Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101218\

Quantitation Report (Not Reviewed)

Data File : VU027648.D
Acq On : 13 Oct 2018 01:04
Operator : MD/SY
Sample : J5405-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08Y8

Quant Time: Oct 13 04:12:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 04:07:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	175719	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162025	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62305	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52311	37.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 75.66%			
7) Chloroethane-d5	1.68	69	43747	41.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 82.12%			
11) 1,1-Dichloroethene-d2	2.28	63	75581	29.14	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.28%#			
21) 2-Butanone-d5	4.18	46	99735	89.34	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.34%			
24) Chloroform-d	4.65	84	99342	44.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.82%			
26) 1,2-Dichloroethane-d4	5.31	65	68995	44.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.02%			
32) Benzene-d6	5.34	84	194006	41.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.56%			
36) 1,2-Dichloropropane-d6	6.33	67	70682	44.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.88%			
41) Toluene-d8	7.57	98	154523	37.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.46%#			
43) trans-1,3-Dichloropropene-	7.85	79	28540	37.24	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.48%			
47) 2-Hexanone-d5	8.31	63	64049	79.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91276	43.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.76%			
64) 1,2-Dichlorobenzene-d4	11.86	152	54779	44.94	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.88%			
Target Compounds						Qvalue
13) Acetone	2.33	43	830	0.906	ug/L	74
25) Chloroform	4.67	83	3772	1.504	ug/L	93
37) 1,2-Dichloropropane	6.33	63	7496	4.859	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1554	0.686	ug/L #	47
44) trans-1,3-Dichloropropene	7.85	75	1237	0.588	ug/L #	75
46) Tetrachloroethene	8.23	164	4583	4.816	ug/L	91
49) Dibromochloromethane	8.23	129	4219	3.267	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8491	4.862	ug/L	95

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

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Quant Title : VOC Analysis
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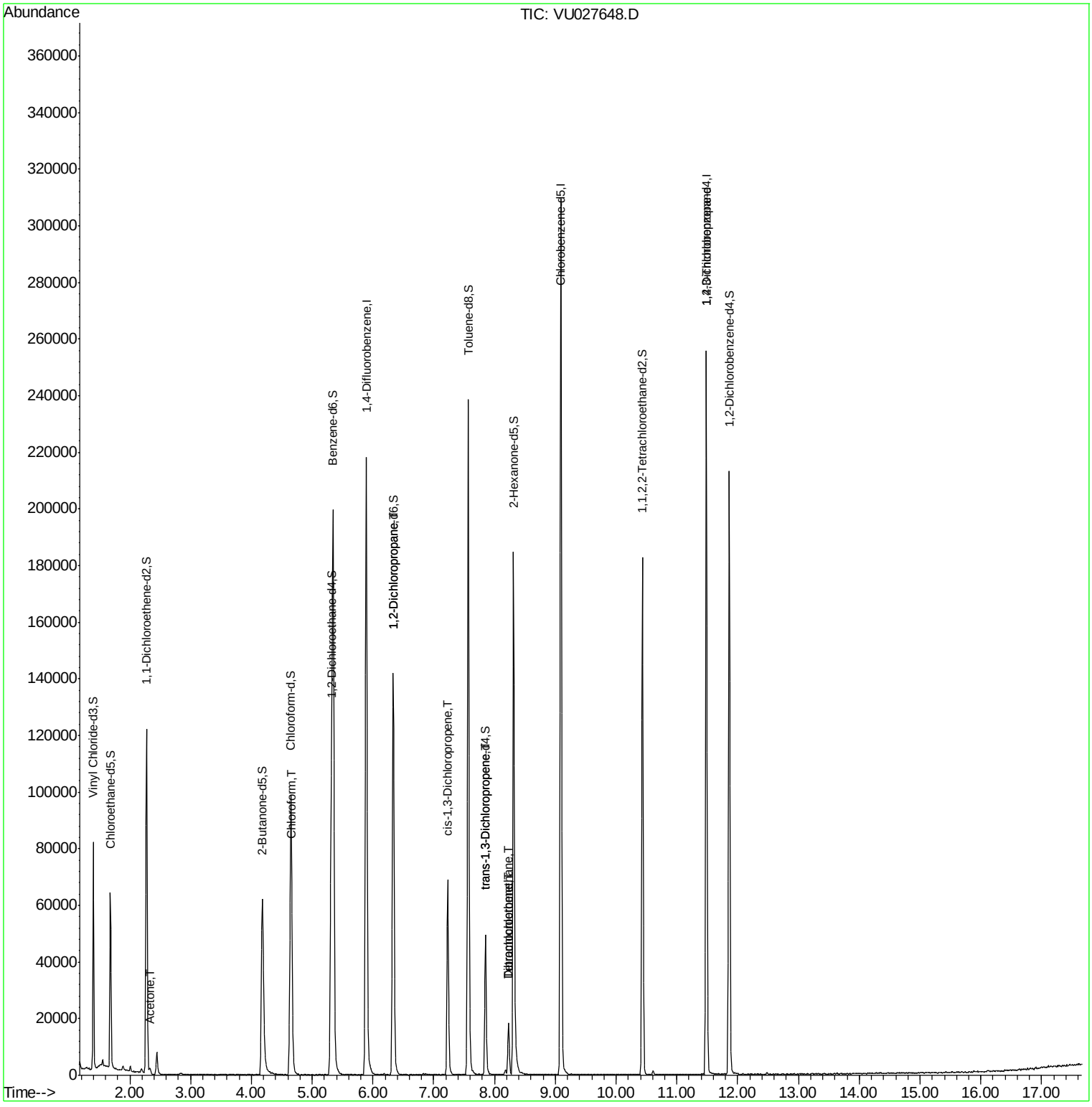
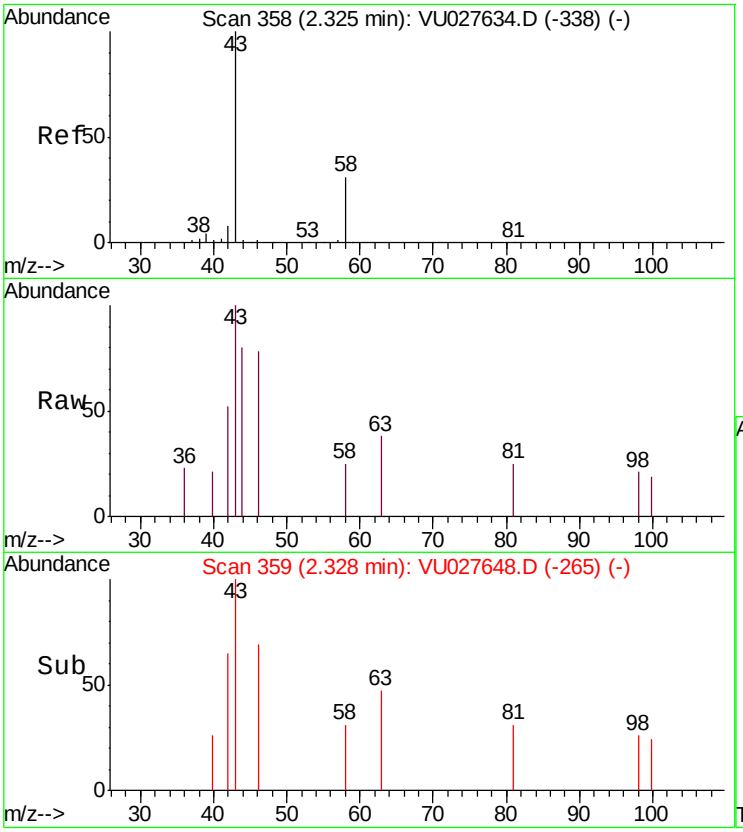


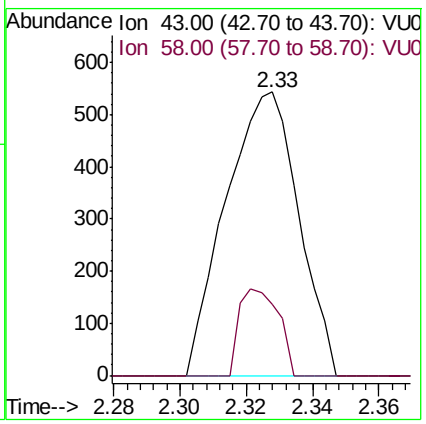


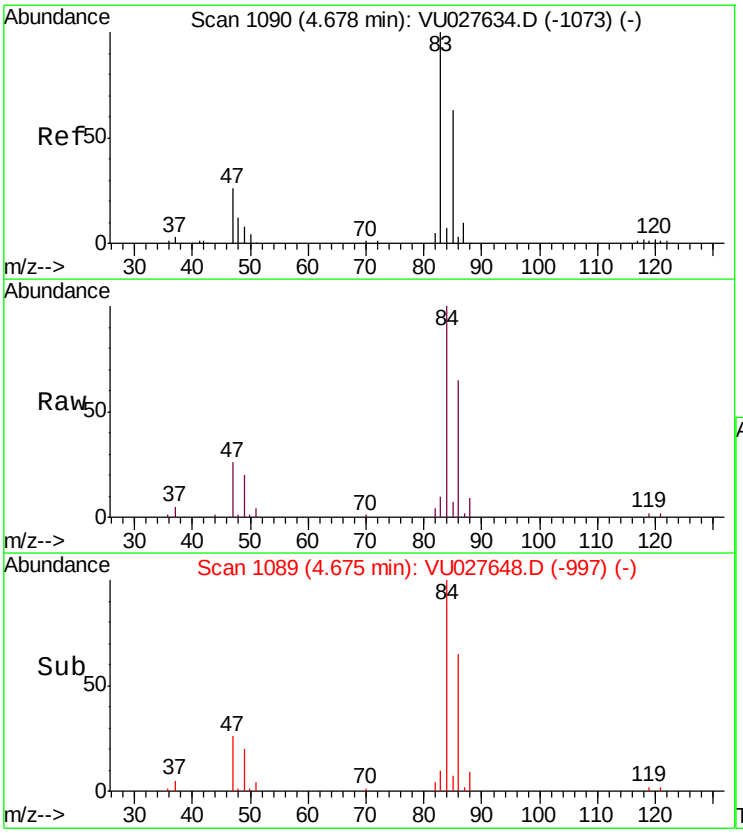
#13
Acetone
Concen: 0.906 ug/L
RT: 2.33 min Scan# 359
Delta R.T. 0.00 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Instrument : MSVOA_U
ClientSampleId : C08Y8

Tgt Ion: 43 Resp: 830

Ion	Ratio	Lower	Upper
43	100		
58	16.4	0.0	60.8

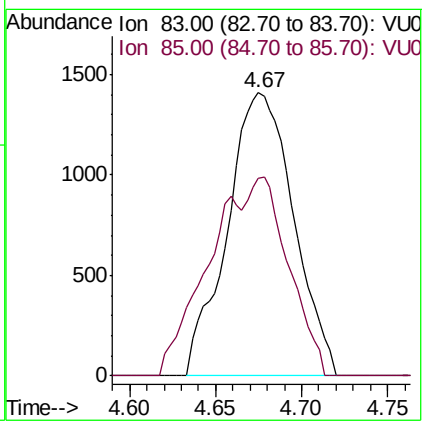


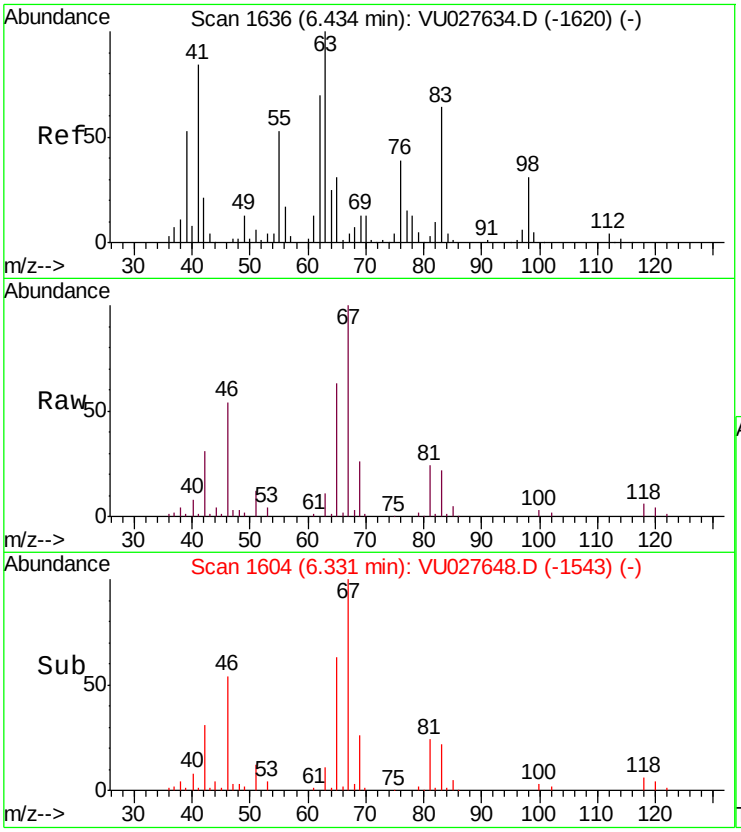


#25
Chloroform
Concen: 1.504 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Tgt Ion: 83 Resp: 3772

Ion	Ratio	Lower	Upper
83	100		
85	69.7	45.0	83.6



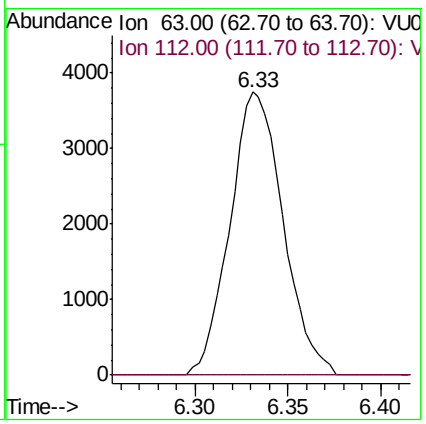


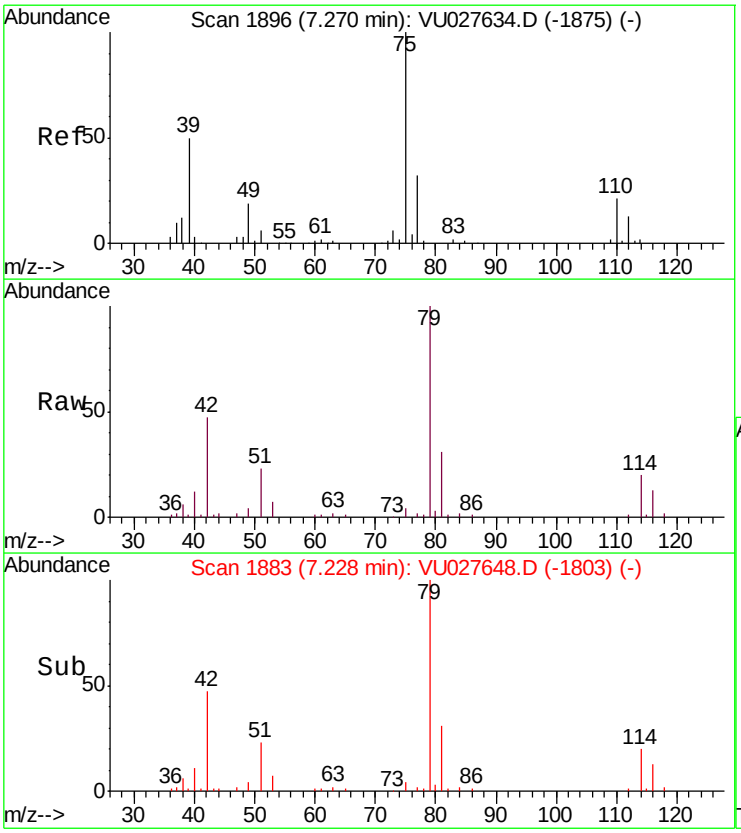
#37
1,2-Dichloropropane
Concen: 4.859 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Instrument : MSVOA_U
ClientSampleId : C08Y8

Tgt Ion: 63 Resp: 7496

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

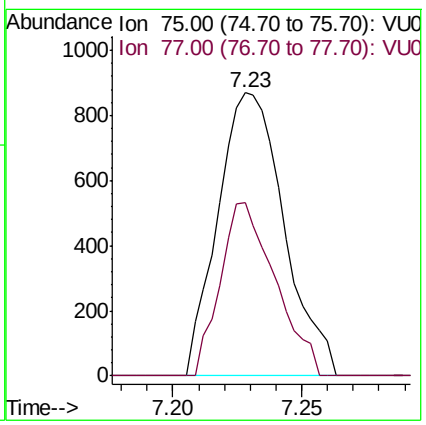


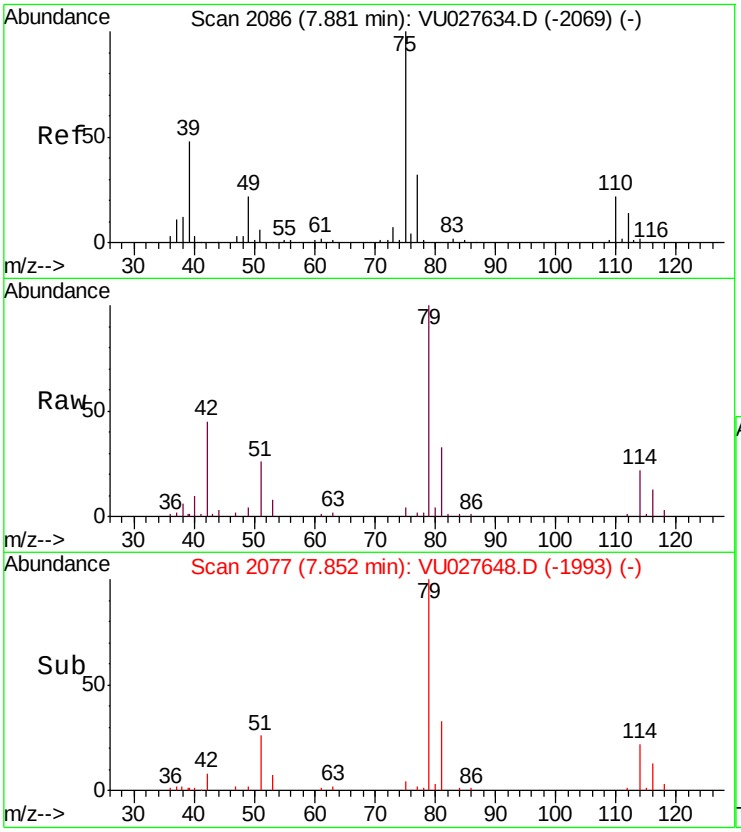


#39
cis-1,3-Dichloropropene
Concen: 0.686 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Tgt Ion: 75 Resp: 1554

Ion	Ratio	Lower	Upper
75	100		
77	61.1	22.1	41.1#



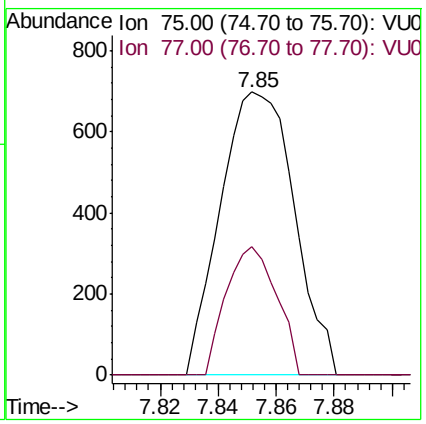


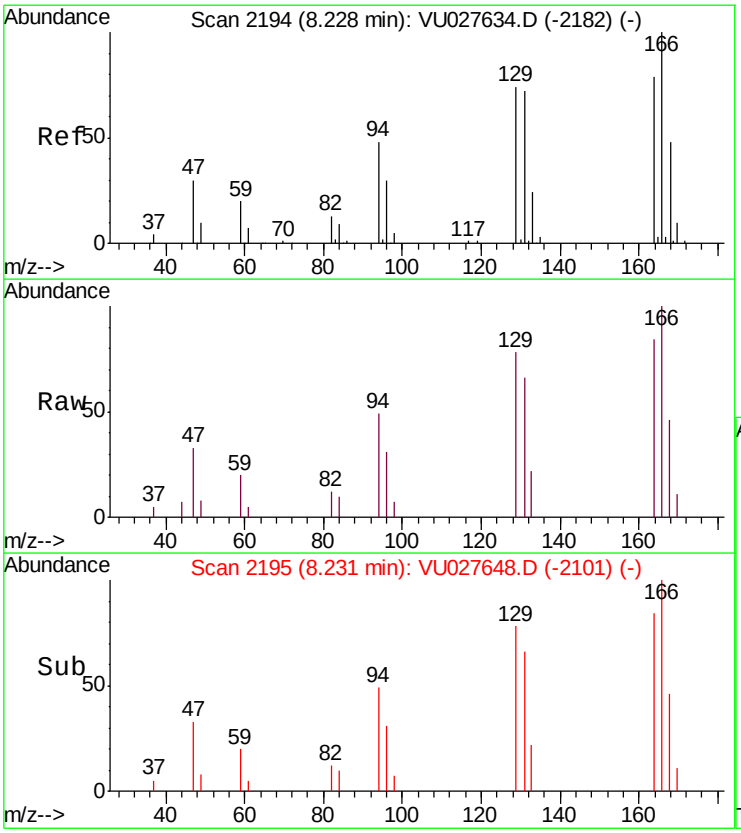
#44
trans-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Instrument :
MSVOA_U
ClientSampleId :
C08Y8

Tgt Ion: 75 Resp: 1237

Ion	Ratio	Lower	Upper
75	100		
77	45.4	22.2	41.2#

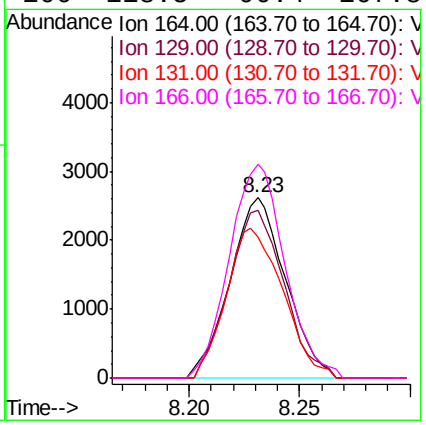


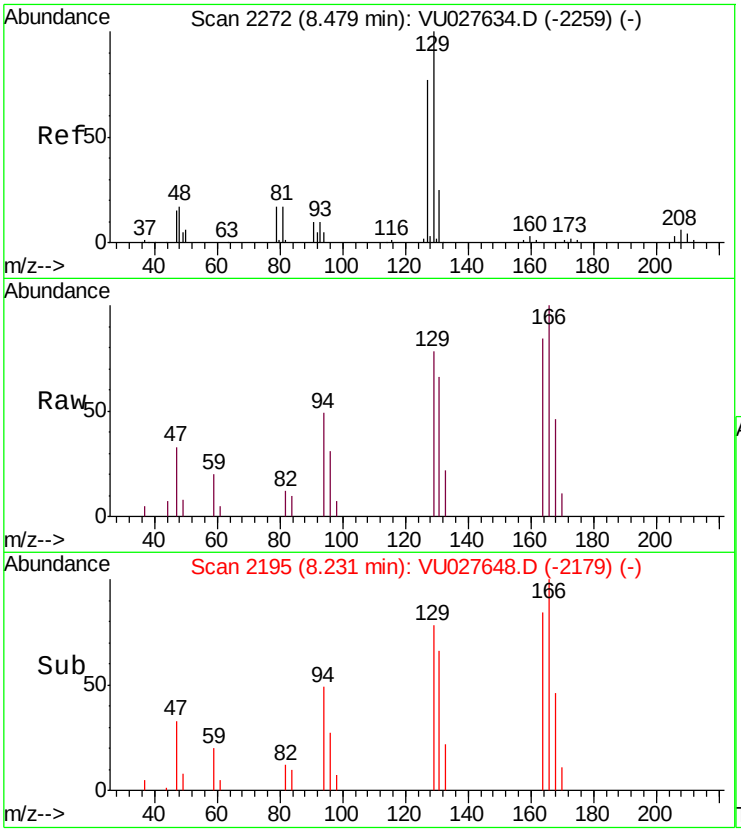


#46
Tetrachloroethene
Concen: 4.816 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Tgt Ion:164 Resp: 4583

Ion	Ratio	Lower	Upper
164	100		
129	92.9	67.0	124.4
131	78.2	65.1	120.9
166	118.5	90.4	167.8



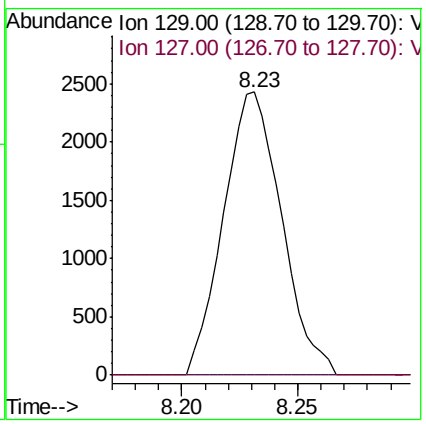


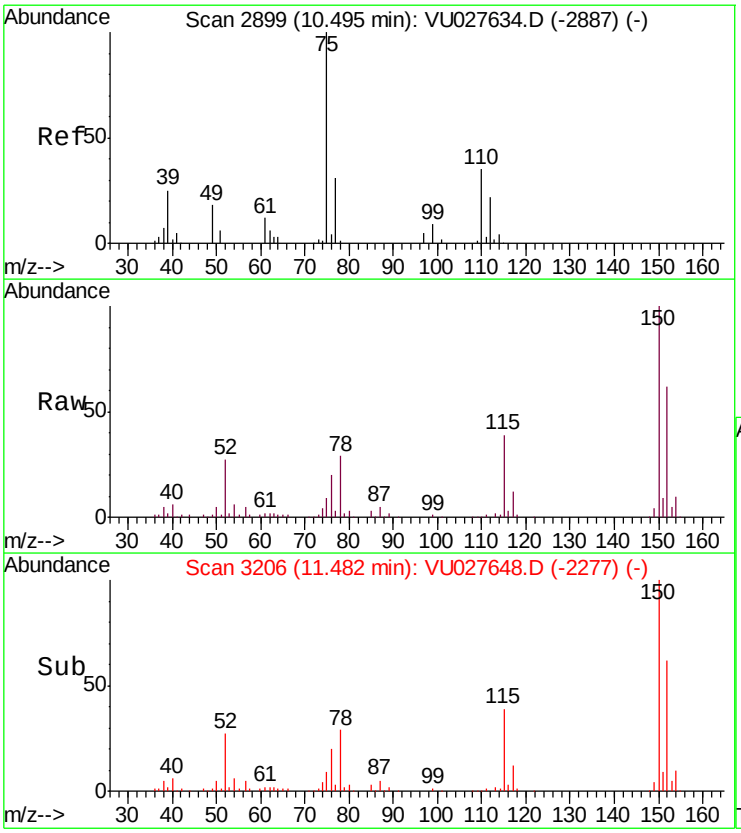
#49
Dibromochloromethane
Concen: 3.267 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Instrument : MSVOA_U
ClientSampleId : C08Y8

Tgt Ion:129 Resp: 4219

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.7	97.9#





#59
1,2,3-Trichloropropane
Concen: 4.862 ug/L
RT: 11.48 min Scan# 3206
Delta R.T. 0.99 min
Lab File: VU027648.D
Acq: 13 Oct 2018 01:04

Tgt Ion: 75 Resp: 8491

Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.7	38.5