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

Quantitation Report (Not Reviewed)

Data File : VU027632.D
Acq On : 12 Oct 2018 18:31
Operator : MD/SY
Sample : J5403-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0904

Quant Time: Oct 13 01:42:55 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	165868	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155065	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60975	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	52837	40.48	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 80.96%			
7) Chloroethane-d5	1.68	69	43047	42.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.62%			
11) 1,1-Dichloroethene-d2	2.27	63	73847	30.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.32%			
21) 2-Butanone-d5	4.18	46	104497	99.16	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.16%			
24) Chloroform-d	4.65	84	98933	47.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.78%			
26) 1,2-Dichloroethane-d4	5.31	65	68524	46.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.68%			
32) Benzene-d6	5.34	84	193258	43.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.98%			
36) 1,2-Dichloropropane-d6	6.33	67	70698	46.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 92.88%			
41) Toluene-d8	7.57	98	156611	39.43	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.86%#			
43) trans-1,3-Dichloropropene-	7.85	79	29025	39.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.14%			
47) 2-Hexanone-d5	8.31	63	71651	93.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.20%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92359	46.40	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.80%			
64) 1,2-Dichlorobenzene-d4	11.86	152	54850	45.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.96%			
Target Compounds						Qvalue
13) Acetone	2.32	43	3315	3.835	ug/L	90
35) Methylcyclohexane	6.33	83	14781	6.942	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7497	5.078	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1608	0.741	ug/L #	73
46) Tetrachloroethene	8.23	164	76402	83.888	ug/L	98
49) Dibromochloromethane	8.23	129	73583	59.546	ug/L #	12
59) 1,2,3-Trichloropropane	11.49	75	8452	5.057	ug/L	89

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

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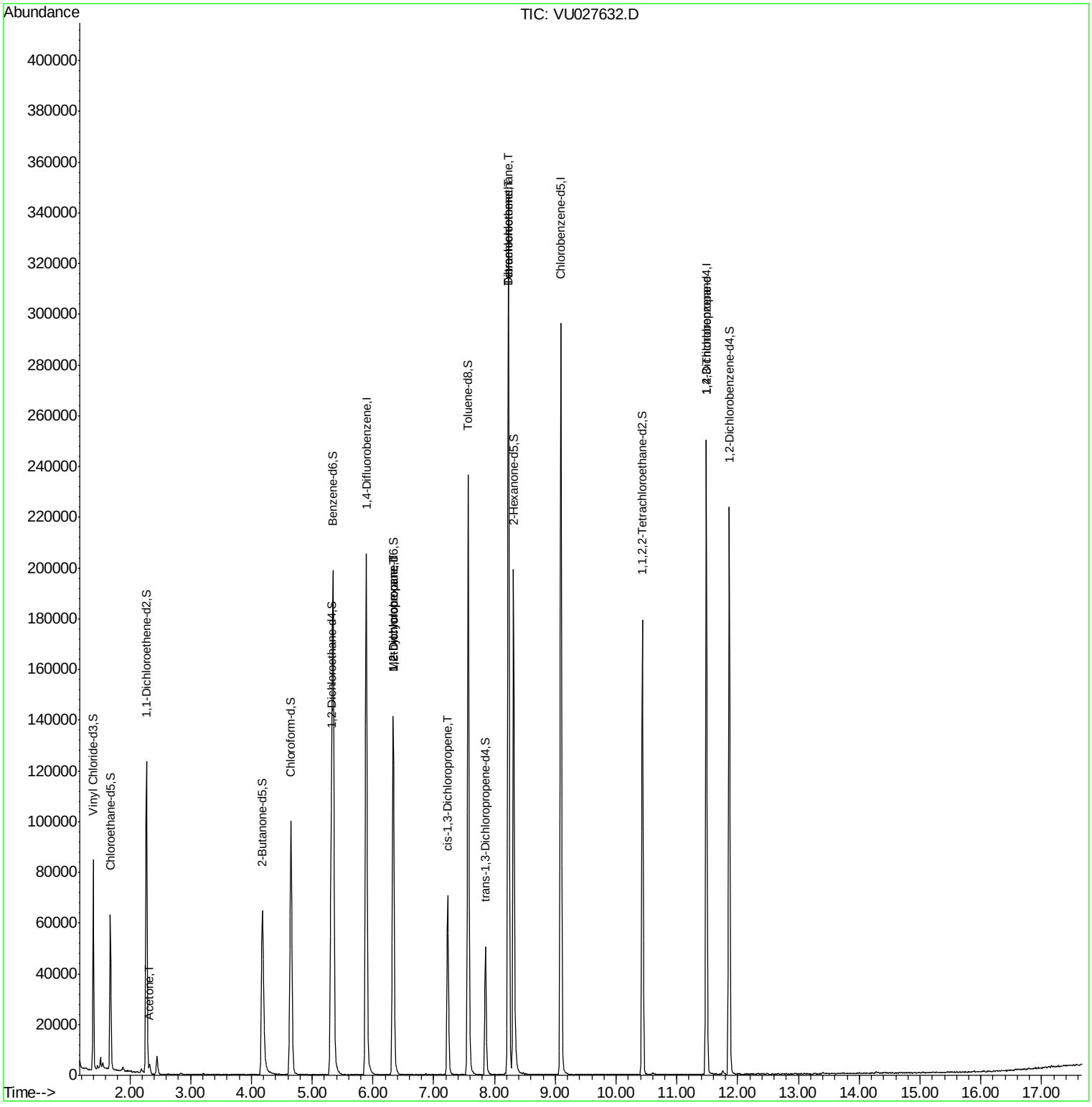
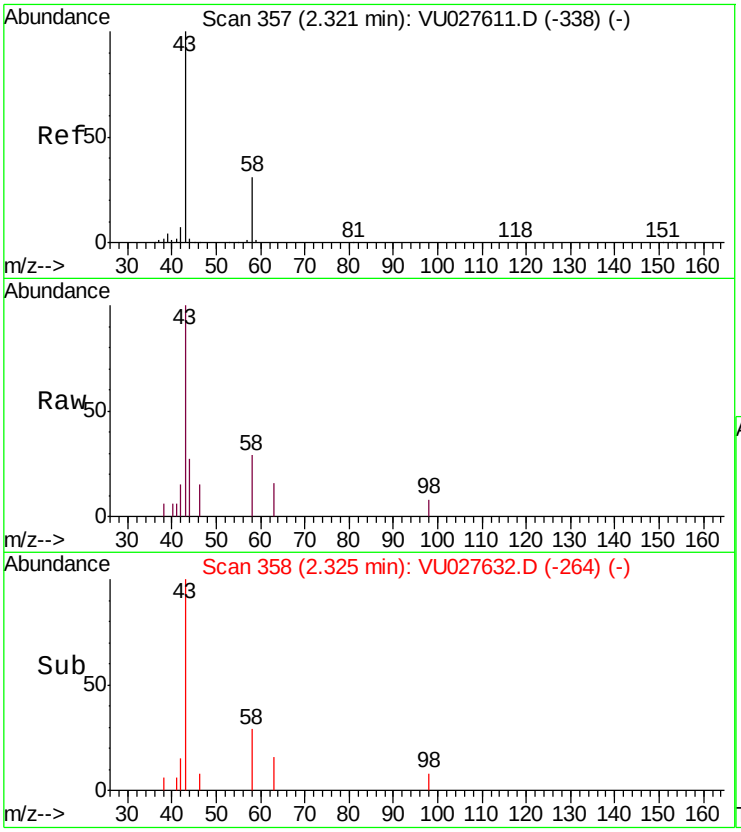


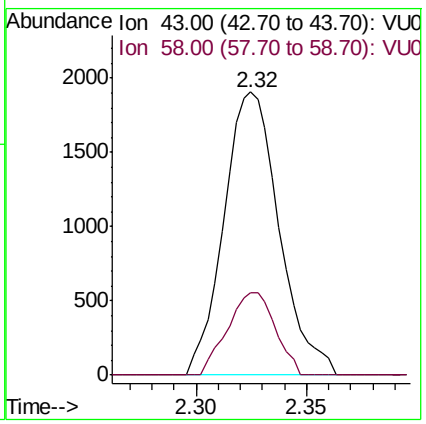


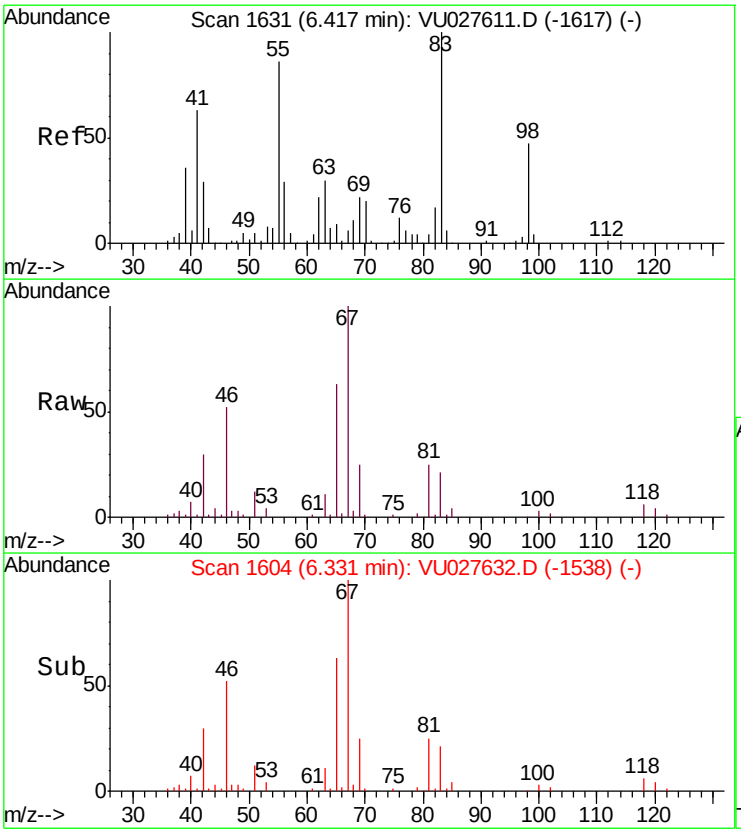
#13
Acetone
Concen: 3.835 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027632.D
Acq: 12 Oct 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
C0904

Tgt Ion: 43 Resp: 3315

Ion	Ratio	Lower	Upper
43	100		
58	25.2	0.0	60.8

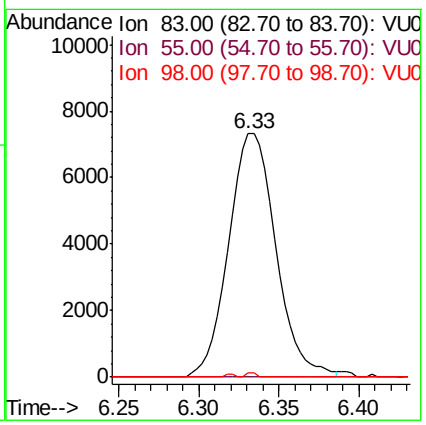


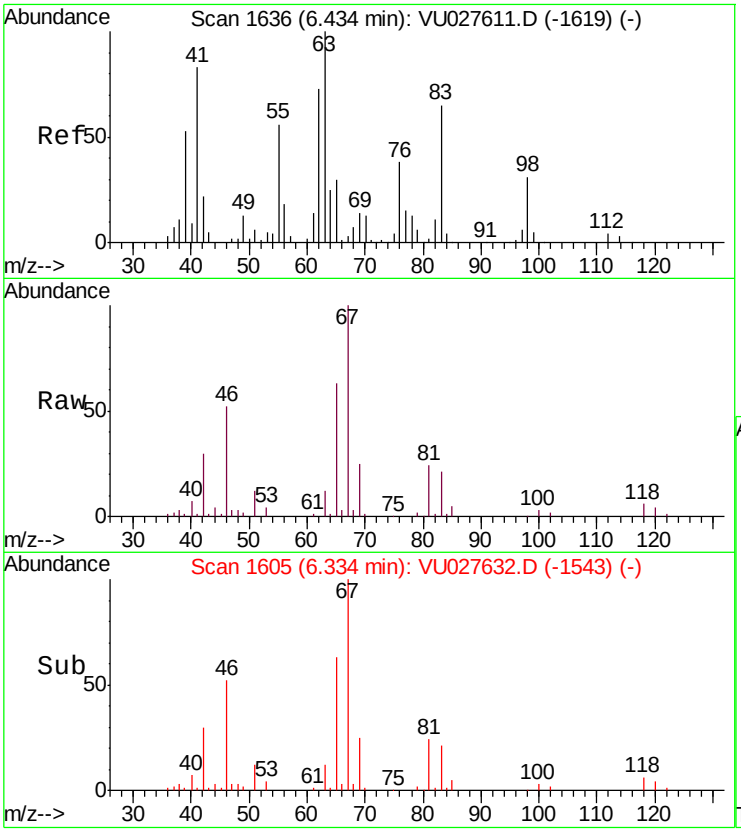


#35
Methylcyclohexane
Concen: 6.942 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU027632.D
Acq: 12 Oct 2018 18:31

Tgt Ion: 83 Resp: 14781

Ion	Ratio	Lower	Upper
83	100		
55	0.0	69.9	104.9#
98	0.3	37.1	55.7#



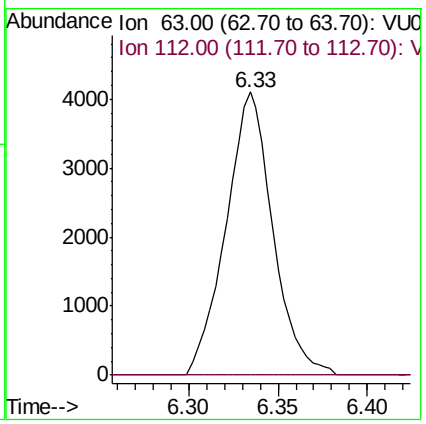


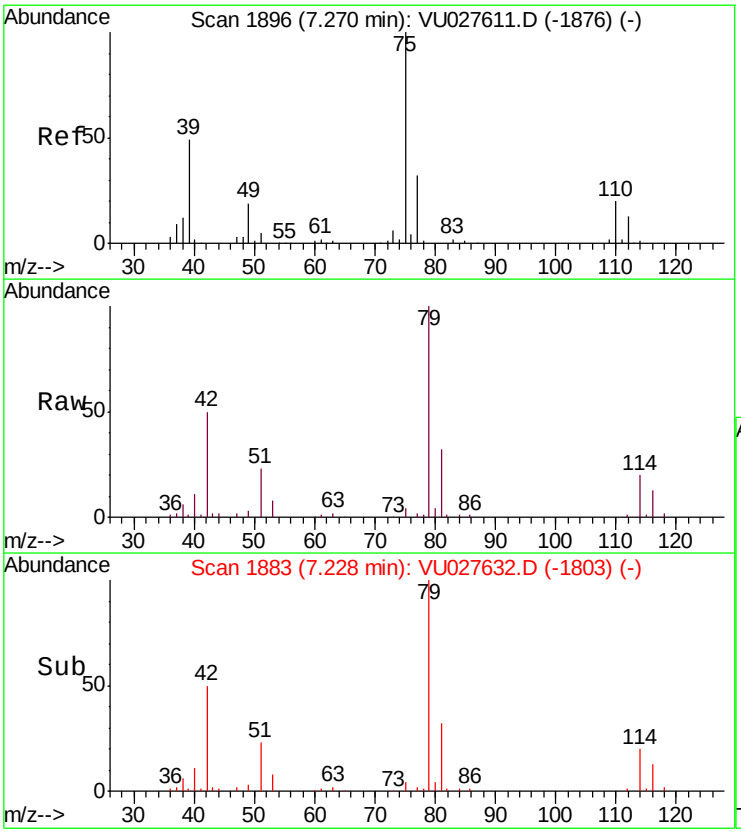
#37
1,2-Dichloropropane
Concen: 5.078 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027632.D
Acq: 12 Oct 2018 18:31

Instrument : MSVOA_U
ClientSampleId : C0904

Tgt Ion: 63 Resp: 7497

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

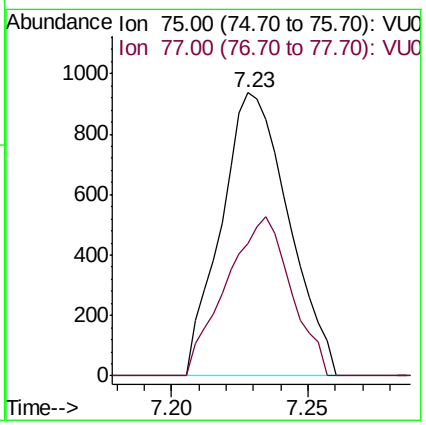


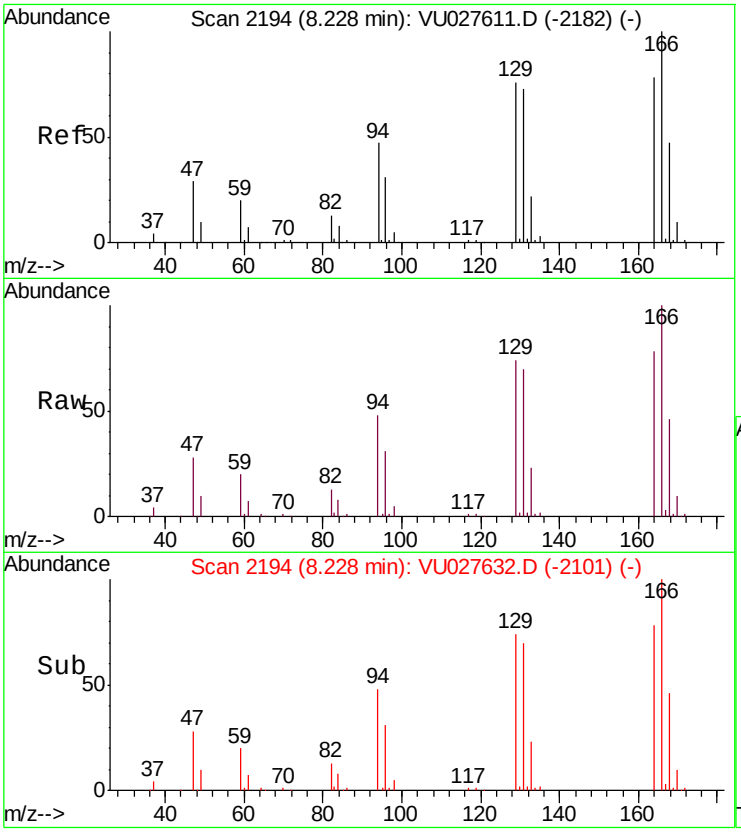


#39
cis-1,3-Dichloropropene
Concen: 0.741 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU027632.D
Acq: 12 Oct 2018 18:31

Tgt Ion: 75 Resp: 1608

Ion	Ratio	Lower	Upper
75	100		
77	46.6	22.1	41.1#



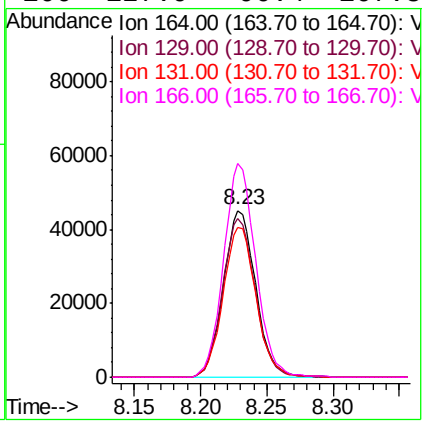


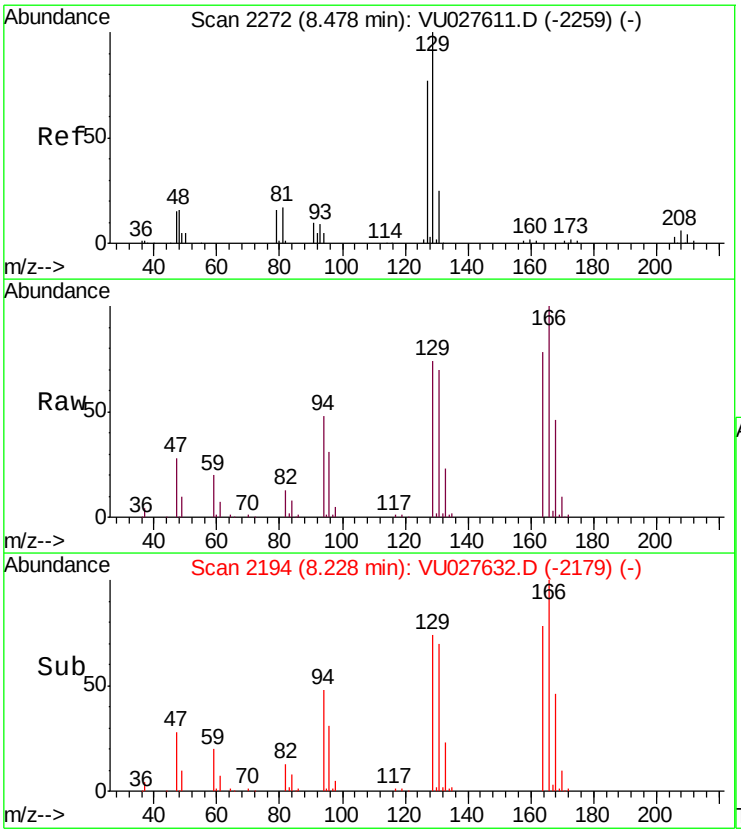
#46
Tetrachloroethene
Concen: 83.888 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027632.D
Acq: 12 Oct 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
C0904

Tgt Ion:164 Resp: 76402

Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.0	124.4
131	90.1	65.1	120.9
166	127.9	90.4	167.8

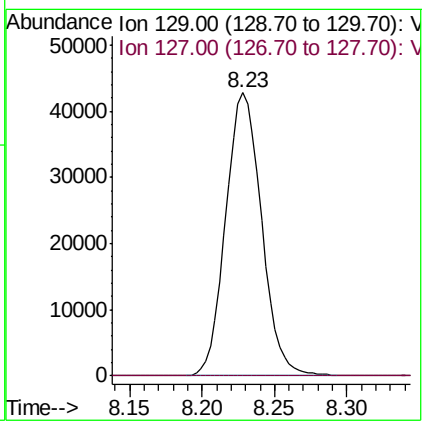


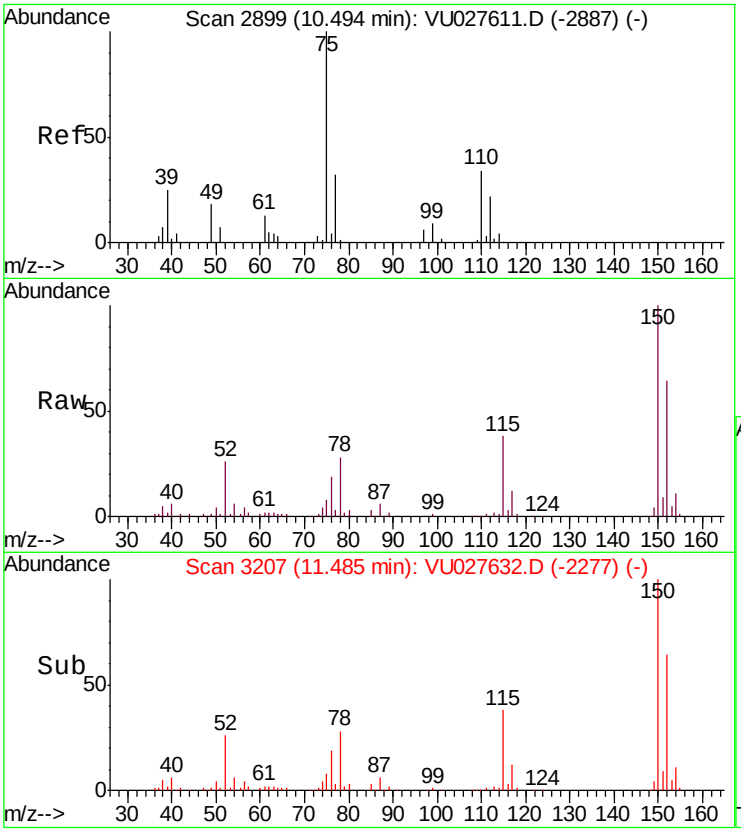


#49
Dibromochloromethane
Concen: 59.546 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027632.D
Acq: 12 Oct 2018 18:31

Tgt Ion:129 Resp: 73583

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.7	97.9#





#59
1,2,3-Trichloropropane
Concen: 5.057 ug/L
RT: 11.49 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027632.D
Acq: 12 Oct 2018 18:31

Instrument :
MSVOA_U
ClientSampleId :
C0904

Tgt Ion: 75 Resp: 8452

Ion	Ratio	Lower	Upper
75	100		
77	38.1	25.7	38.5