Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
Data File : VU027737.D
Acq On : 22 Oct 2018 12:58
Operator : MD/SY
Sample : J5589-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0T29

Quant Time: Oct 23 08:51:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 08:01:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	114866	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45767	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	41217	46.12	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.24%			
7) Chloroethane-d5	1.68	69	31946	46.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.86%			
11) 1,1-Dichloroethene-d2	2.27	63	58463	36.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.64%			
21) 2-Butanone-d5	4.18	46	76022	99.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.81%			
24) Chloroform-d	4.65	84	74301	46.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.50%			
26) 1,2-Dichloroethane-d4	5.31	65	53277	47.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.78%			
32) Benzene-d6	5.34	84	147030	48.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.76%			
36) 1,2-Dichloropropane-d6	6.33	67	52716	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.18%			
41) Toluene-d8	7.57	98	135837	48.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.92%			
43) trans-1,3-Dichloropropene-	7.85	79	25324	48.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 96.14%			
47) 2-Hexanone-d5	8.31	63	55110	99.26	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 99.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	66987	47.81	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.62%			
64) 1,2-Dichlorobenzene-d4	11.86	152	47663	50.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.68%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.89	101	15193	12.156	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	415	0.606	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	423	0.661	ug/L #	1
13) Acetone	2.32	43	913	1.721	ug/L	85
20) cis-1,2-Dichloroethene	4.23	96	2484	2.966	ug/L	96
34) Trichloroethene	6.19	95	168608	212.166	ug/L	99
35) Methylcyclohexane	6.33	83	11271	8.201	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5589	5.959	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1619	1.121	ug/L #	77
44) trans-1,3-Dichloropropene	7.86	75	1016	0.744	ug/L	84
46) Tetrachloroethene	8.23	164	17456	28.443	ug/L	94
49) Dibromochloromethane	8.23	129	16222	17.671	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5865	5.291	ug/L	90

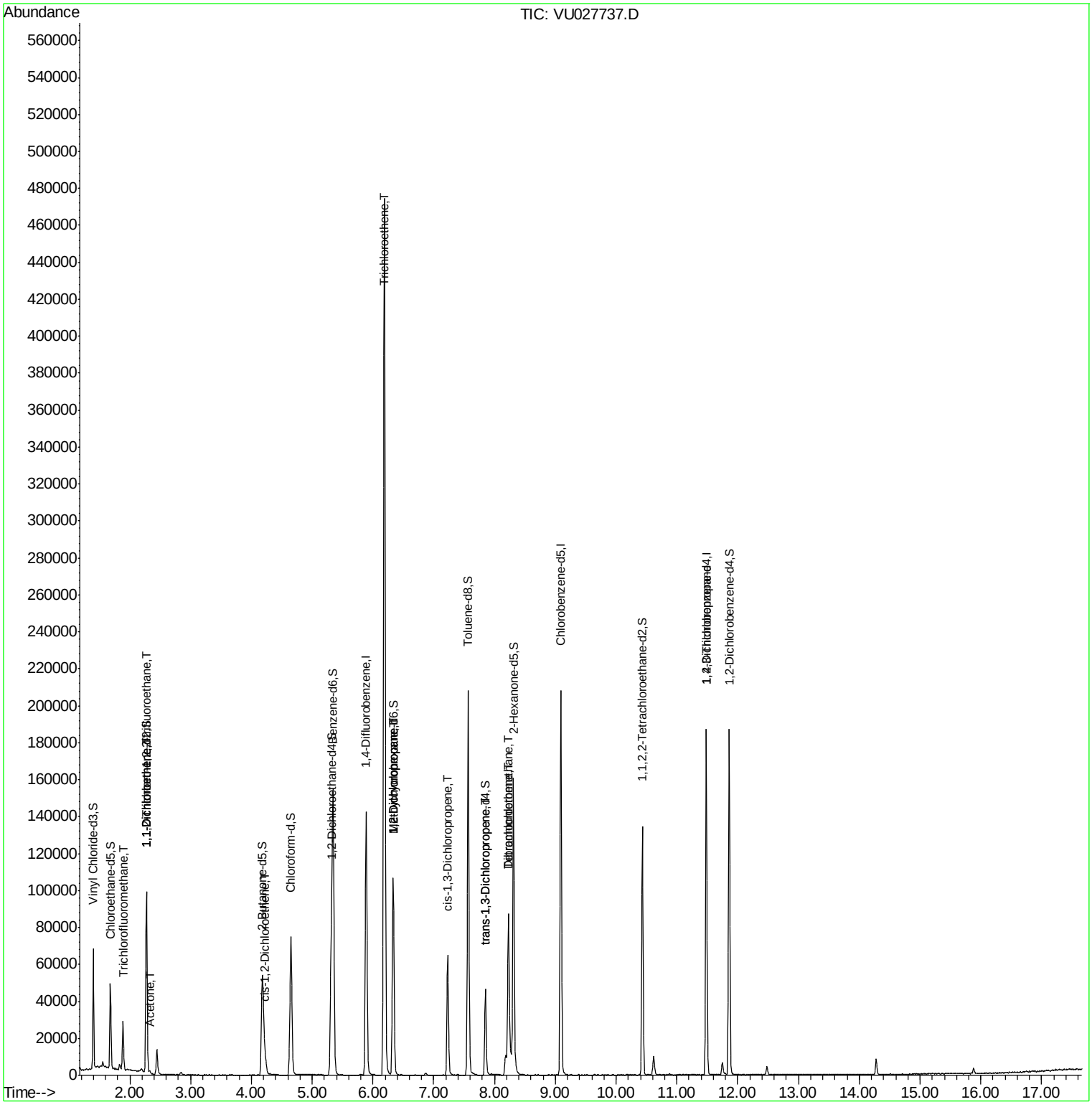
(#) = qualifier out of range (m) = manual integration (+) = signals summed

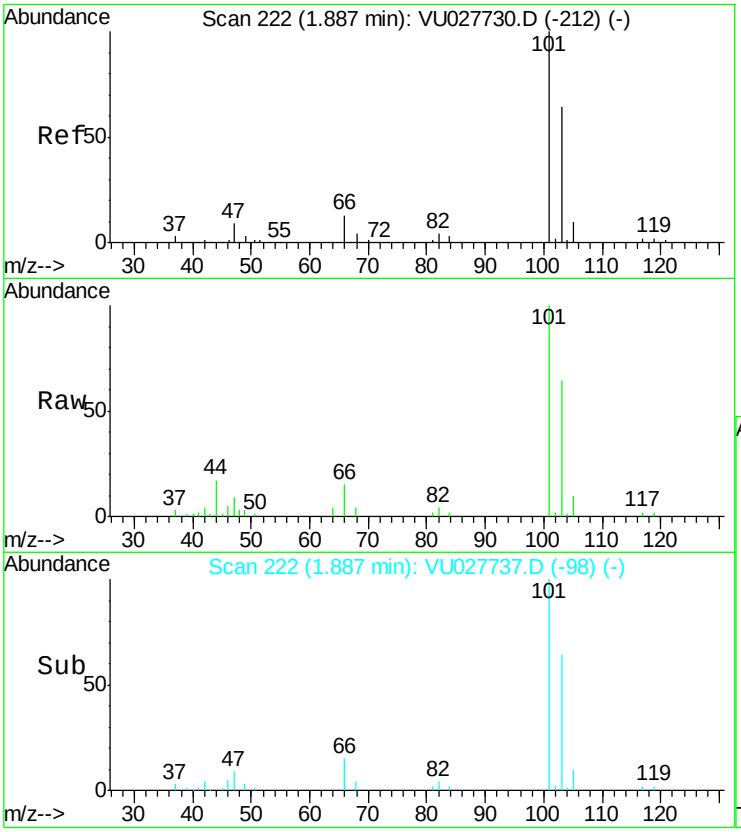
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102218\
Data File : VU027737.D
Acq On : 22 Oct 2018 12:58
Operator : MD/SY
Sample : J5589-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0T29

Quant Time: Oct 23 08:51:31 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 23 08:01:28 2018
Response via : Initial Calibration



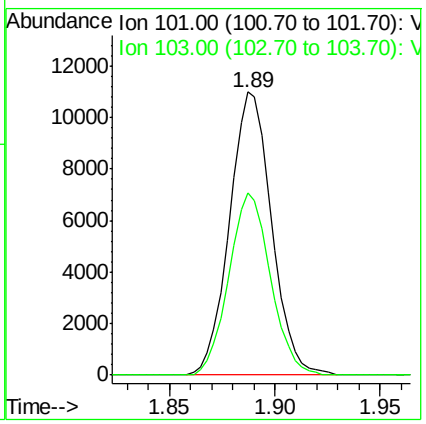


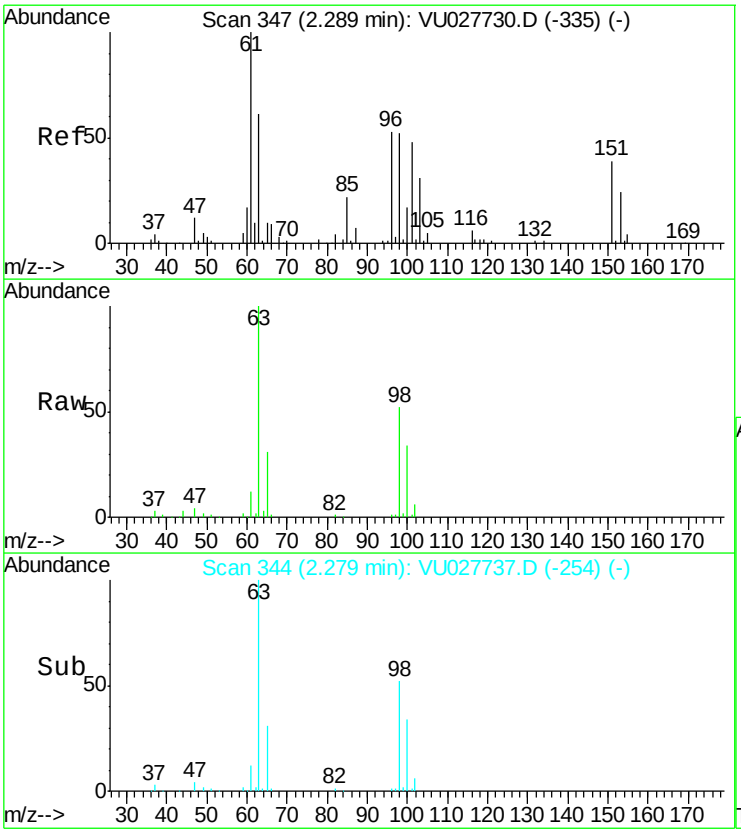
#9
Trichlorofluoromethane
Concen: 12.156 ug/L
RT: 1.89 min Scan# 222
Delta R.T. -0.00 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Instrument :
MSVOA_U
ClientSampleId :
C0T29

Tgt Ion:101 Resp: 15193

Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.0	76.4

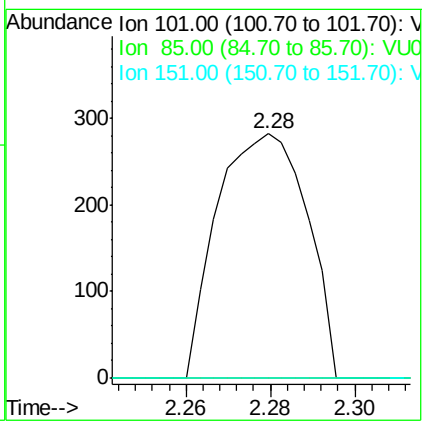


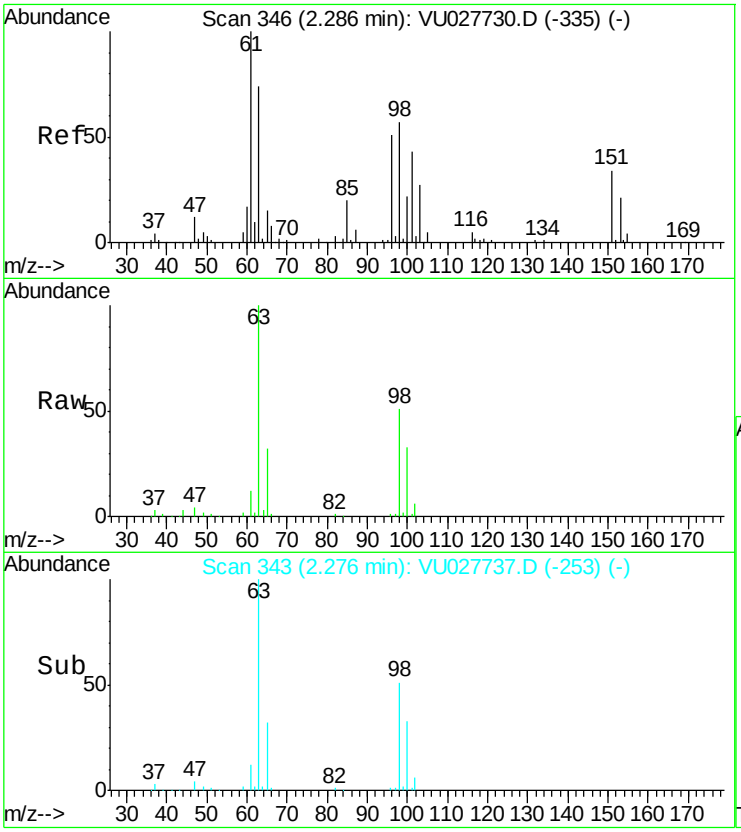


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.606 ug/L
RT: 2.28 min Scan# 344
Delta R.T. -0.01 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Tgt Ion:101 Resp: 415

Ion	Ratio	Lower	Upper
101	100		
85	0.0	36.7	55.1#
151	0.0	62.0	93.0#



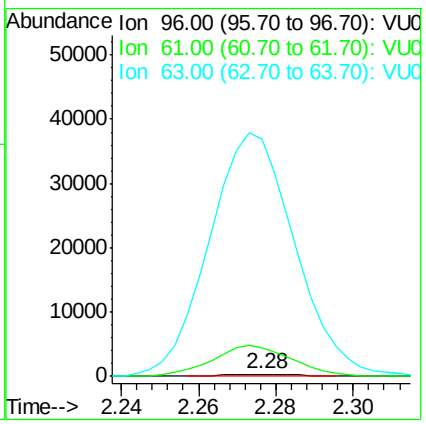


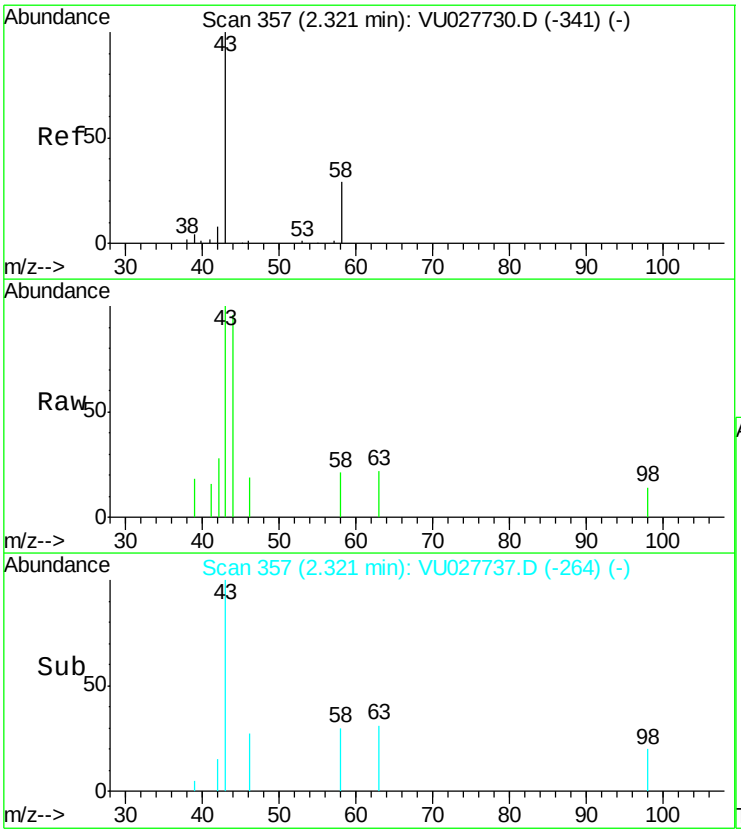
#12
1,1-Dichloroethene
Concen: 0.661 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Instrument : MSVOA_U
ClientSampleId : C0T29

Tgt Ion: 96 Resp: 423

Ion	Ratio	Lower	Upper
96	100		
61	1537.4	137.3	255.1#
63	12533.3	109.8	204.0#

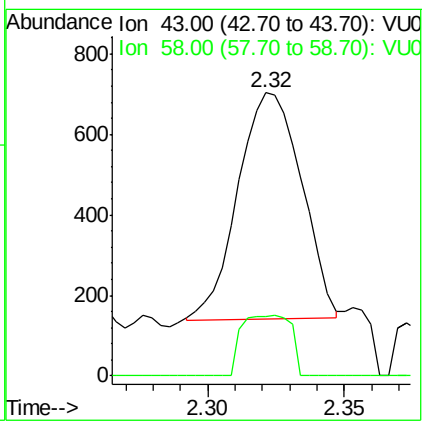


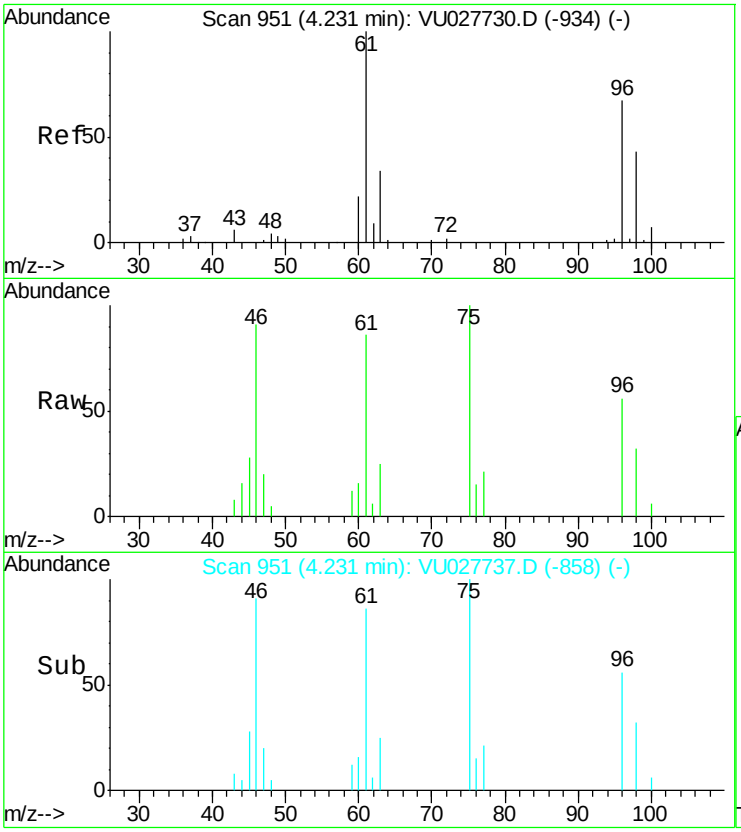


#13
Acetone
Concen: 1.721 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Tgt Ion: 43 Resp: 913

Ion	Ratio	Lower	Upper
43	100		
58	20.8	0.0	57.4



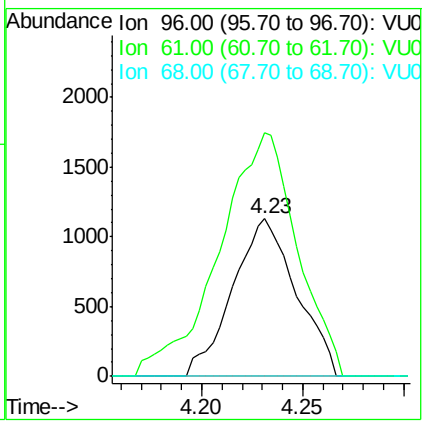


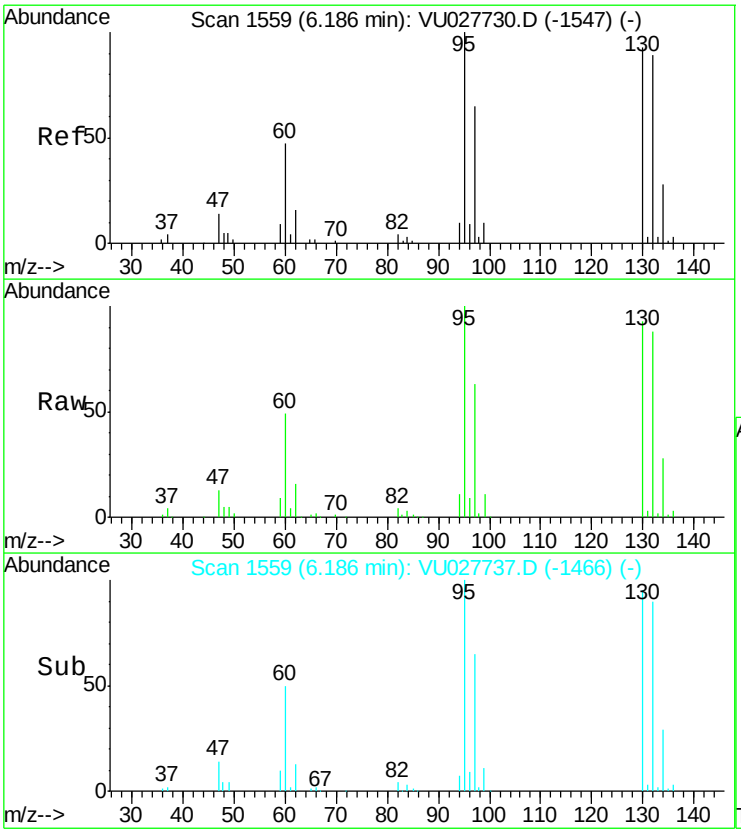
#20
cis-1,2-Dichloroethene
Concen: 2.966 ug/L
RT: 4.23 min Scan# 951
Delta R.T. -0.00 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Instrument :
MSVOA_U
ClientSampleId :
C0T29

Tgt Ion: 96 Resp: 2484

Ion	Ratio	Lower	Upper
96	100		
61	154.4	104.2	193.4
68	0.0	0.0	0.0

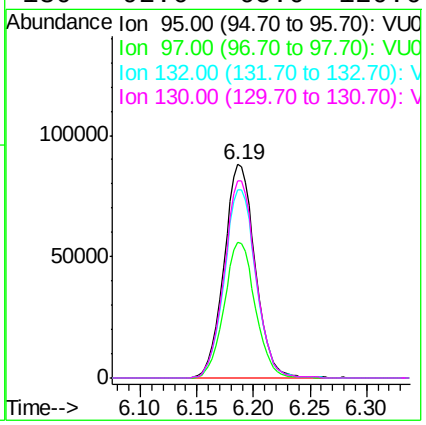


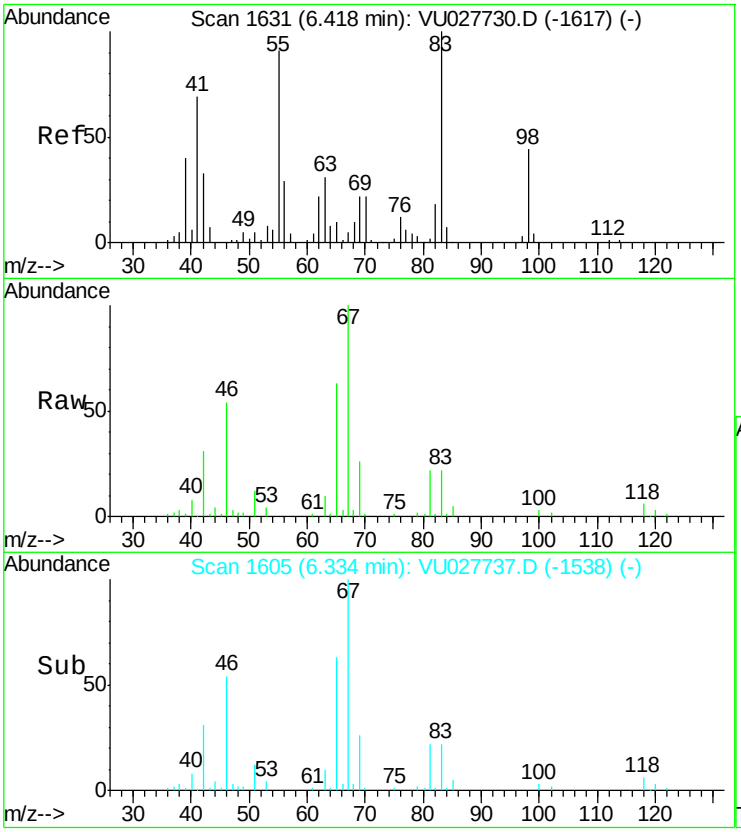


#34
Trichloroethene
Concen: 212.166 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Tgt Ion: 95 Resp: 168608

Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.8	85.2
132	88.3	62.1	115.3
130	92.6	65.0	120.6



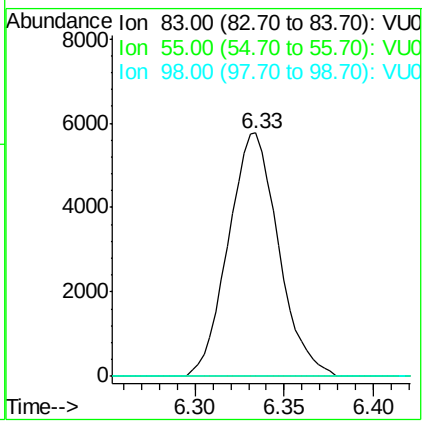


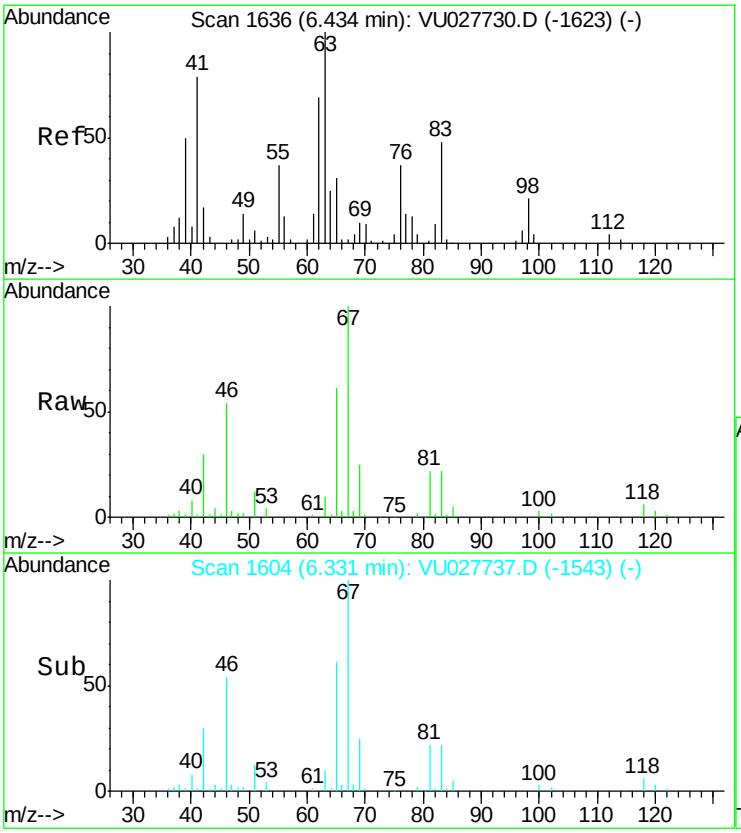
#35
Methylcyclohexane
Concen: 8.201 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Instrument : MSVOA_U
ClientSampleId : C0T29

Tgt Ion: 83 Resp: 11271

Ion	Ratio	Lower	Upper
83	100		
55	0.0	71.9	107.9#
98	0.0	34.6	52.0#

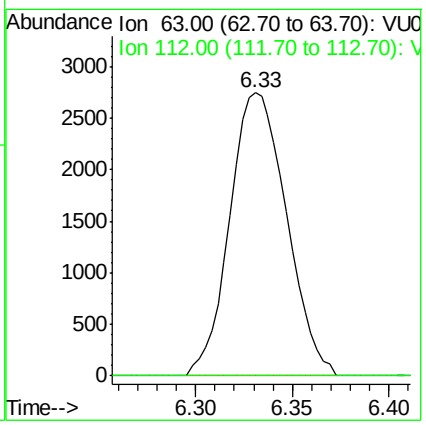


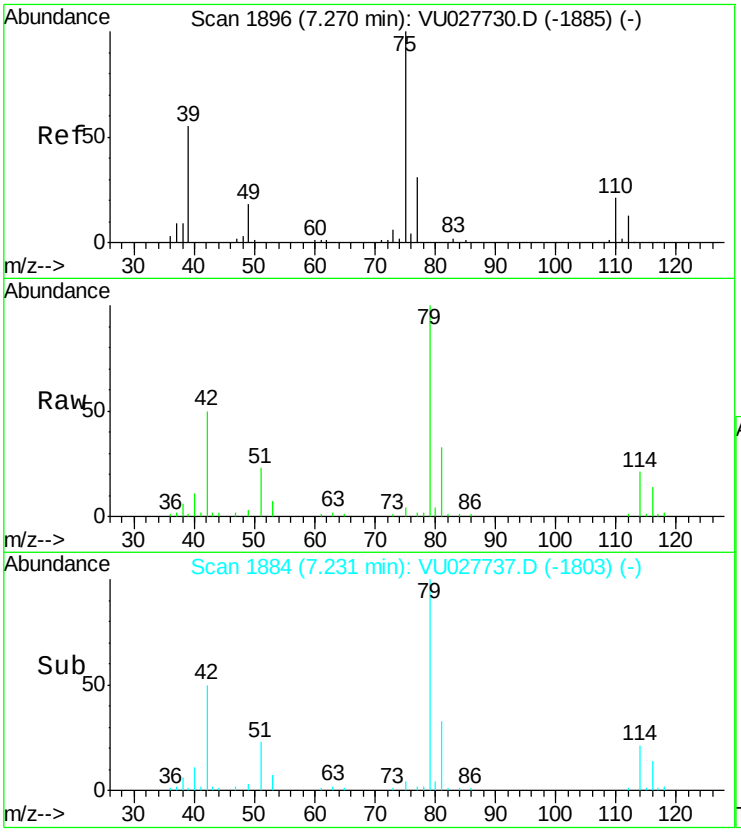


#37
1,2-Dichloropropane
Concen: 5.959 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Tgt Ion: 63 Resp: 5589

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8#



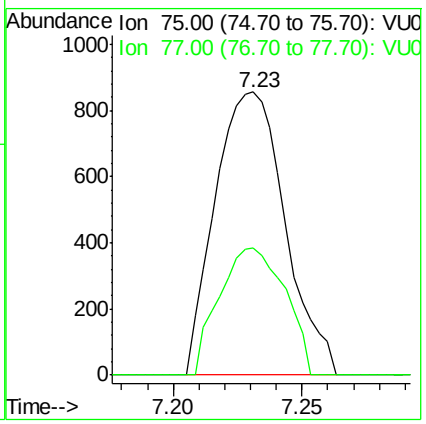


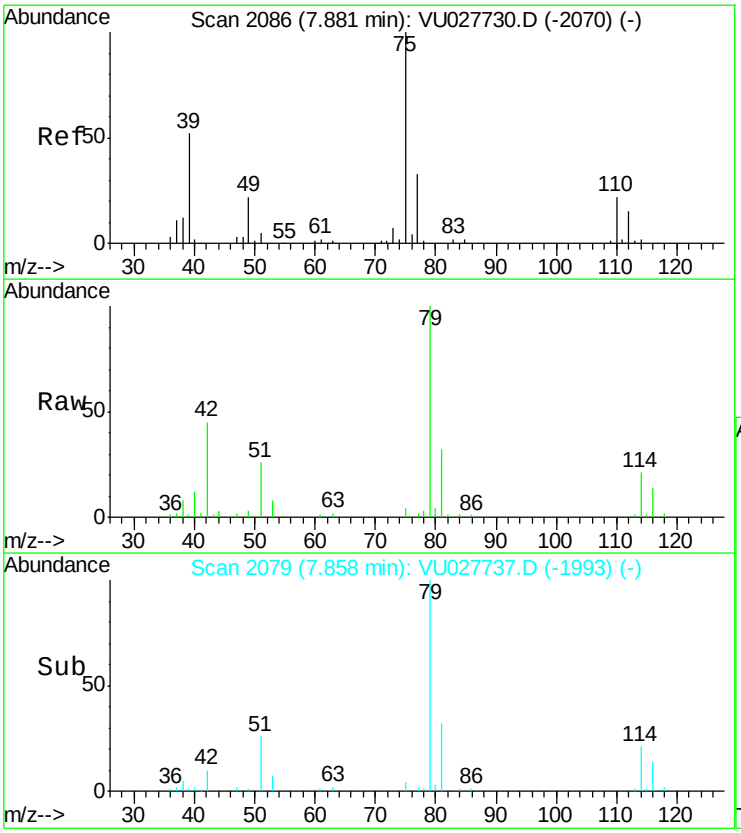
#39
cis-1,3-Dichloropropene
Concen: 1.121 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Instrument :
MSVOA_U
ClientSampleId :
C0T29

Tgt Ion: 75 Resp: 1619

Ion	Ratio	Lower	Upper
75	100		
77	44.7	22.5	41.7#

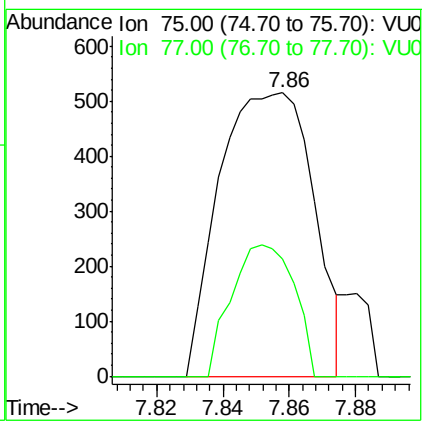


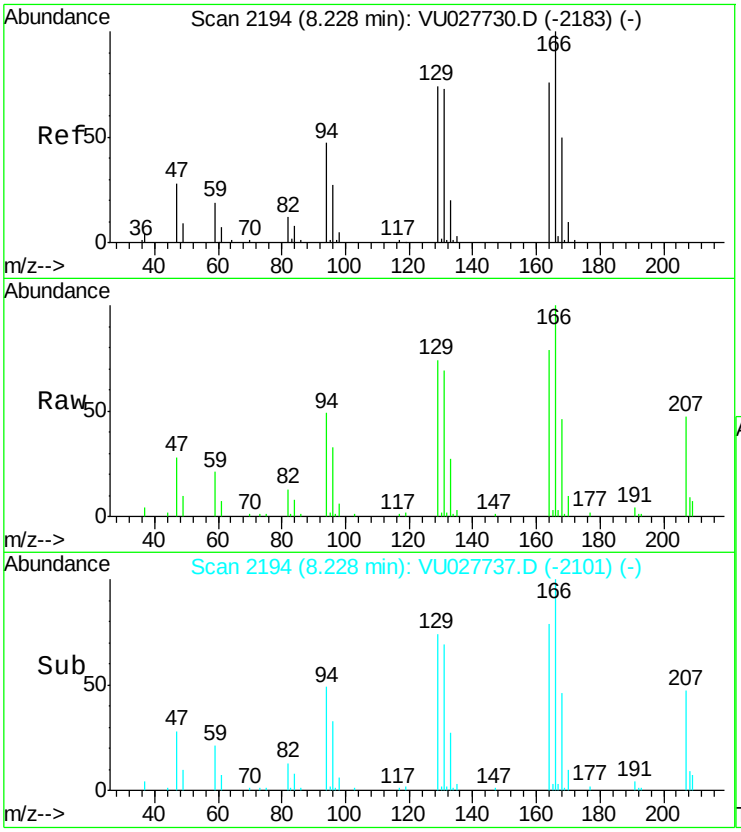


#44
trans-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 7.86 min Scan# 2079
Delta R.T. -0.02 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Tgt Ion: 75 Resp: 1016

Ion	Ratio	Lower	Upper
75	100		
77	41.4	22.8	42.4



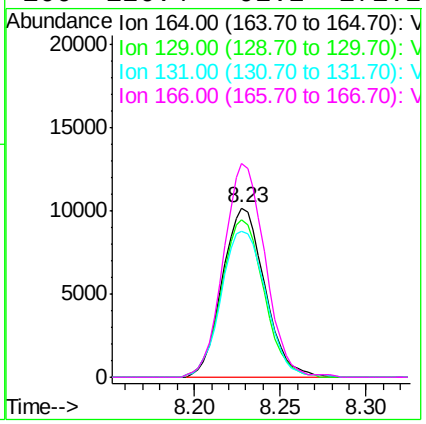


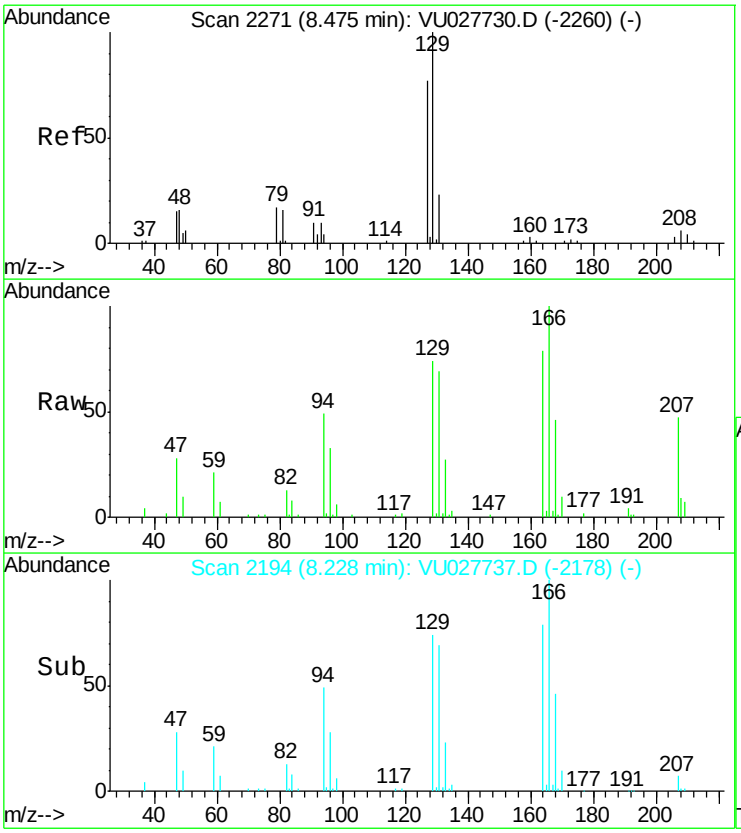
#46
Tetrachloroethene
Concen: 28.443 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.00 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Instrument : MSVOA_U
ClientSampleId : C0T29

Tgt Ion:164 Resp: 17456

Ion	Ratio	Lower	Upper
164	100		
129	93.1	68.5	127.3
131	86.7	67.1	124.5
166	126.4	92.2	171.2

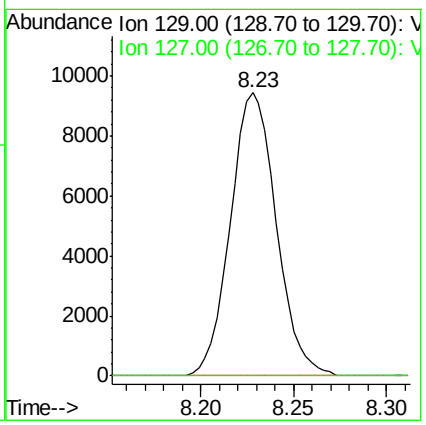


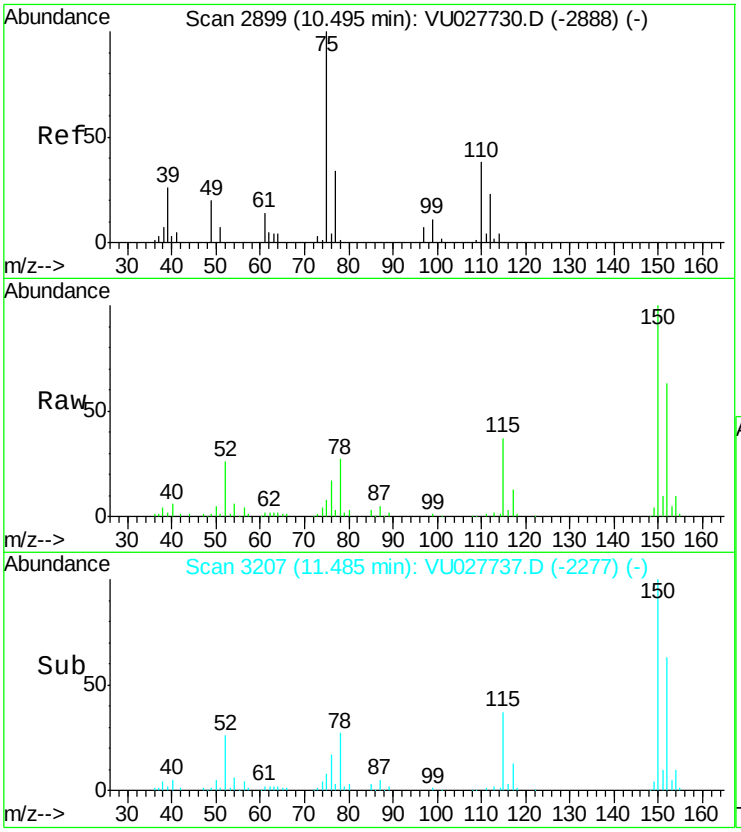


#49
Dibromochloromethane
Concen: 17.671 ug/L
RT: 8.23 min Scan# 2194
Delta R.T. -0.25 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Tgt Ion:129 Resp: 16222

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#59
1,2,3-Trichloropropane
Concen: 5.291 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027737.D
Acq: 22 Oct 2018 12:58

Instrument :
MSVOA_U
ClientSampleId :
C0T29

Tgt Ion: 75 Resp: 5865

Ion	Ratio	Lower	Upper
75	100		
77	38.6	26.5	39.7