Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122220\
Data File : VU041753.D
Acq On : 22 Dec 2020 20:01
Operator : SY/MD
Sample : L5185-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BG4S4

Quant Time: Dec 23 05:10:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	127551	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	122323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52522	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	33827	3.39	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.80%			
7) Chloroethane-d5	1.92	69	38735	5.02	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.40%			
11) 1,1-Dichloroethene-d2	2.58	63	53970	2.94	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.80%#			
20) 2-Butanone-d5	4.65	46	161303	56.31	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.62%			
24) Chloroform-d	5.08	84	82918	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.72	65	48041	4.96	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.20%			
32) Benzene-d6	5.74	84	156980	4.48	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.60%			
36) 1,2-Dichloropropane-d6	6.70	67	52655	4.79	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.80%			
41) Toluene-d8	7.90	98	130234	4.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%			
43) trans-1,3-Dichloropropene-	8.18	79	21135	4.28	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.60%			
46) 2-Hexanone-d5	8.64	63	141306	52.35	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.70%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52998	5.31	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	52021	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	462	0.044	ug/L	93
5) Vinyl chloride	1.74	62	454	0.039	ug/L	86
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	543	0.062	ug/L #	22
13) Acetone	2.66	43	2421	1.329	ug/L	67
34) Trichloroethene	6.55	95	190590	19.388	ug/L	95
35) Methylcyclohexane	6.70	83	12581	0.792	ug/L #	18
37) 1,2-Dichloropropane	6.70	63	5420	0.542	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1083	0.073	ug/L #	46
44) trans-1,3-Dichloropropene	8.18	75	1014	0.076	ug/L	86
47) Tetrachloroethene	8.56	164	3438	0.500	ug/L	84
48) 2-Hexanone	8.64	43	14935	2.882	ug/L #	65
49) Dibromochloromethane	8.56	129	3840	0.452	ug/L #	10
59) 1,2,3-Trichloropropane	11.81	75	6023	0.801	ug/L	98

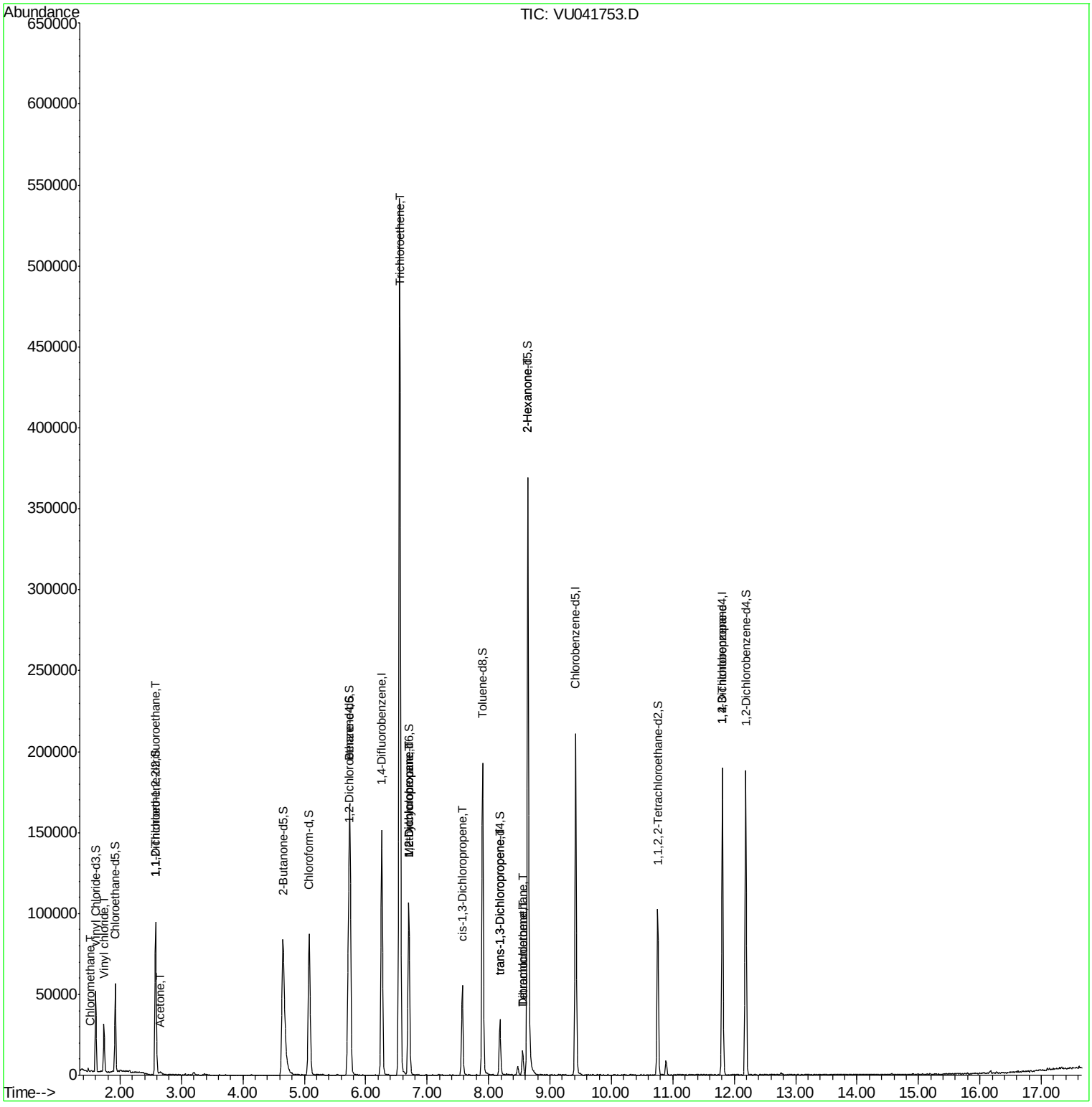
(#) = qualifier out of range (m) = manual integration (+) = signals summed

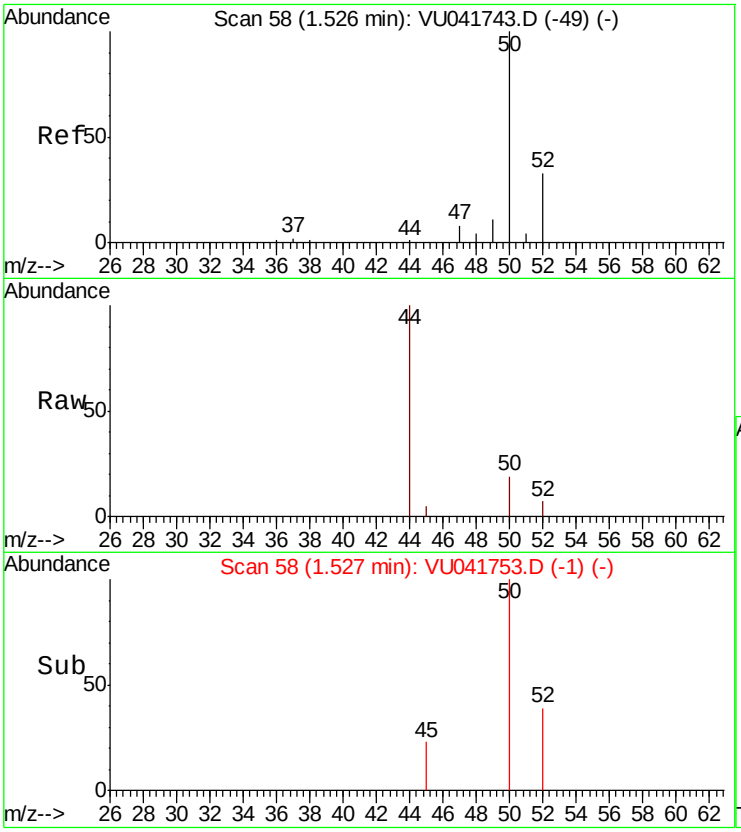
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122220\
Data File : VU041753.D
Acq On : 22 Dec 2020 20:01
Operator : SY/MD
Sample : L5185-06
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG4S4

Quant Time: Dec 23 05:10:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Dec 23 05:08:09 2020
Response via : Initial Calibration



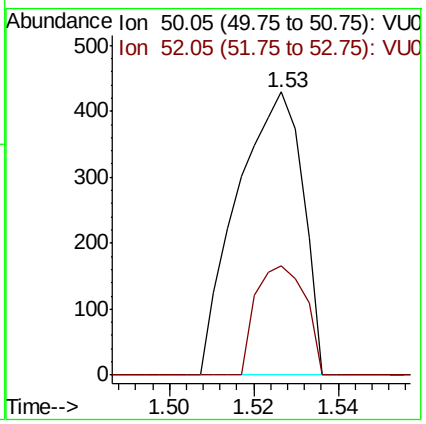


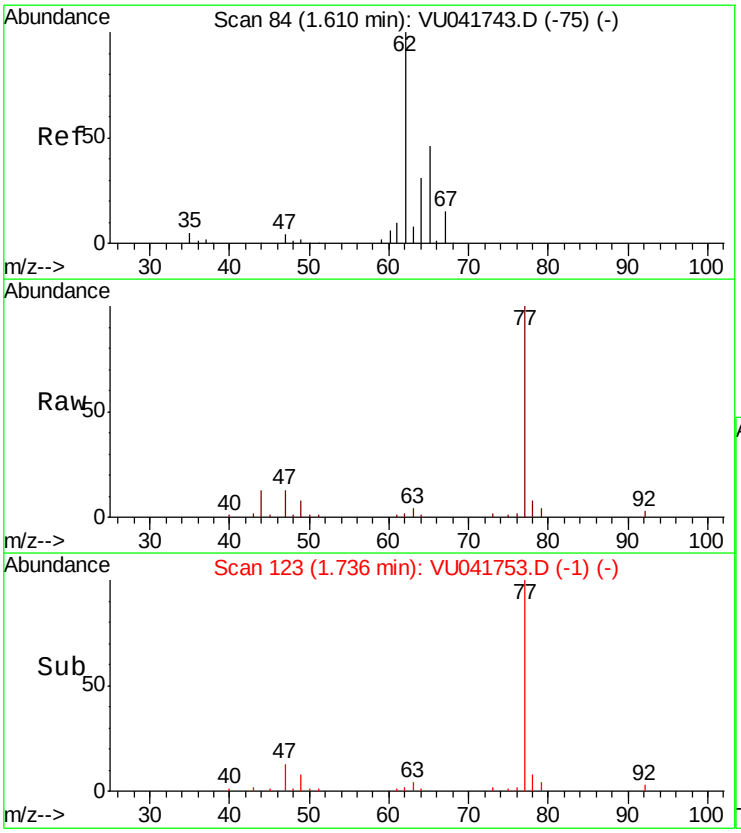
#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.53 min Scan# 58
Delta R.T. 0.00 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
BG4S4

Tgt Ion: 50 Resp: 462

Ion	Ratio	Lower	Upper
50	100		
52	38.7	24.1	44.8

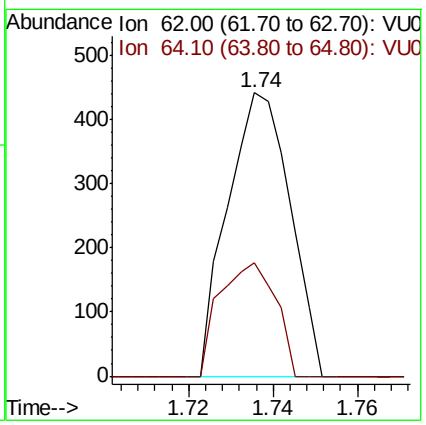


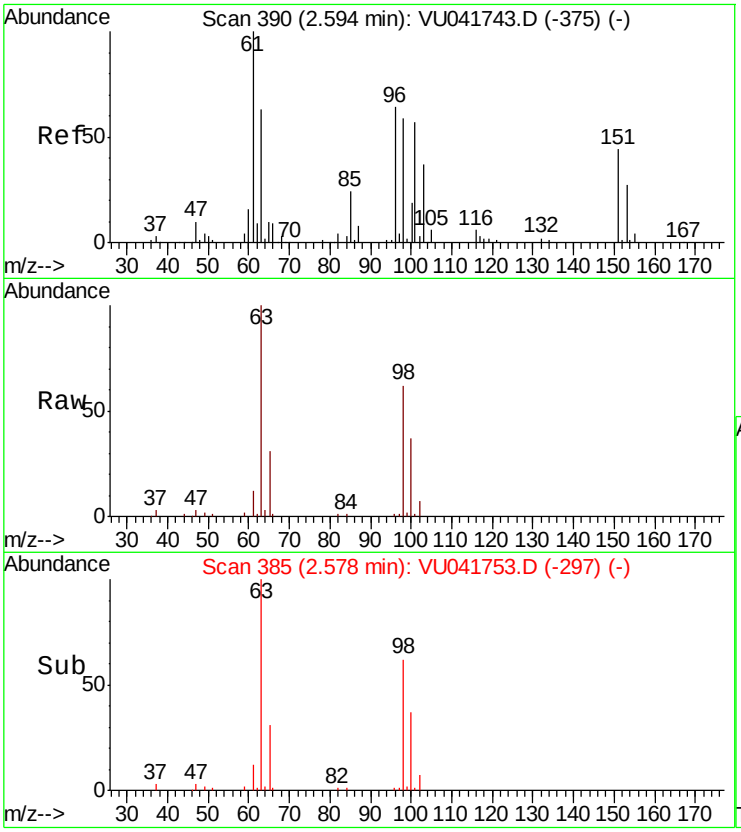


#5
Vinyl chloride
Concen: 0.039 ug/L
RT: 1.74 min Scan# 123
Delta R.T. 0.13 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Tgt Ion: 62 Resp: 454

Ion	Ratio	Lower	Upper
62	100		
64	39.8	22.5	41.7



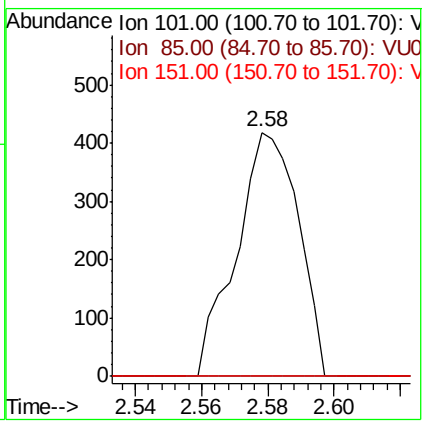


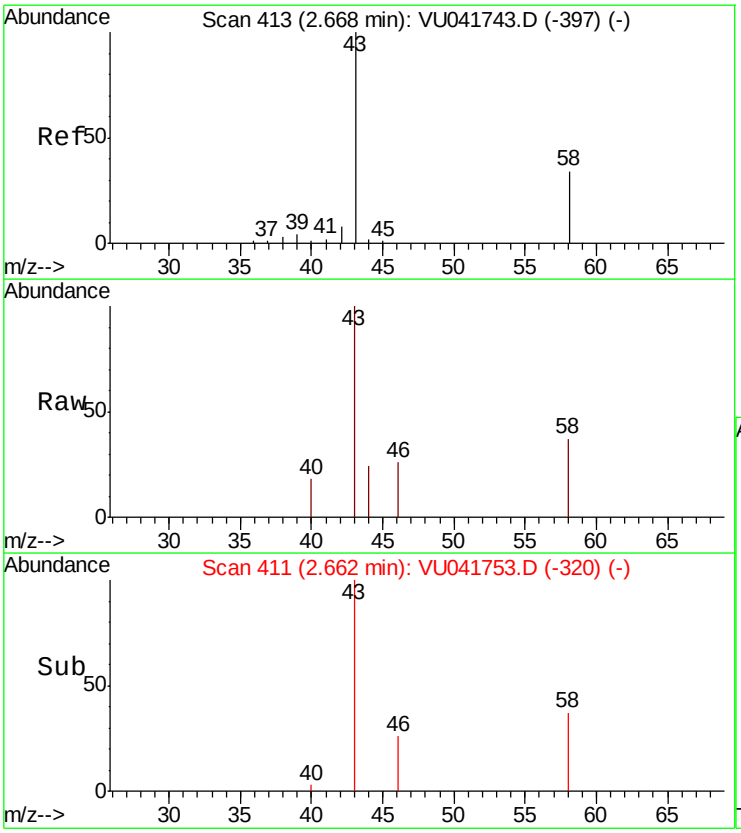
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.58 min Scan# 385
Delta R.T. -0.02 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Instrument : MSVOA_U
ClientSampleId : BG4S4

Tgt Ion:101 Resp: 543

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

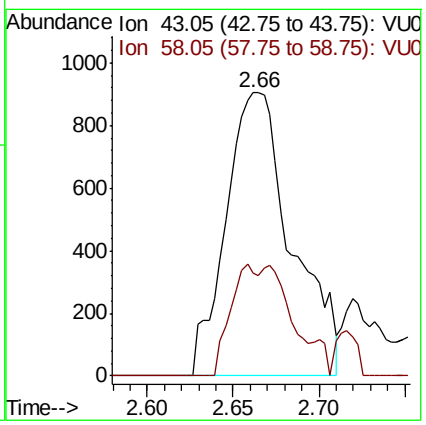


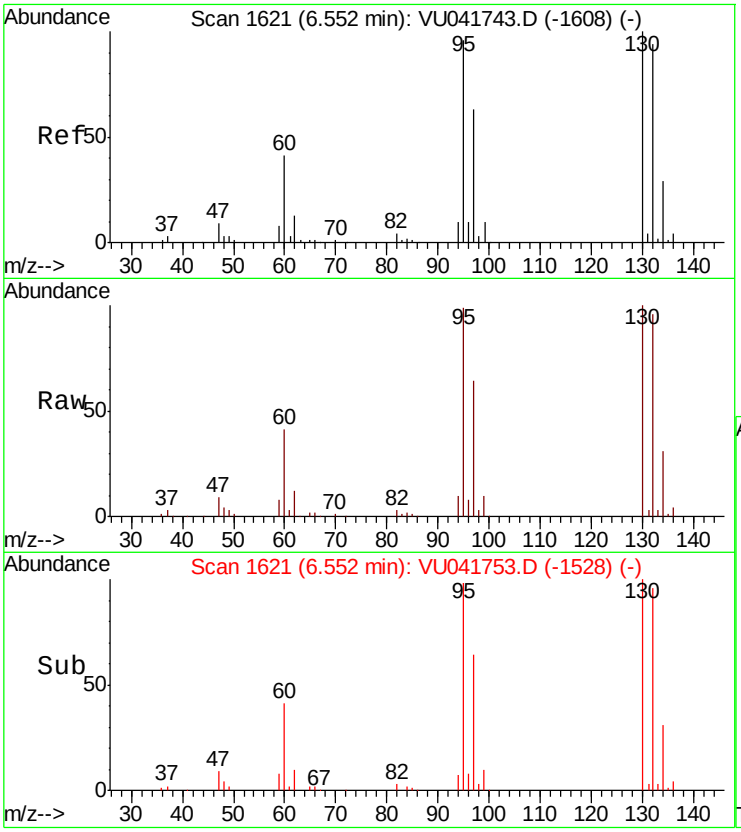


#13
Acetone
Concen: 1.329 ug/L
RT: 2.66 min Scan# 411
Delta R.T. -0.01 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Tgt Ion: 43 Resp: 2421

Ion	Ratio	Lower	Upper
43	100		
58	16.8	0.0	73.2



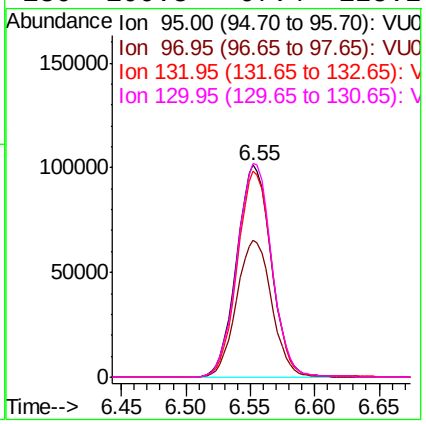


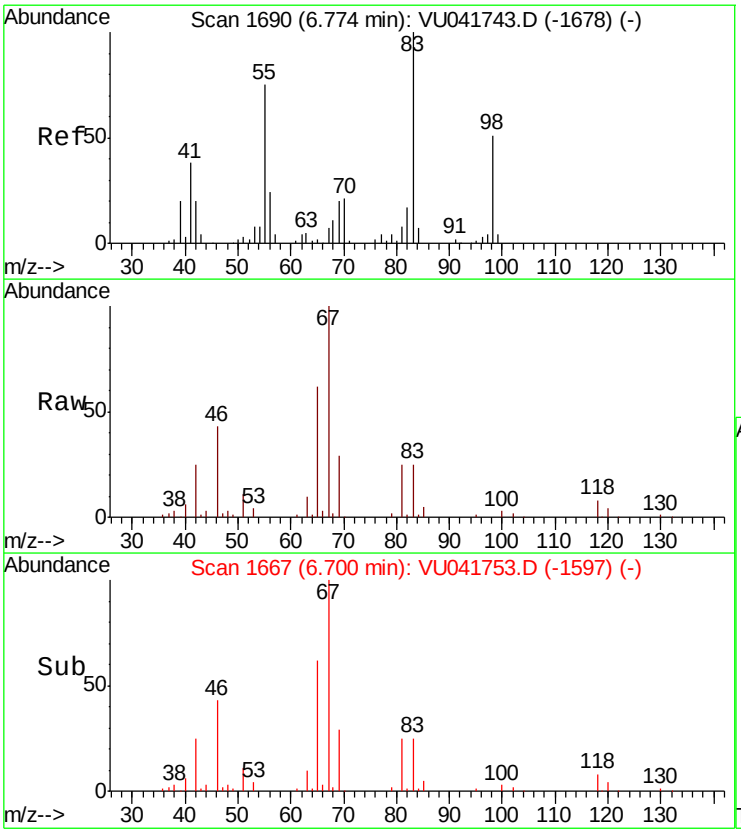
#34
Trichloroethene
Concen: 19.388 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
BG4S4

Tgt Ion: 95 Resp: 190590

Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.9	81.5
132	97.1	63.1	117.3
130	100.8	67.4	125.2

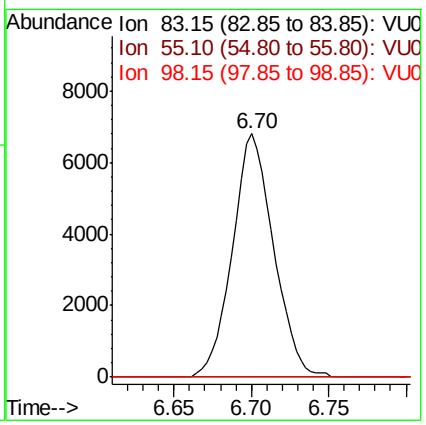


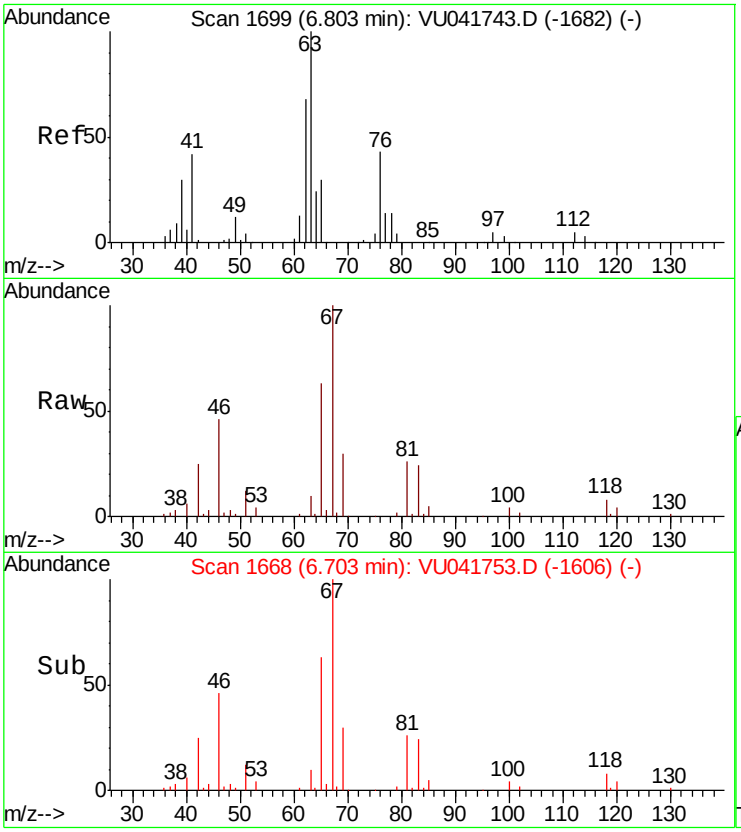


#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Tgt Ion: 83 Resp: 12581

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



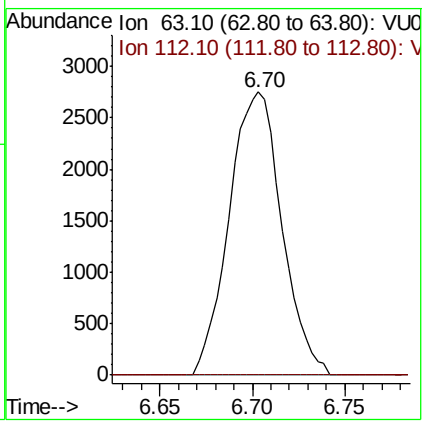


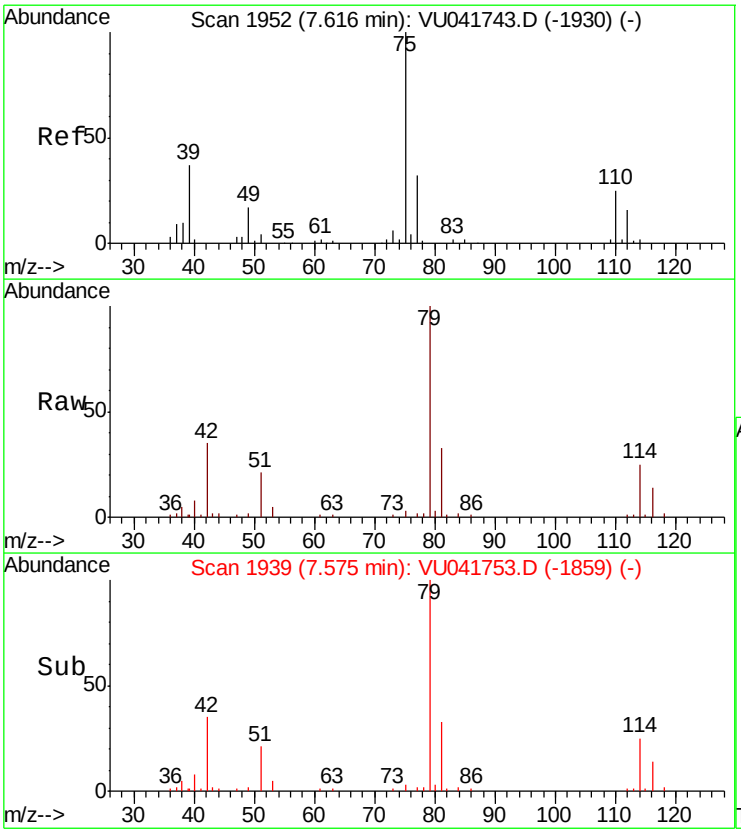
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
BG4S4

Tgt Ion: 63 Resp: 5420

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#

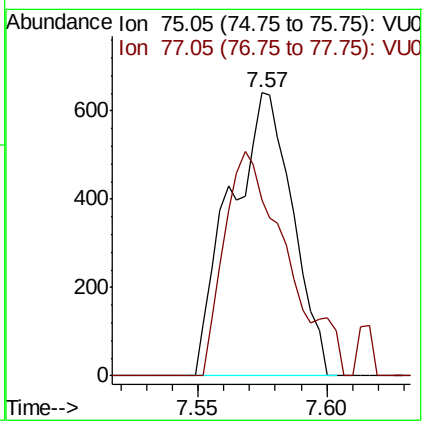


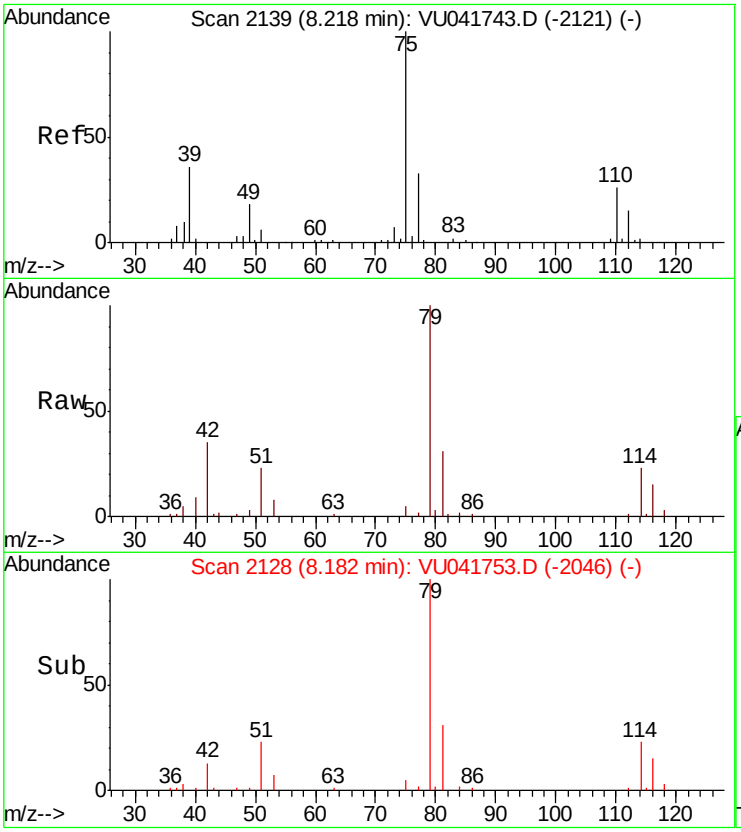


#39
cis-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Tgt Ion: 75 Resp: 1083

Ion	Ratio	Lower	Upper
75	100		
77	61.9	22.3	41.3#



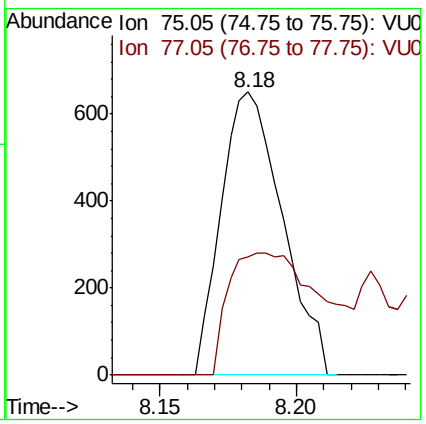


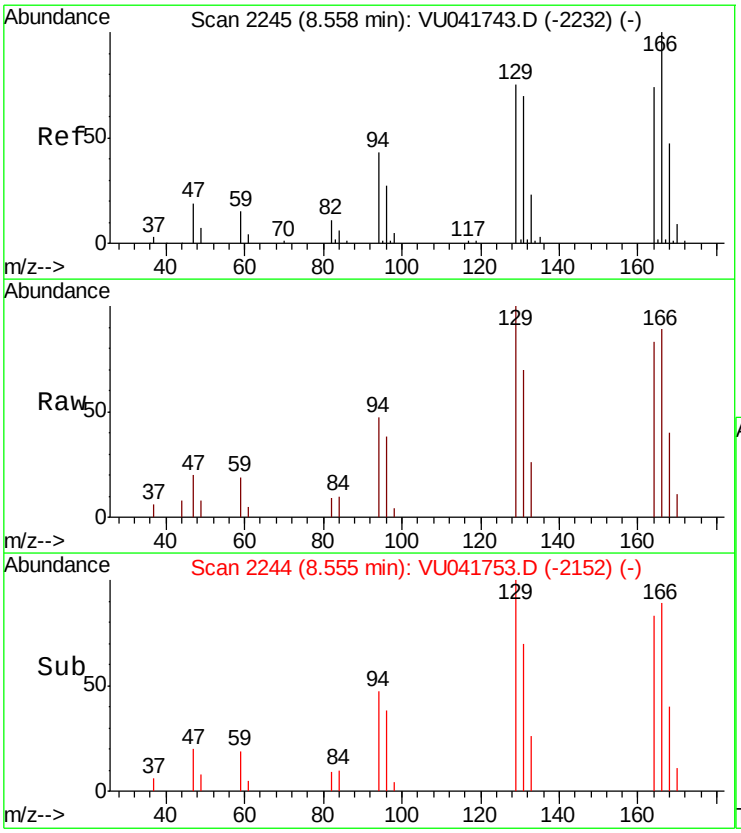
#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.04 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
BG4S4

Tgt Ion: 75 Resp: 1014

Ion	Ratio	Lower	Upper
75	100		
77	41.9	23.8	44.2

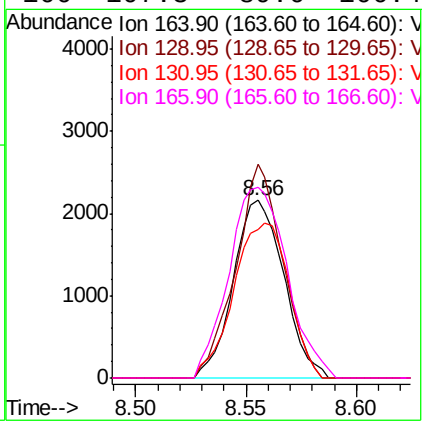


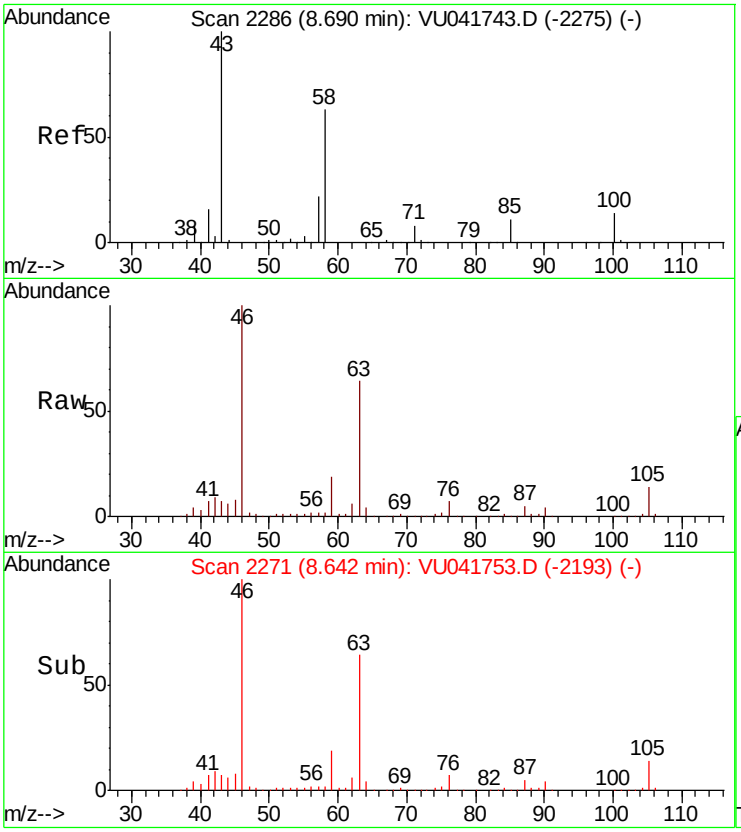


#47
Tetrachloroethene
Concen: 0.500 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Tgt Ion:164 Resp: 3438

Ion	Ratio	Lower	Upper
164	100		
129	120.1	72.2	134.0
131	83.8	66.9	124.3
166	107.3	89.6	166.4



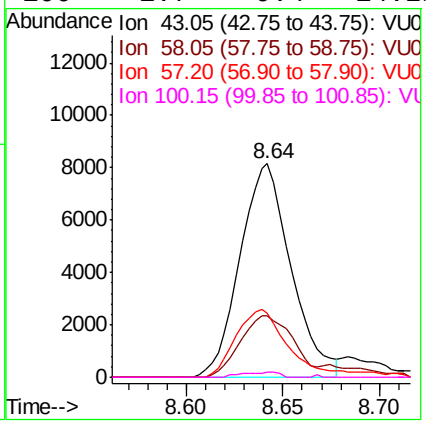


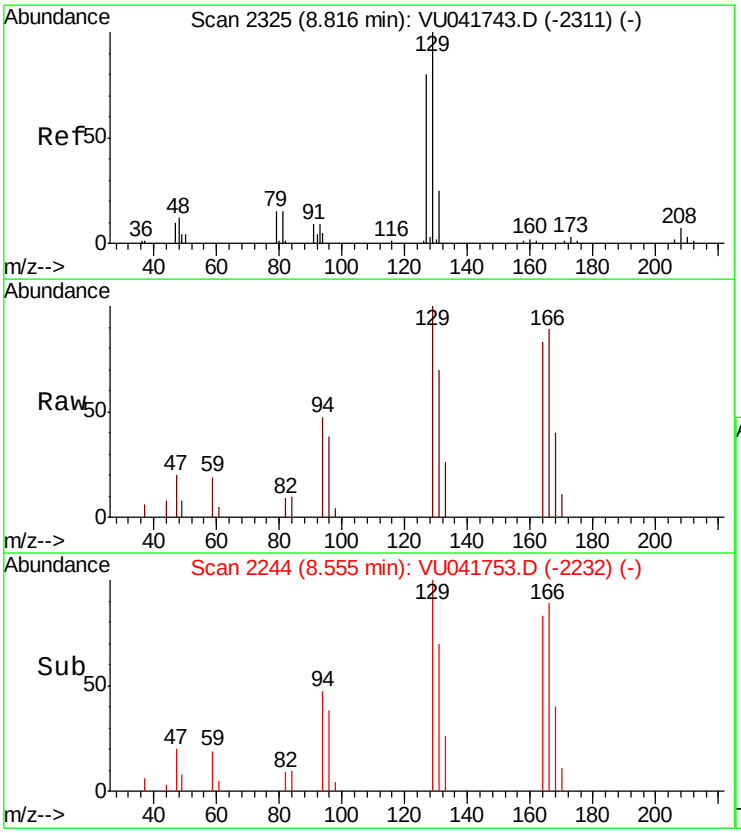
#48
2-Hexanone
Concen: 2.882 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Instrument : MSVOA_U
ClientSampleId : BG4S4

Tgt Ion: 43 Resp: 14935

Ion	Ratio	Lower	Upper
43	100		
58	29.8	47.9	71.9#
57	32.5	16.5	24.7#
100	1.7	9.4	14.2#

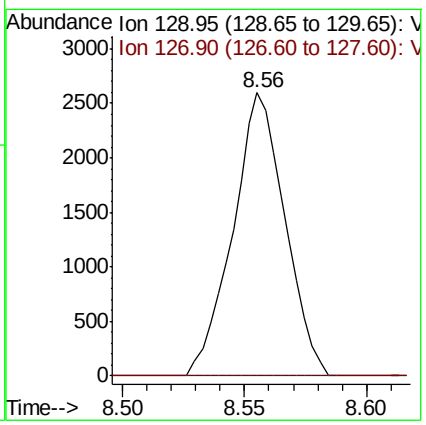


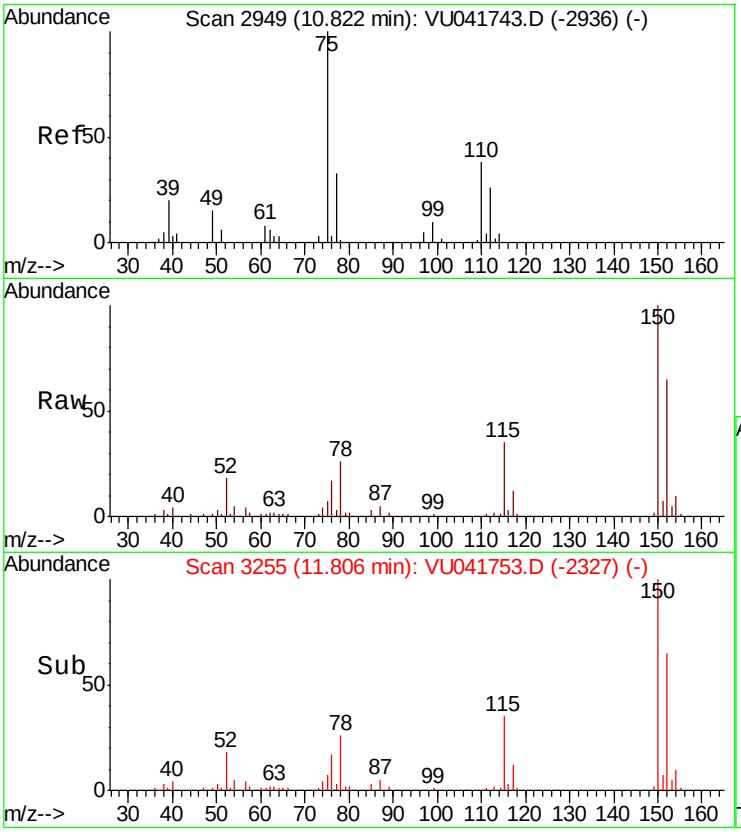


#49
Dibromochloromethane
Concen: 0.452 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Tgt Ion:129 Resp: 3840

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.7	101.7#





#59
1,2,3-Trichloropropane
Concen: 0.801 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU041753.D
Acq: 22 Dec 2020 20:01

Instrument :
MSVOA_U
ClientSampleId :
BG4S4

Tgt Ion: 75 Resp: 6023

Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.2	39.2