Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041617.D
Acq On : 14 Dec 2020 17:50
Operator : SY/MD
Sample : L5027-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:49:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127263	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115617	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52745	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	30560	3.07	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.40%			
7) Chloroethane-d5	1.92	69	30243	3.93	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 78.60%			
11) 1,1-Dichloroethene-d2	2.58	63	53162	2.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.00%#			
20) 2-Butanone-d5	4.66	46	147383	51.57	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.14%			
24) Chloroform-d	5.08	84	77779	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.72	65	46363	4.80	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.00%			
32) Benzene-d6	5.74	84	154817	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.70	67	50067	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.91	98	132098	4.42	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.40%			
43) trans-1,3-Dichloropropene-	8.19	79	20613	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	114569	44.90	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.80%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49181	5.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	50007	5.33	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 106.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	542	0.062	ug/L #	22
13) Acetone	2.67	43	1711	0.941	ug/L #	38
27) 1,2-Dichloroethane	5.74	62	918	0.081	ug/L #	73
34) Trichloroethene	6.56	95	787	0.085	ug/L	93
35) Methylcyclohexane	6.70	83	11538	0.768	ug/L #	20
37) 1,2-Dichloropropane	6.70	63	5067	0.536	ug/L #	88
38) Bromodichloromethane	7.11	83	820	0.070	ug/L #	95
39) cis-1,3-Dichloropropene	7.57	75	1025	0.073	ug/L #	49
44) trans-1,3-Dichloropropene	8.19	75	728	0.058	ug/L #	73
47) Tetrachloroethene	8.56	164	30049	4.620	ug/L	98
48) 2-Hexanone	8.64	43	12250	2.501	ug/L #	65
49) Dibromochloromethane	8.56	129	29838	3.714	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6020	0.848	ug/L	99

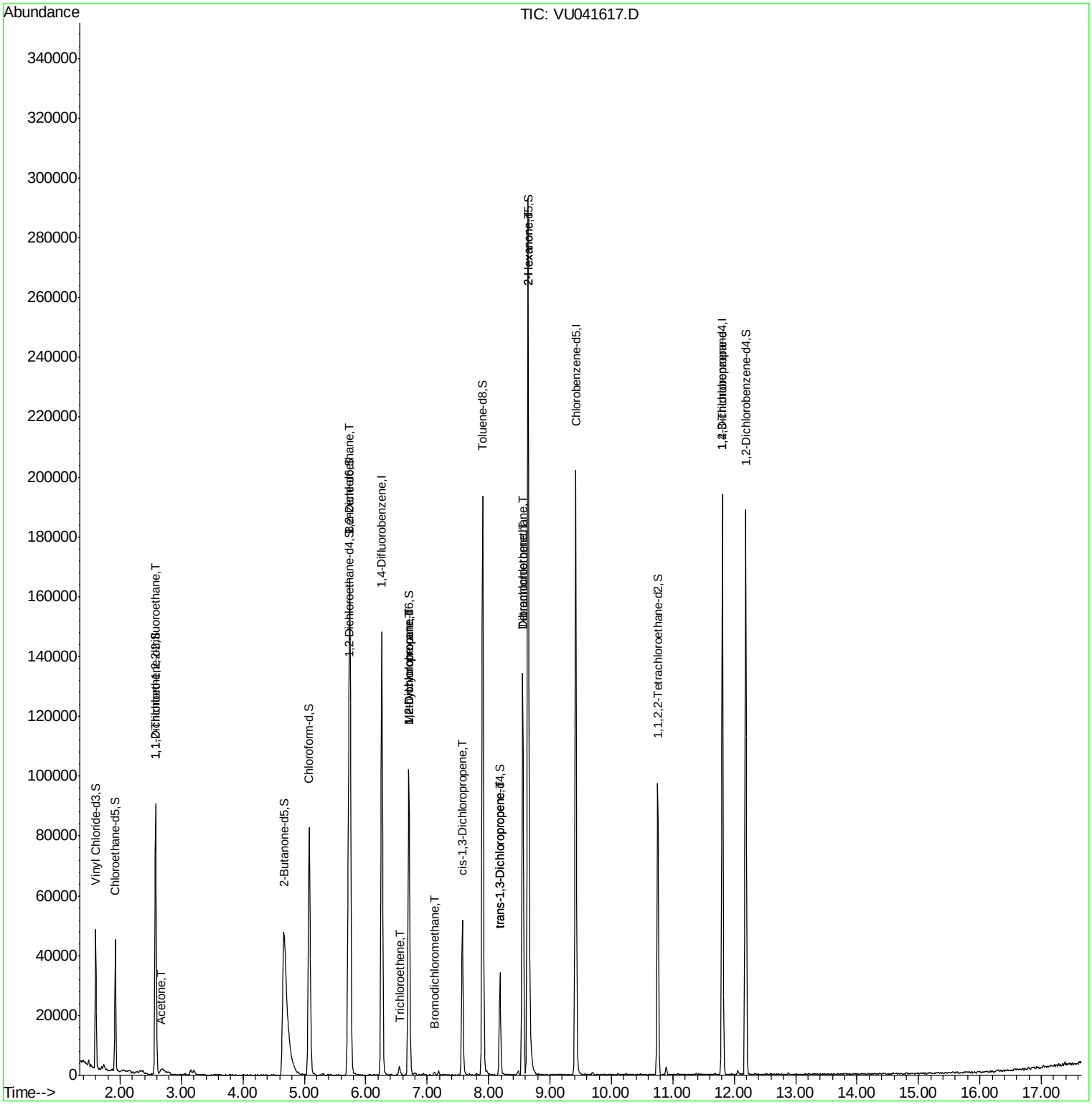
(#) = qualifier out of range (m) = manual integration (+) = signals summed

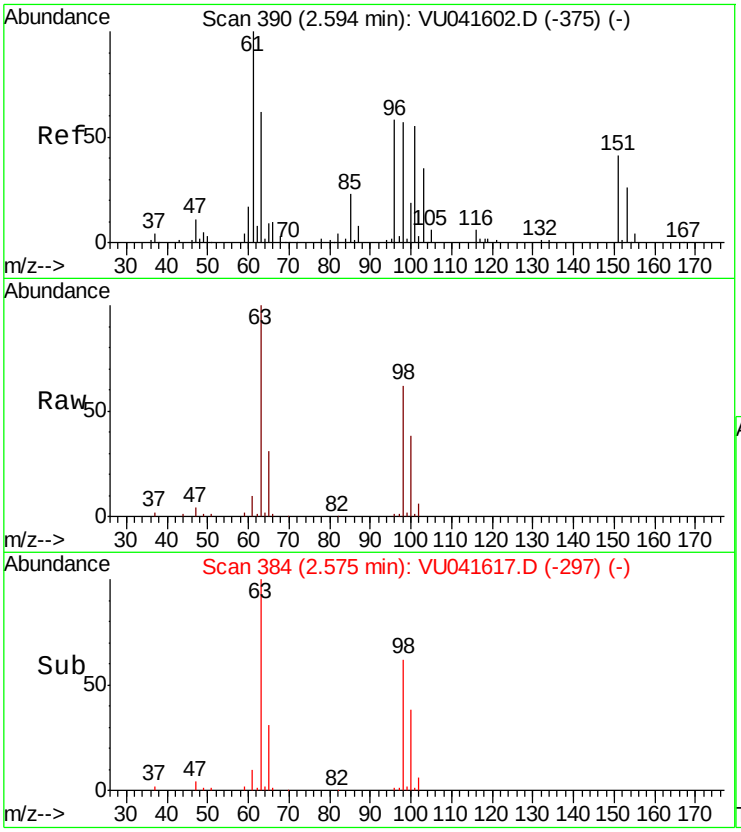
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041617.D
Acq On : 14 Dec 2020 17:50
Operator : SY/MD
Sample : L5027-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 15 00:49:45 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration



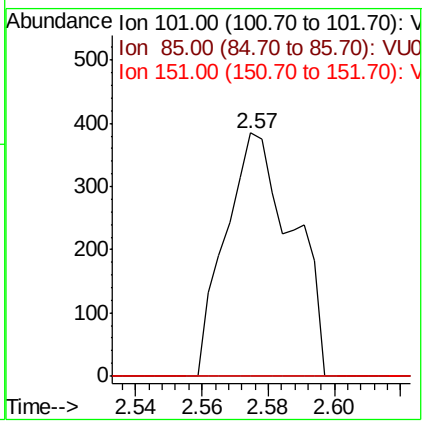


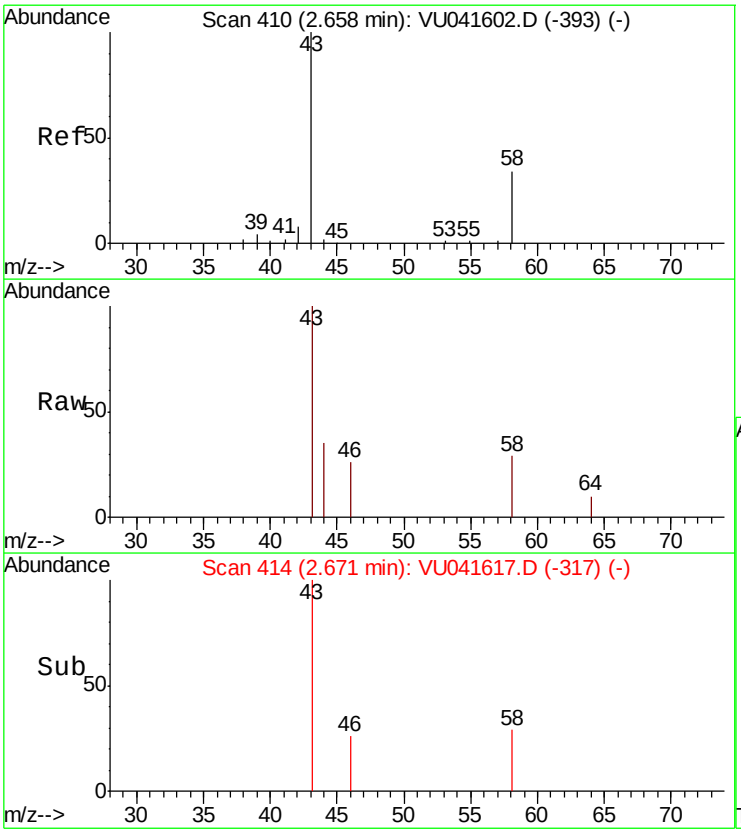
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.57 min Scan# 384
Delta R.T. -0.02 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 542

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.6	50.4#
151	0.0	56.2	84.4#

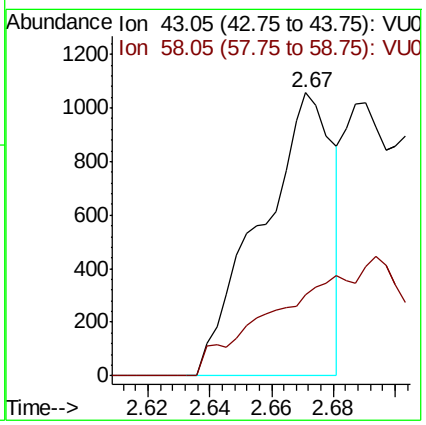


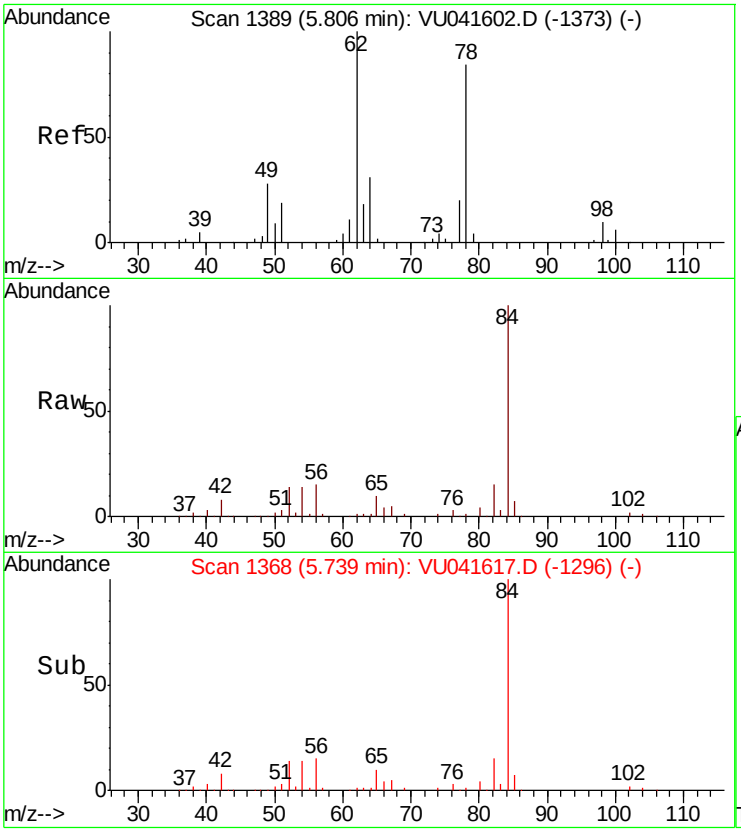


#13
Acetone
Concen: 0.941 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.01 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Tgt Ion: 43 Resp: 1711

Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	73.2



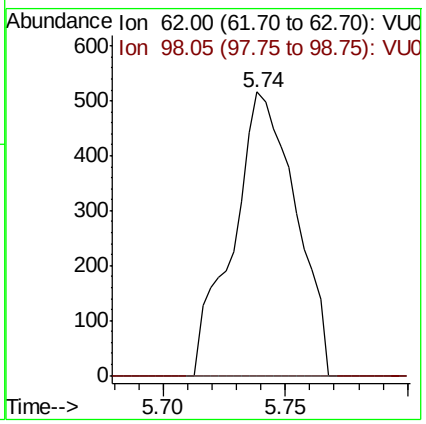


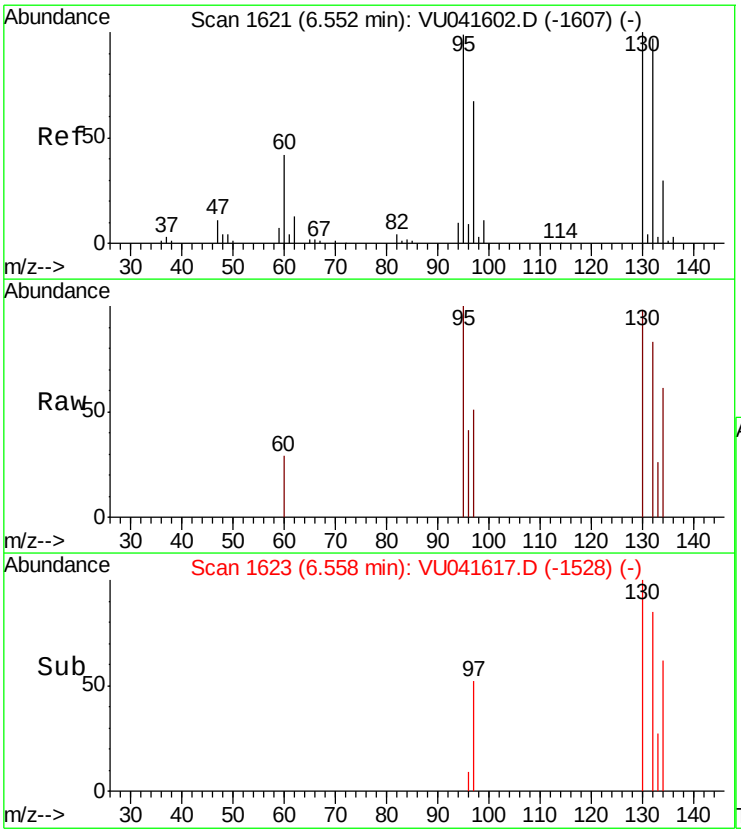
#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.74 min Scan# 1368
Delta R.T. -0.07 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 918

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.2	12.2#

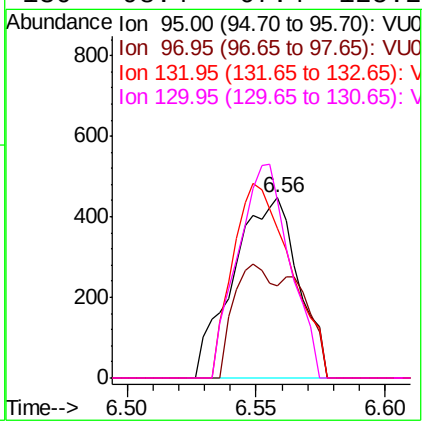


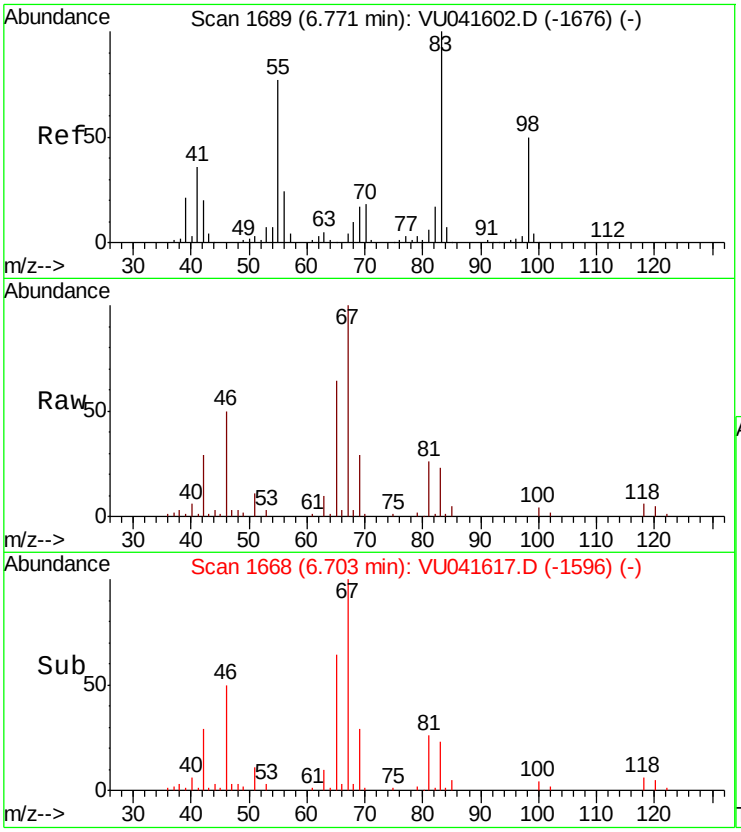


#34
Trichloroethene
Concen: 0.085 ug/L
RT: 6.56 min Scan# 1623
Delta R.T. 0.01 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Tgt Ion: 95 Resp: 787

Ion	Ratio	Lower	Upper
95	100		
97	51.5	43.9	81.5
132	83.2	63.1	117.3
130	98.4	67.4	125.2



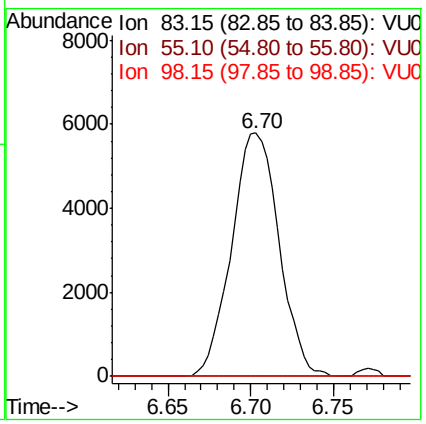


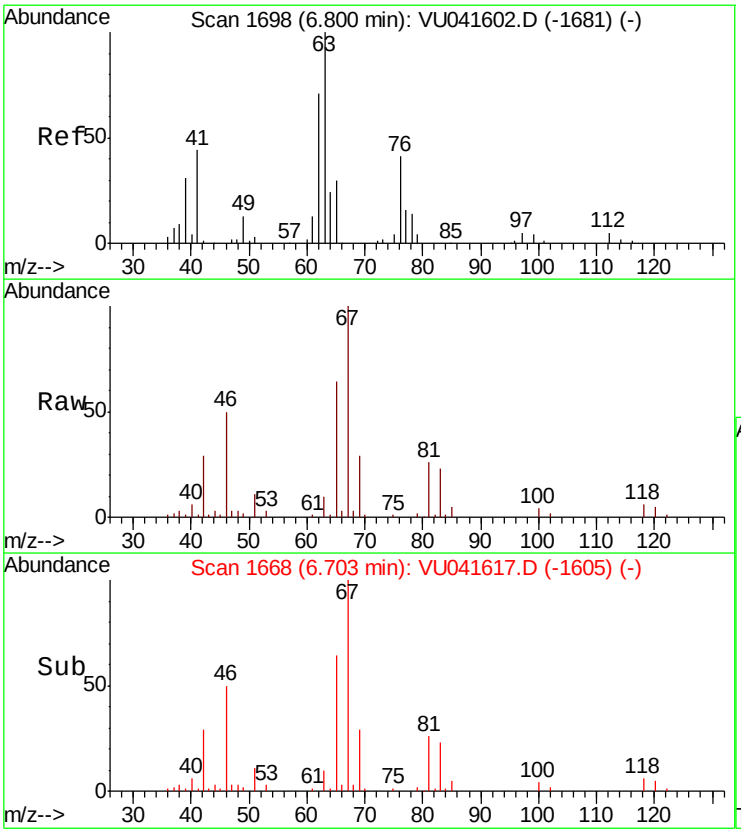
#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 11538

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	2.7	36.6	54.8#

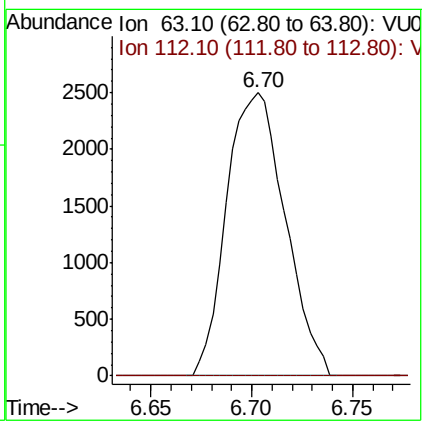


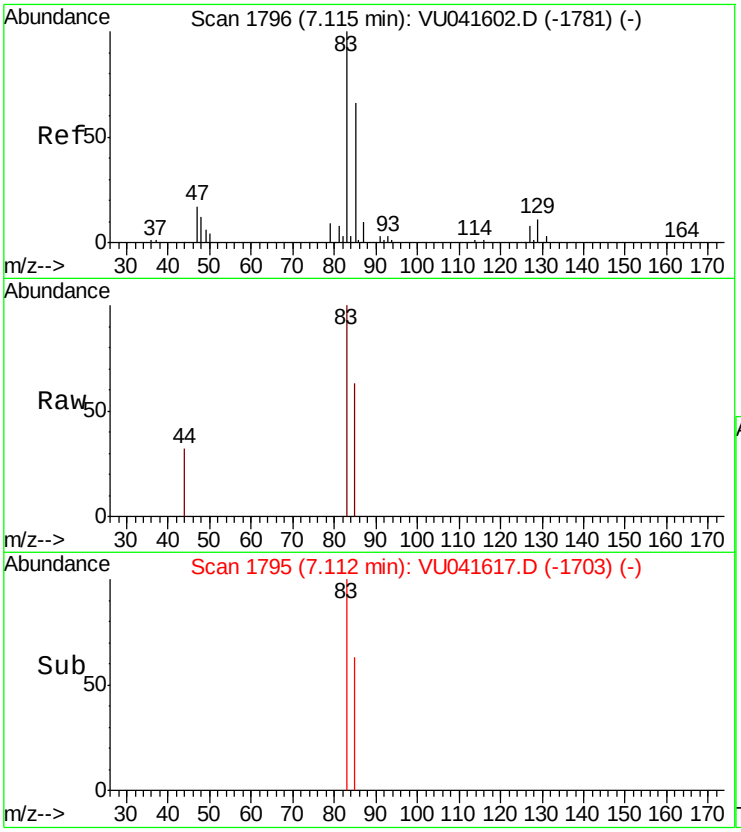


#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Tgt Ion: 63 Resp: 5067

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



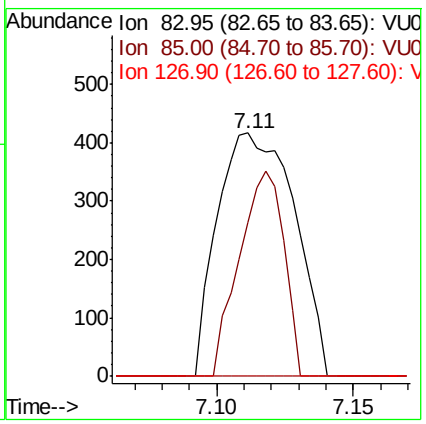


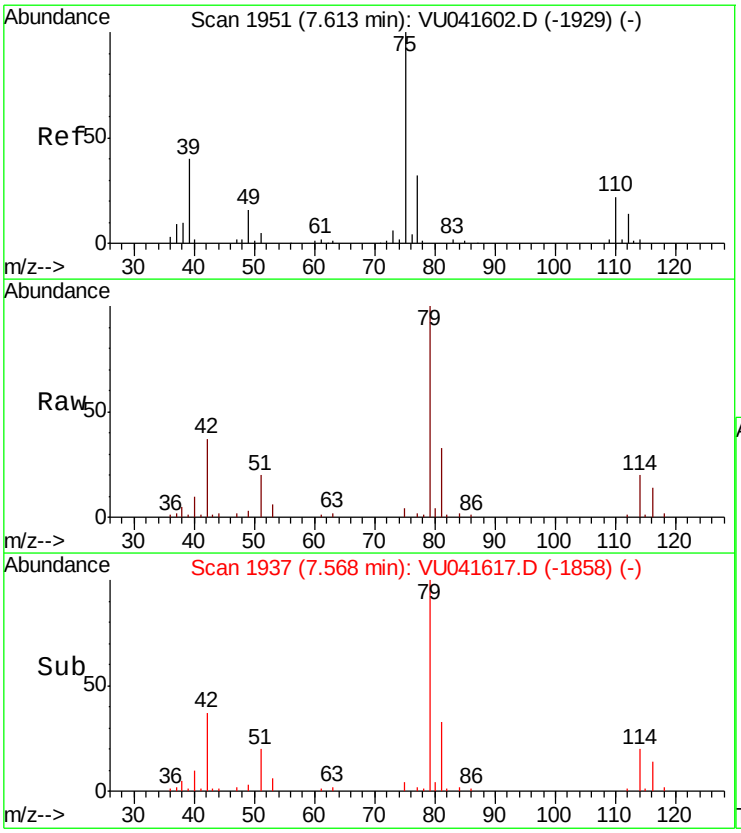
#38
Bromodichloromethane
Concen: 0.070 ug/L
RT: 7.11 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 820

Ion	Ratio	Lower	Upper
83	100		
85	63.1	45.5	84.5
127	0.0	7.0	10.6#

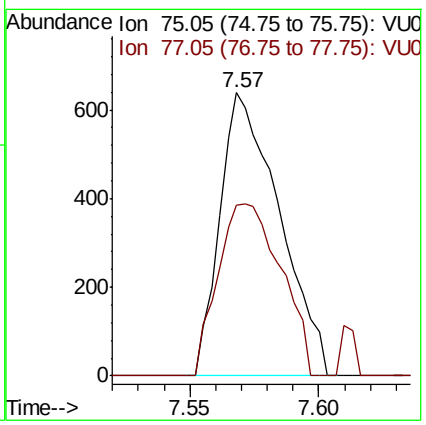


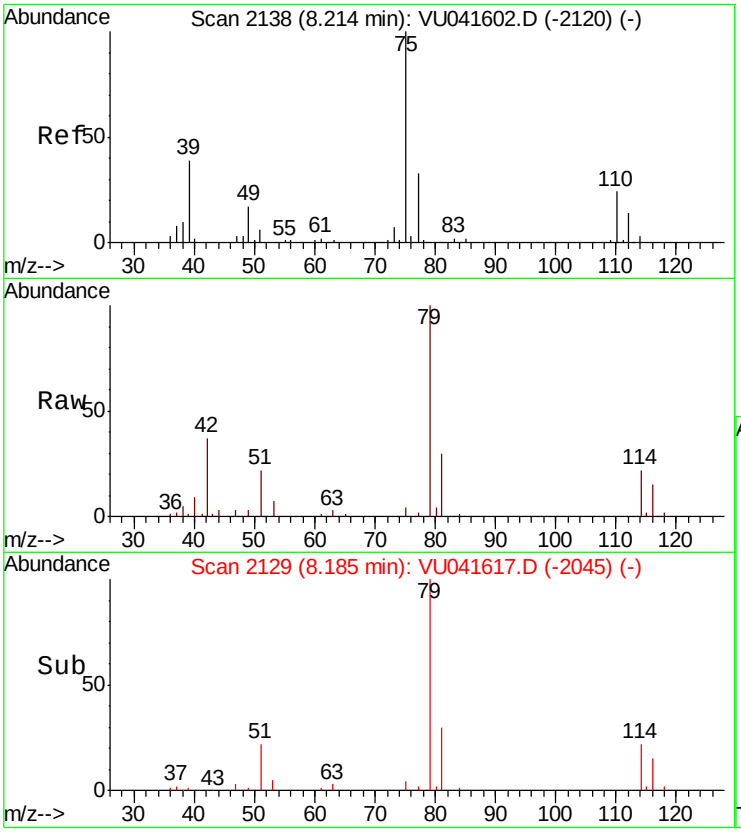


#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Tgt Ion: 75 Resp: 1025

Ion	Ratio	Lower	Upper
75	100		
77	60.2	22.3	41.3#



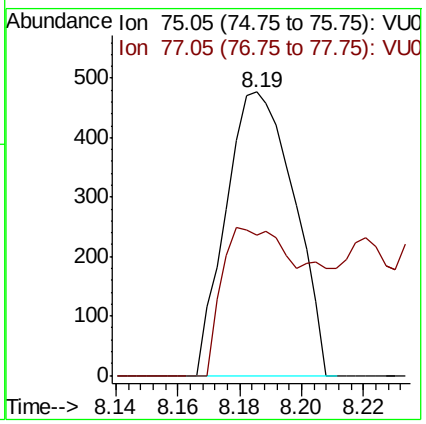


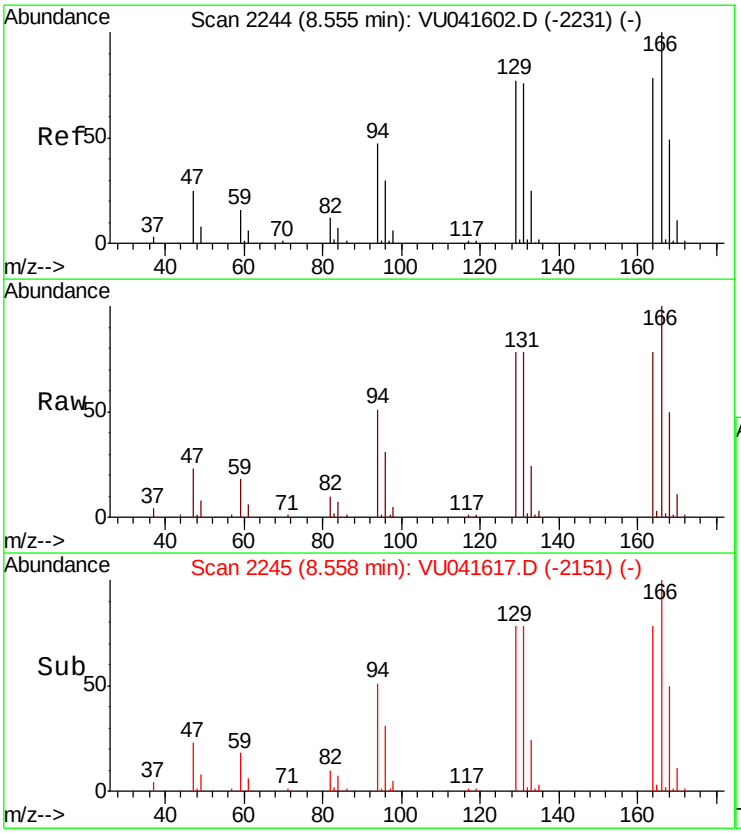
#44
trans-1,3-Dichloropropene
Concen: 0.058 ug/L
RT: 8.19 min Scan# 2129
Delta R.T. -0.03 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 728

Ion	Ratio	Lower	Upper
75	100		
77	49.3	23.8	44.2#

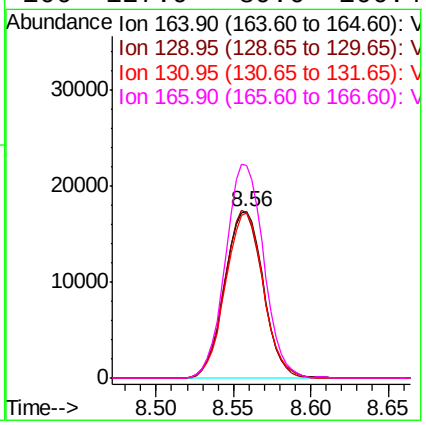


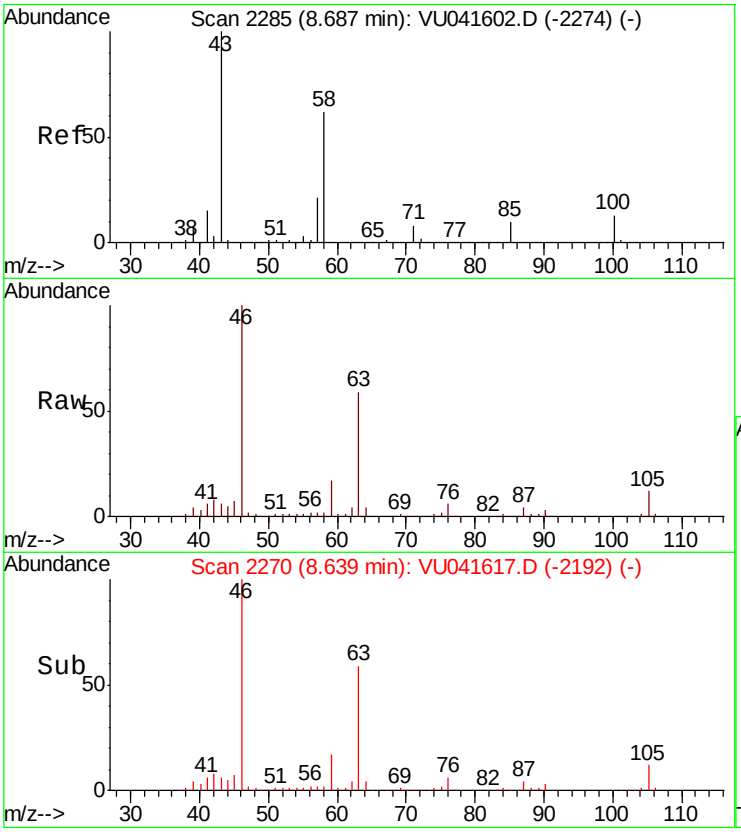


#47
Tetrachloroethene
Concen: 4.620 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Tgt Ion:164 Resp: 30049

Ion	Ratio	Lower	Upper
164	100		
129	99.6	72.2	134.0
131	99.2	66.9	124.3
166	127.9	89.6	166.4



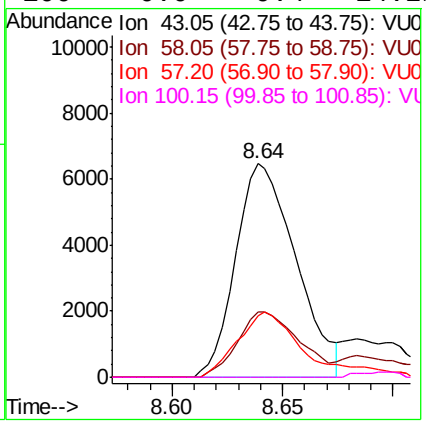


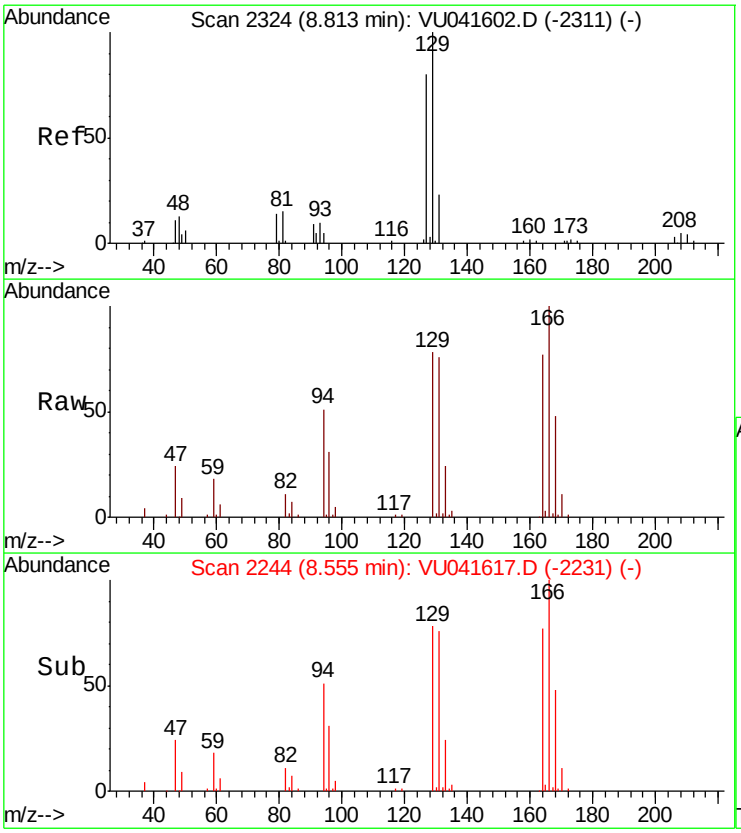
#48
2-Hexanone
Concen: 2.501 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 12250

Ion	Ratio	Lower	Upper
43	100		
58	31.0	47.9	71.9#
57	33.7	16.5	24.7#
100	0.0	9.4	14.2#

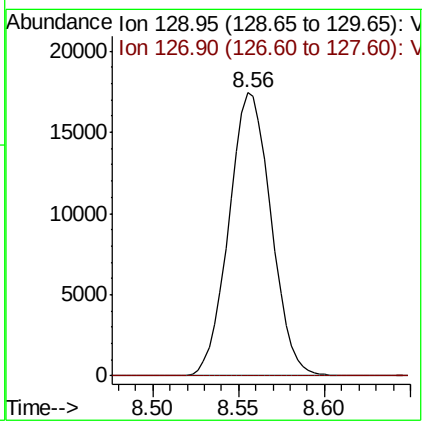


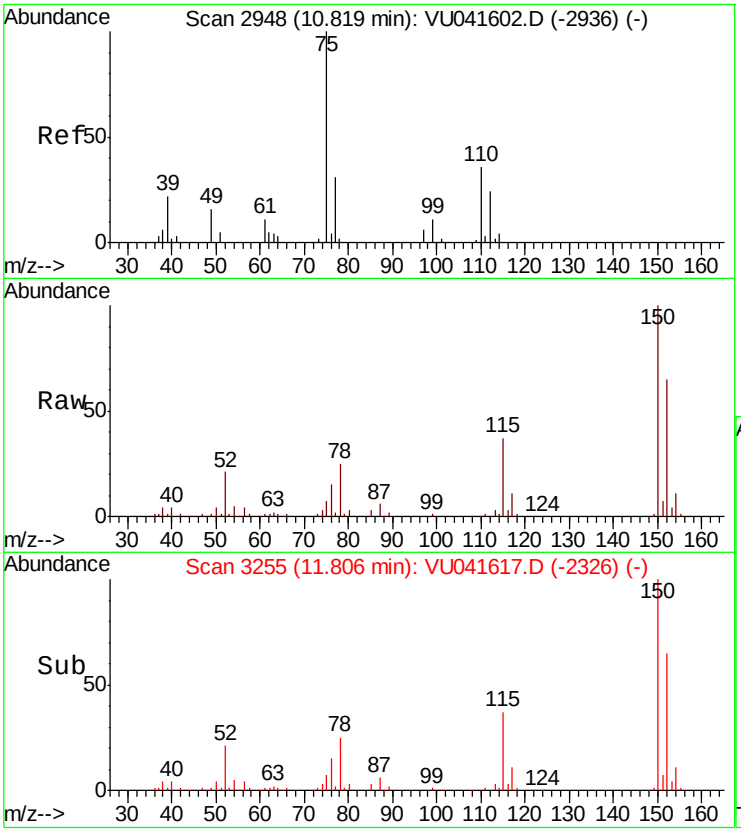


#49
Dibromochloromethane
Concen: 3.714 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Tgt Ion:129 Resp: 29838

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.848 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.99 min
Lab File: VU041617.D
Acq: 14 Dec 2020 17:50

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6020

Ion	Ratio	Lower	Upper
75	100		
77	32.4	26.2	39.2