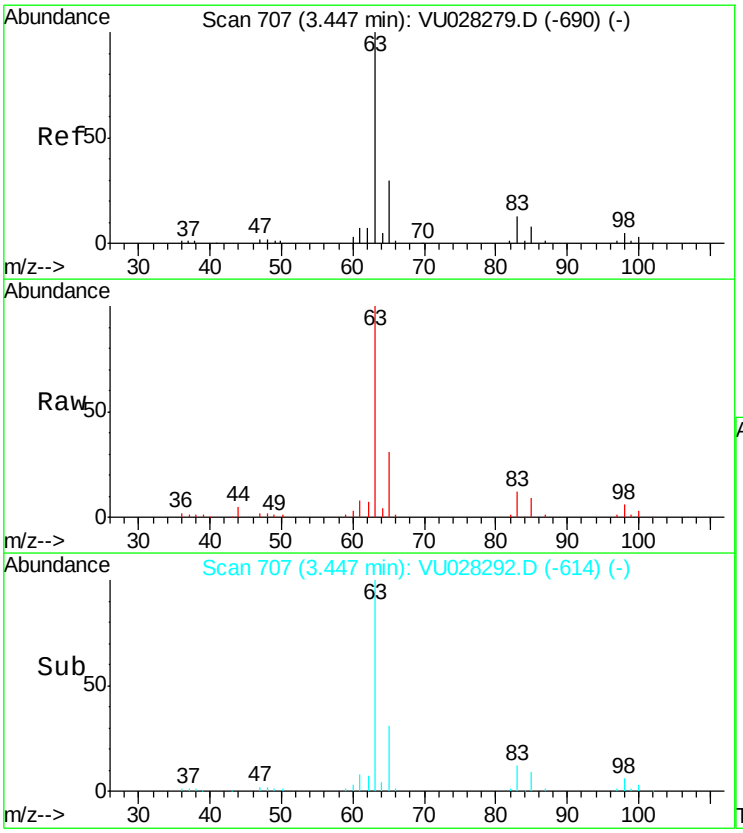
#13
Acetone
Concen: 7.75 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Instrument : MSVOA_U
ClientSampleId : E3YA8

Tgt Ion: 43 Resp: 17967

Ion	Ratio	Lower	Upper
43	100		
58	26.8	0.0	58.6

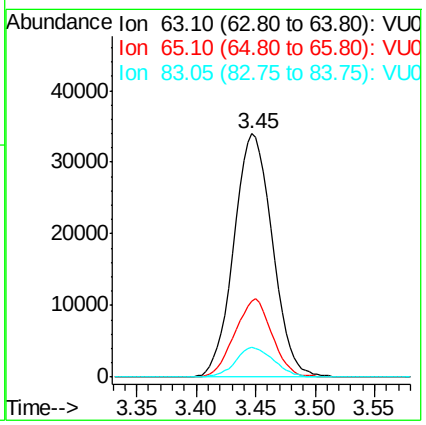


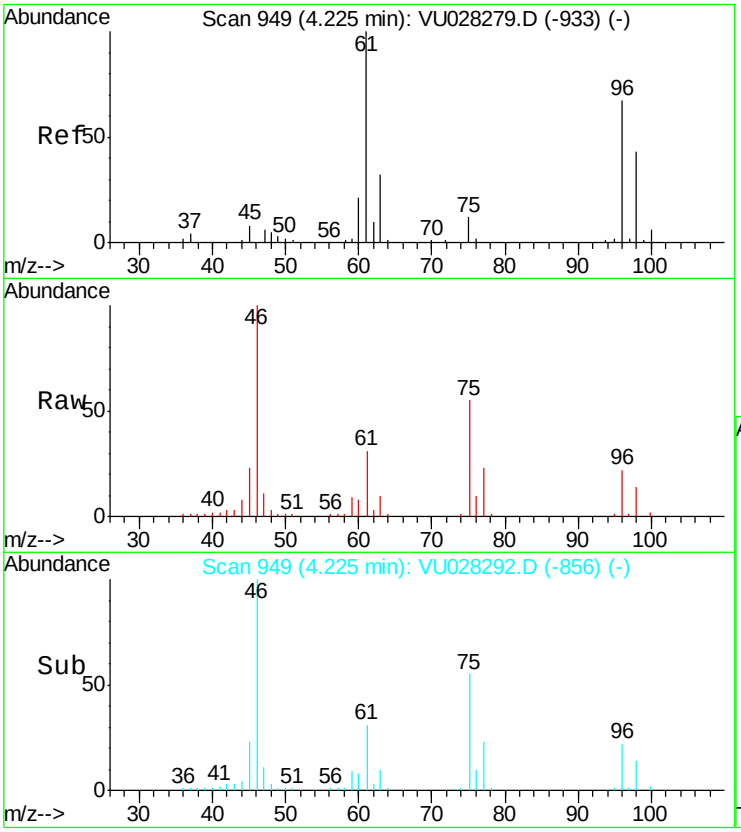


#19
1,1-Dichloroethane
Concen: 3.76 ug/L
RT: 3.45 min Scan# 707
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Tgt Ion: 63 Resp: 76455

Ion	Ratio	Lower	Upper
63	100		
65	31.1	21.2	39.4
83	12.4	8.8	16.4



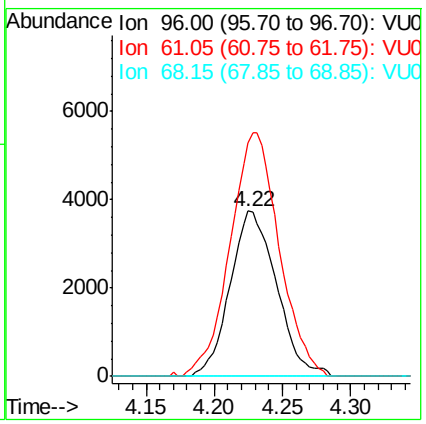


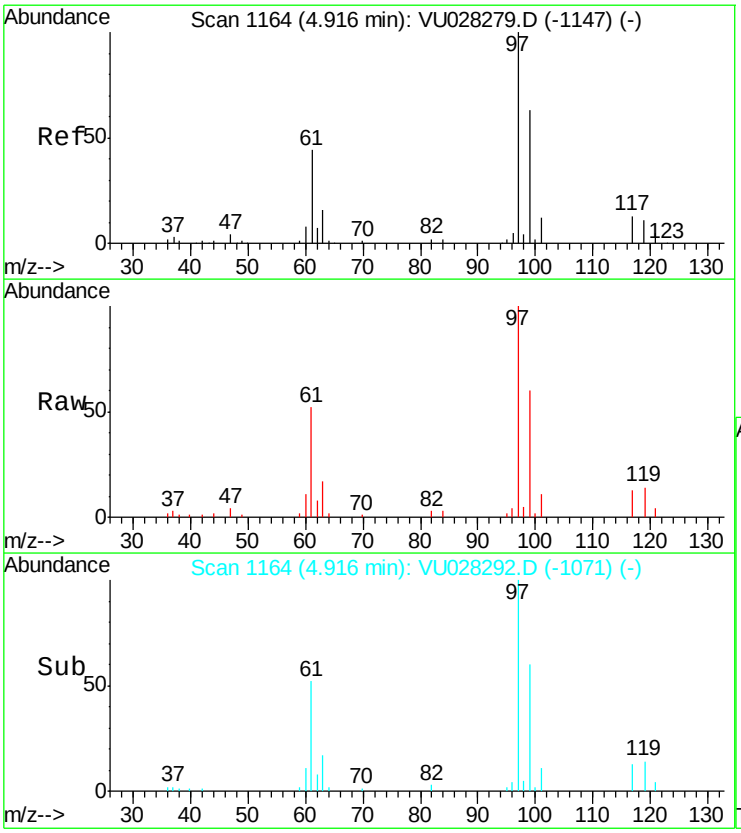
#22
cis-1,2-Dichloroethene
Concen: 0.85 ug/L
RT: 4.22 min Scan# 949
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Instrument :
MSVOA_U
ClientSampleId :
E3YA8

Tgt Ion: 96 Resp: 8844

Ion	Ratio	Lower	Upper
96	100		
61	141.1	108.0	200.6
68	0.0	0.0	0.0

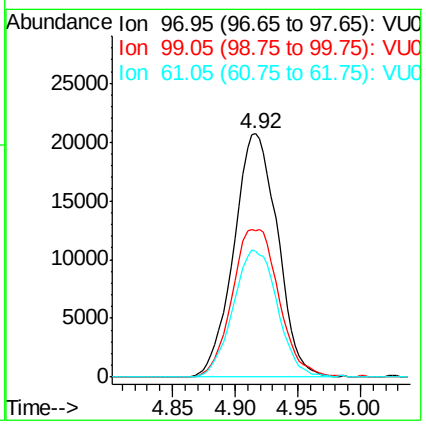


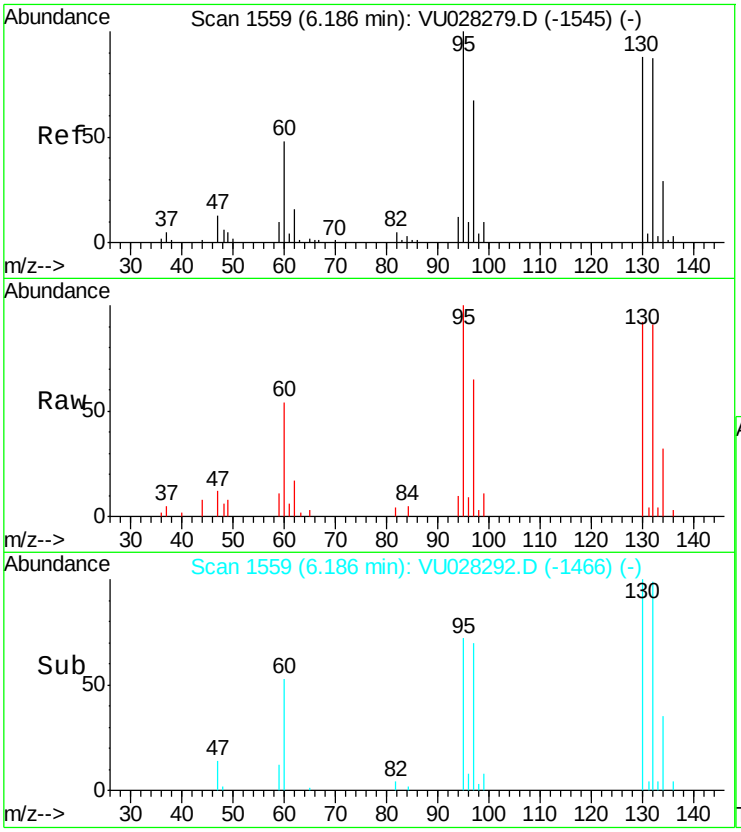


#29
1,1,1-Trichloroethane
Concen: 3.47 ug/L
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Tgt Ion: 97 Resp: 50277

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.8	76.2
61	52.8	42.6	64.0



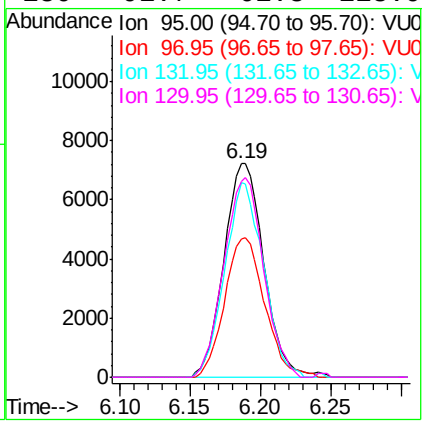


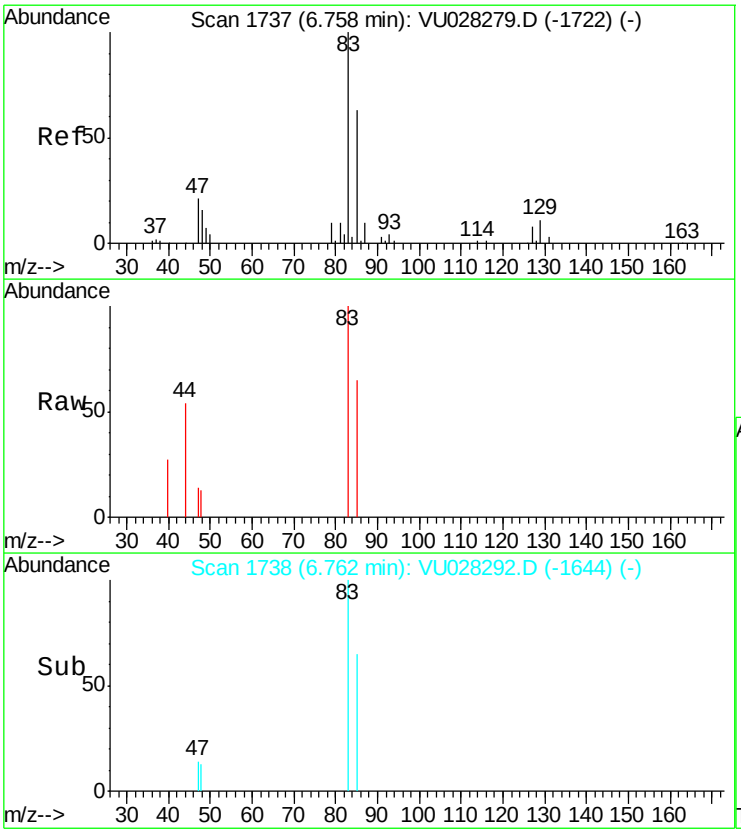
#34
Trichloroethene
Concen: 1.38 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Instrument :
MSVOA_U
ClientSampleId :
E3YA8

Tgt Ion: 95 Resp: 14312

Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.5	86.3
132	90.9	58.9	109.3
130	91.7	61.3	113.9

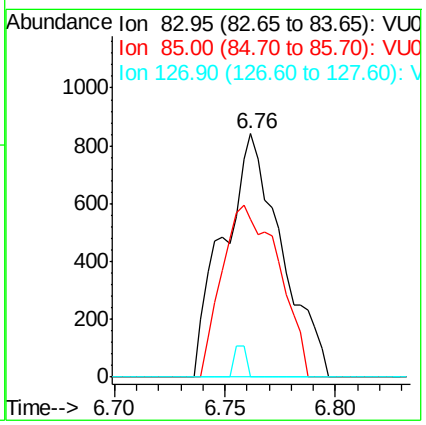


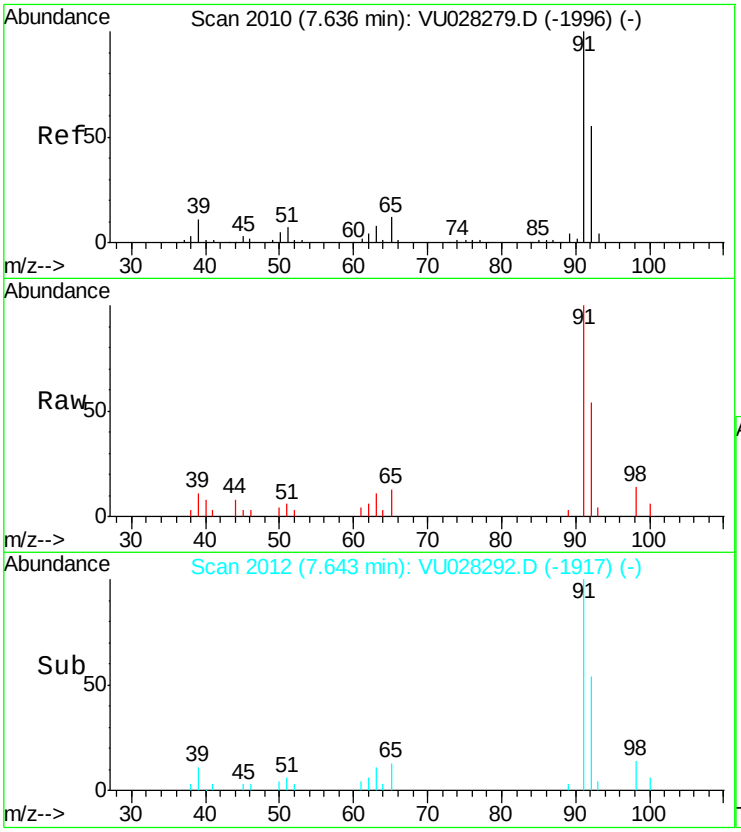


#38
Bromodichloromethane
Concen: 0.12 ug/L
RT: 6.76 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Tgt Ion: 83 Resp: 1538

Ion	Ratio	Lower	Upper
83	100		
85	65.0	44.2	82.0
127	0.0	6.2	9.4#



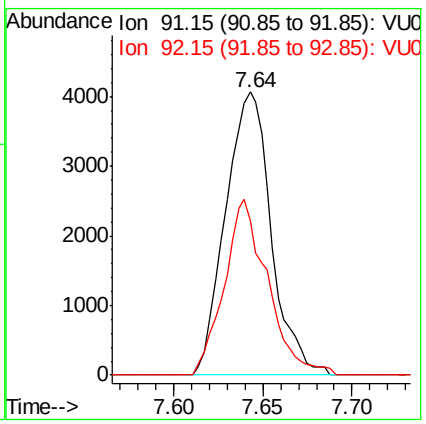


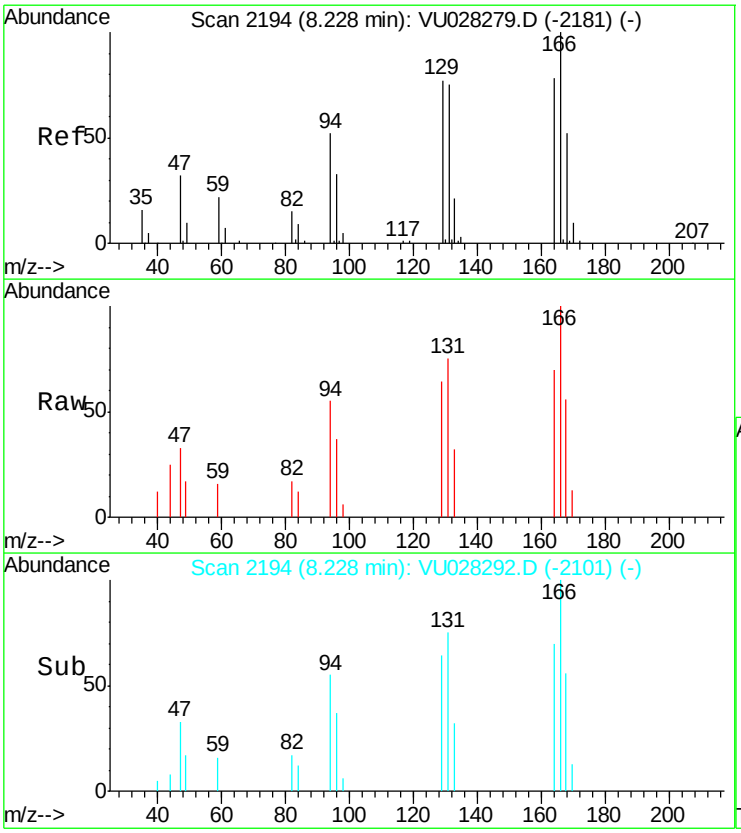
#42
Toluene
Concen: 0.17 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.01 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Instrument : MSVOA_U
ClientSampleId : E3YA8

Tgt Ion: 91 Resp: 7255

Ion	Ratio	Lower	Upper
91	100		
92	54.3	39.0	72.4

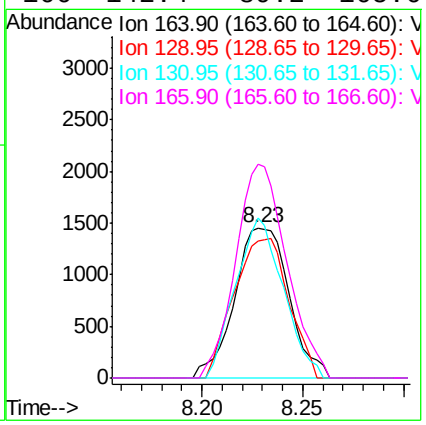


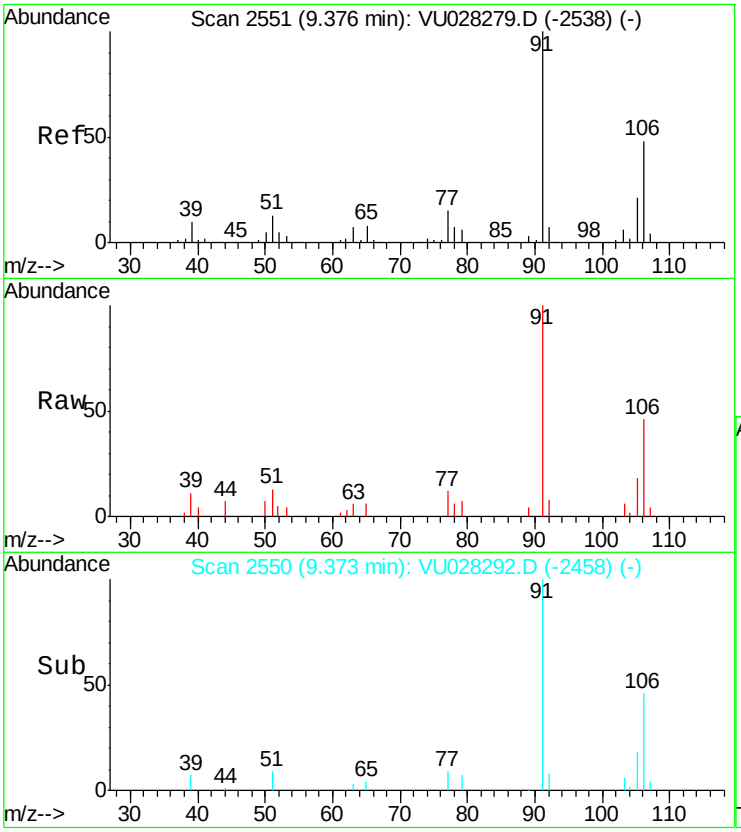


#47
Tetrachloroethene
Concen: 0.38 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Tgt Ion:164 Resp: 2747

Ion	Ratio	Lower	Upper
164	100		
129	91.7	67.6	125.6
131	106.3	66.3	123.1
166	142.4	89.2	165.6



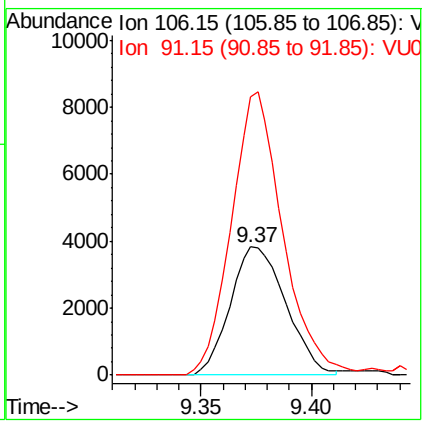


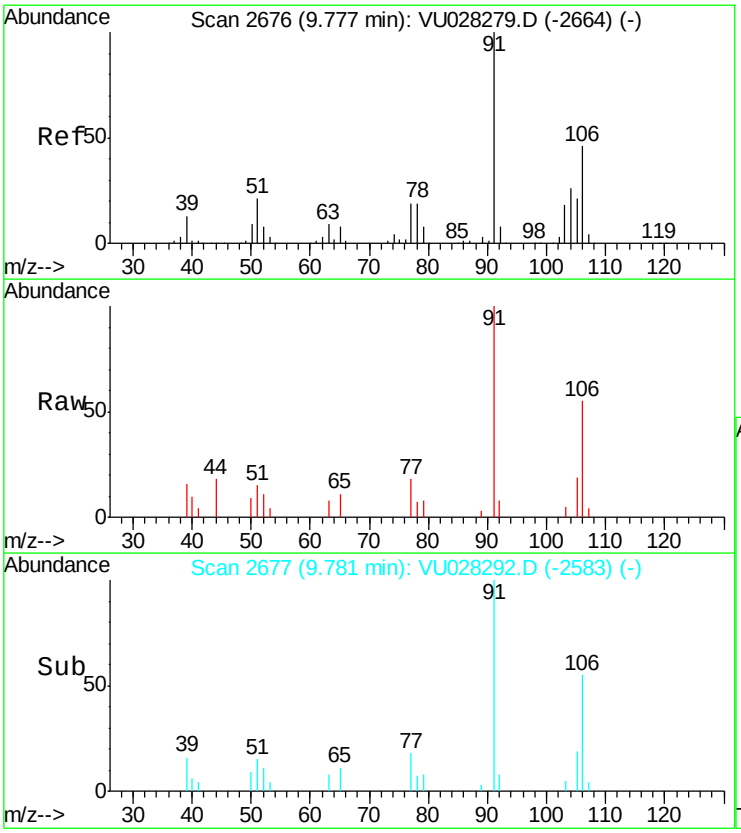
#53
m,p-xylene
Concen: 0.42 ug/L
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Instrument :
MSVOA_U
ClientSampleId :
E3YA8

Tgt Ion:106 Resp: 6737

Ion	Ratio	Lower	Upper
106	100		
91	216.9	150.6	279.6





#54
o-xylene
Concen: 0.16 ug/L
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU028292.D
Acq: 20 Nov 2018 20:56

Tgt Ion:106 Resp: 2539

Ion	Ratio	Lower	Upper
106	100		
91	182.5	157.5	292.5