Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080820\
Data File : VU039812.D
Acq On : 08 Aug 2020 15:41
Operator : SY/MD
Sample : L3591-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Aug 10 01:20:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 01:16:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	76975	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74461	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	34732	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23173	5.58	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 111.60%			
7) Chloroethane-d5	1.92	69	21078	4.69	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.80%			
11) 1,1-Dichloroethene-d2	2.58	63	36083	4.31	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.20%			
20) 2-Butanone-d5	4.66	46	76081	41.62	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 83.24%			
24) Chloroform-d	5.08	84	47373	4.56	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.20%			
26) 1,2-Dichloroethane-d4	5.72	65	28272	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.75	84	92464	5.22	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.40%			
36) 1,2-Dichloropropane-d6	6.70	67	29264	4.82	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.40%			
41) Toluene-d8	7.91	98	77046	4.90	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.00%			
43) trans-1,3-Dichloropropene-	8.19	79	9940	4.27	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.40%			
46) 2-Hexanone-d5	8.64	63	54751	43.50	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.00%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	24100	4.09	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.80%			
64) 1,2-Dichlorobenzene-d4	12.19	152	32109	5.40	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.00%			
Target Compounds						Qvalue
8) Chloroethane	1.91	64	839	0.183	ug/L	84
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	5355	1.014	ug/L	96
12) 1,1-Dichloroethene	2.59	96	1046	0.228	ug/L #	1
17) Methyl tert-butyl Ether	3.39	73	9340	0.766	ug/L	96
22) cis-1,2-Dichloroethene	4.69	96	1744	0.314	ug/L	92
25) Chloroform	5.11	83	2015	0.199	ug/L	86
34) Trichloroethene	6.55	95	828	0.157	ug/L #	83
35) Methylcyclohexane	6.71	83	6877	0.818	ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3374	0.626	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	734	0.100	ug/L #	63
47) Tetrachloroethene	8.56	164	2150	0.495	ug/L	88
49) Dibromochloromethane	8.56	129	2169	0.436	ug/L #	12
59) 1,2,3-Trichloropropane	11.81	75	5038	1.296	ug/L #	86

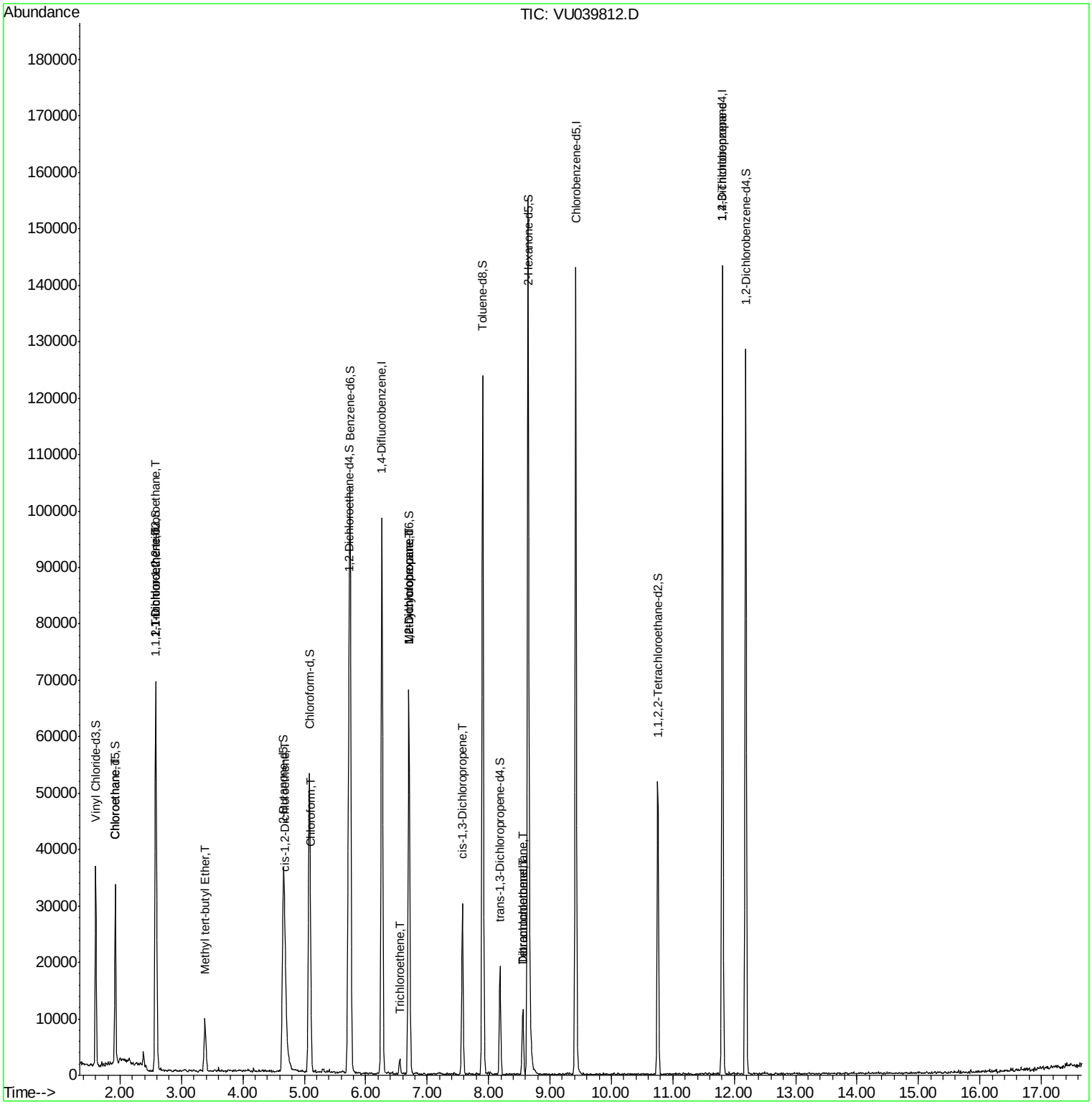
(#) = qualifier out of range (m) = manual integration (+) = signals summed

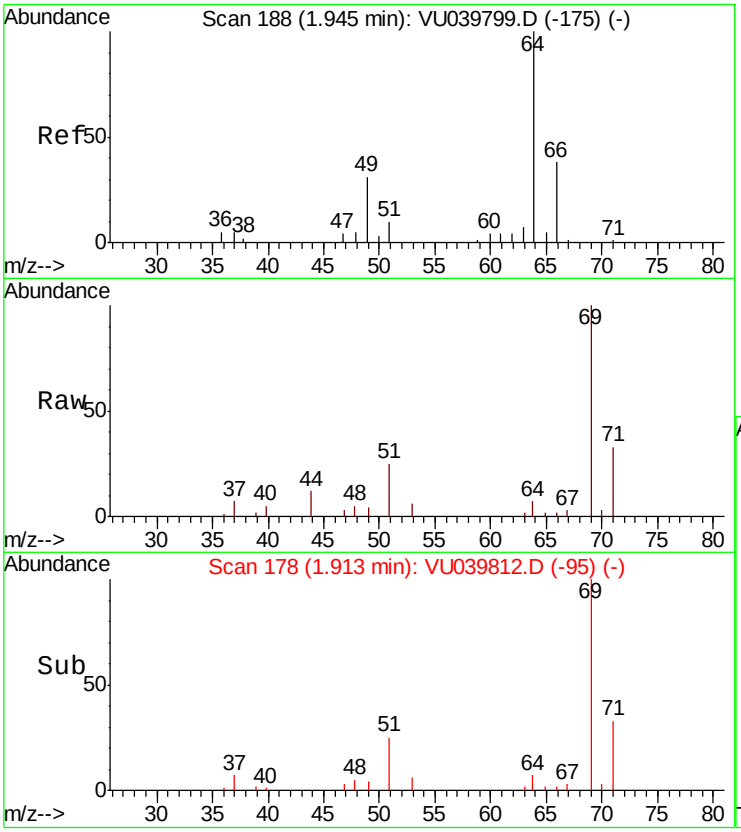
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080820\
Data File : VU039812.D
Acq On : 08 Aug 2020 15:41
Operator : SY/MD
Sample : L3591-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 10 01:20:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 01:16:49 2020
Response via : Initial Calibration



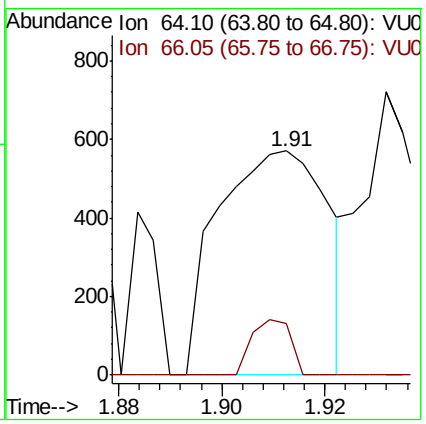


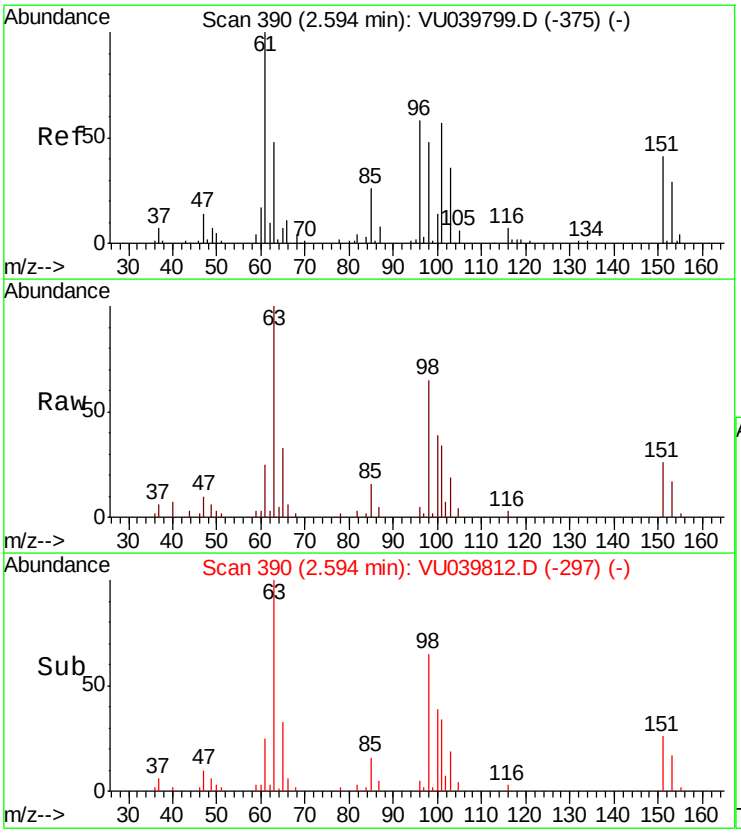
#8
Chloroethane
Concen: 0.183 ug/L
RT: 1.91 min Scan# 178
Delta R.T. -0.03 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 839

Ion	Ratio	Lower	Upper
64	100		
66	23.2	22.3	41.3

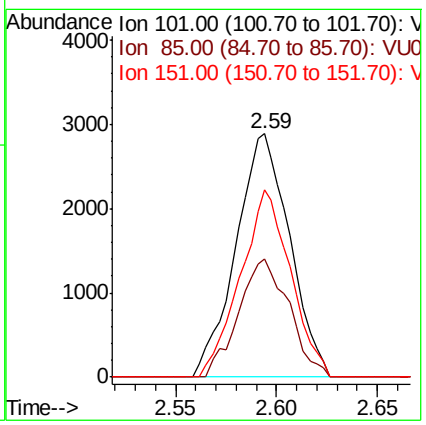


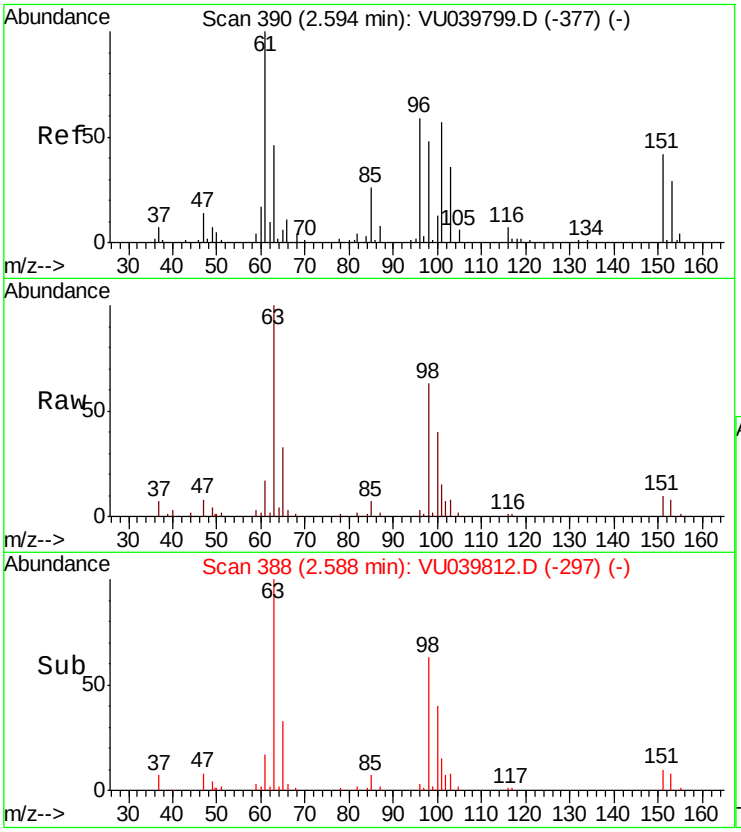


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.014 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Tgt Ion:101 Resp: 5355

Ion	Ratio	Lower	Upper
101	100		
85	45.8	37.9	56.9
151	72.0	54.7	82.1



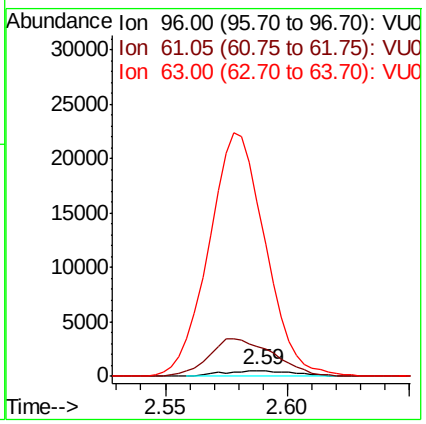


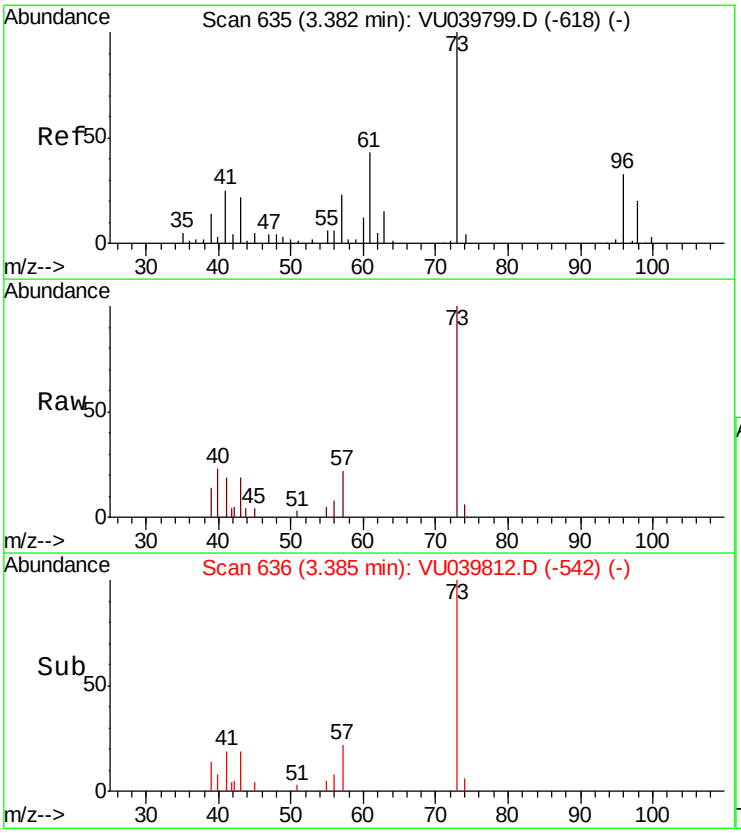
#12
1,1-Dichloroethene
Concen: 0.228 ug/L
RT: 2.59 min Scan# 388
Delta R.T. -0.01 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1046

Ion	Ratio	Lower	Upper
96	100		
61	487.6	121.7	225.9#
63	2886.2	82.1	152.5#

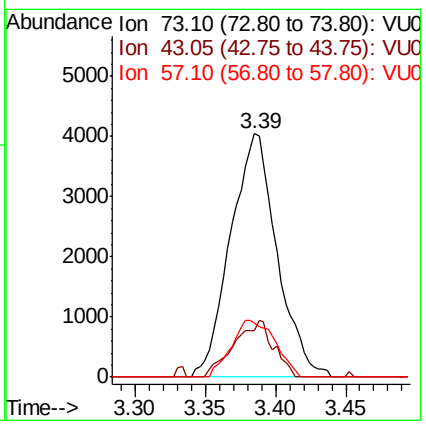


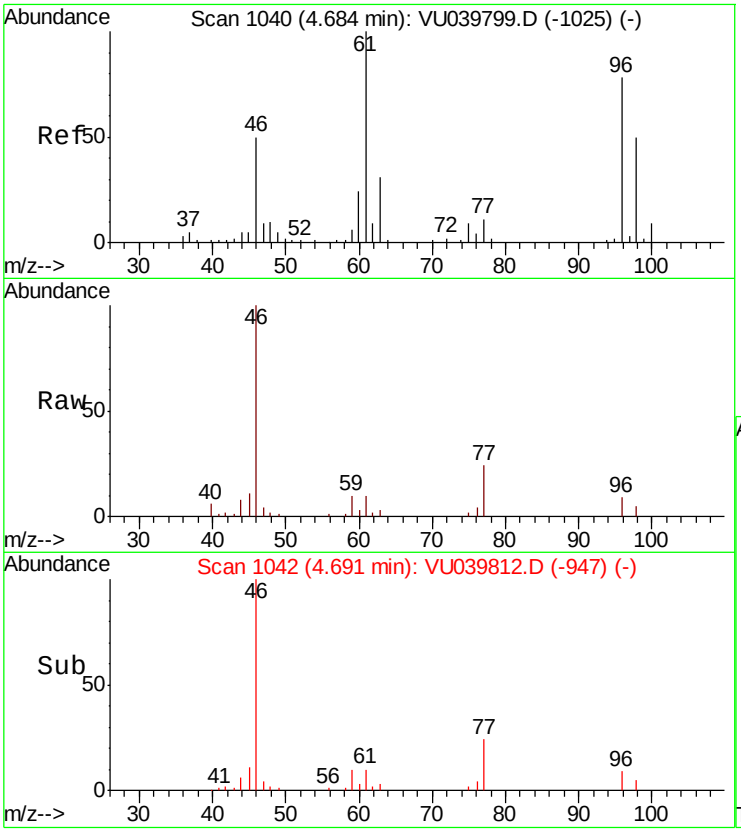


#17
Methyl tert-butyl Ether
Concen: 0.766 ug/L
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Tgt Ion: 73 Resp: 9340

Ion	Ratio	Lower	Upper
73	100		
43	19.9	18.2	27.4
57	21.8	17.8	26.8



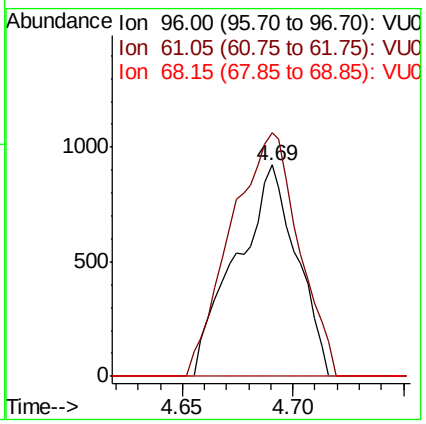


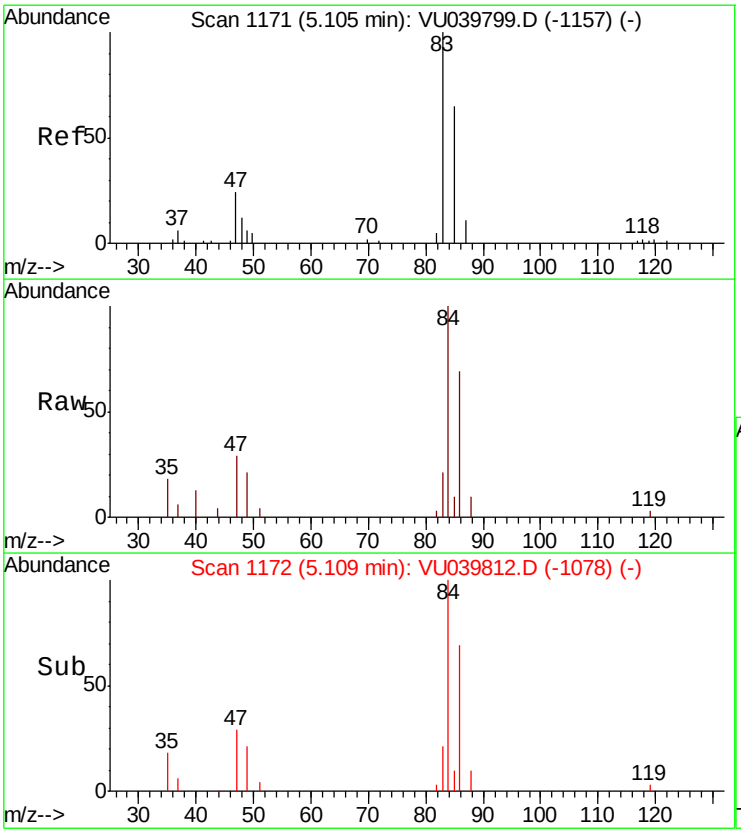
#22
cis-1,2-Dichloroethene
Concen: 0.314 ug/L
RT: 4.69 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1744

Ion	Ratio	Lower	Upper
96	100		
61	115.4	87.4	162.2
68	0.0	0.0	0.0

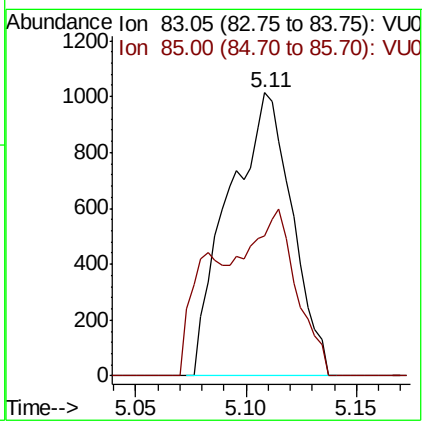


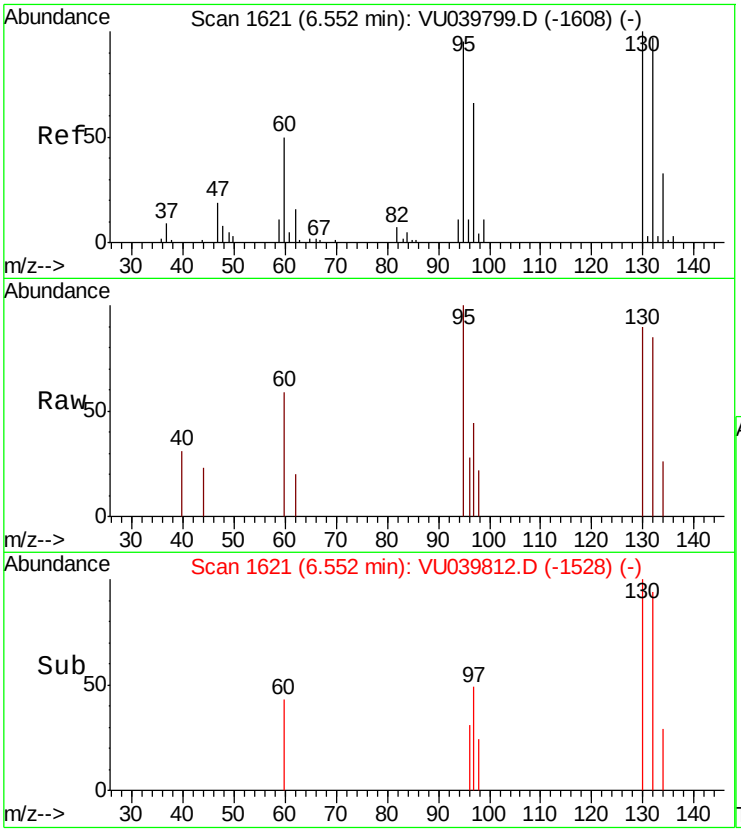


#25
Chloroform
Concen: 0.199 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Tgt Ion: 83 Resp: 2015

Ion	Ratio	Lower	Upper
83	100		
85	49.4	42.1	78.3



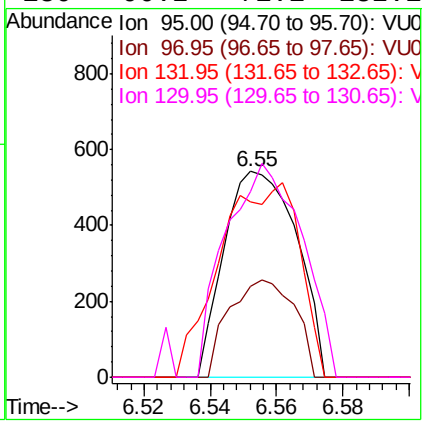


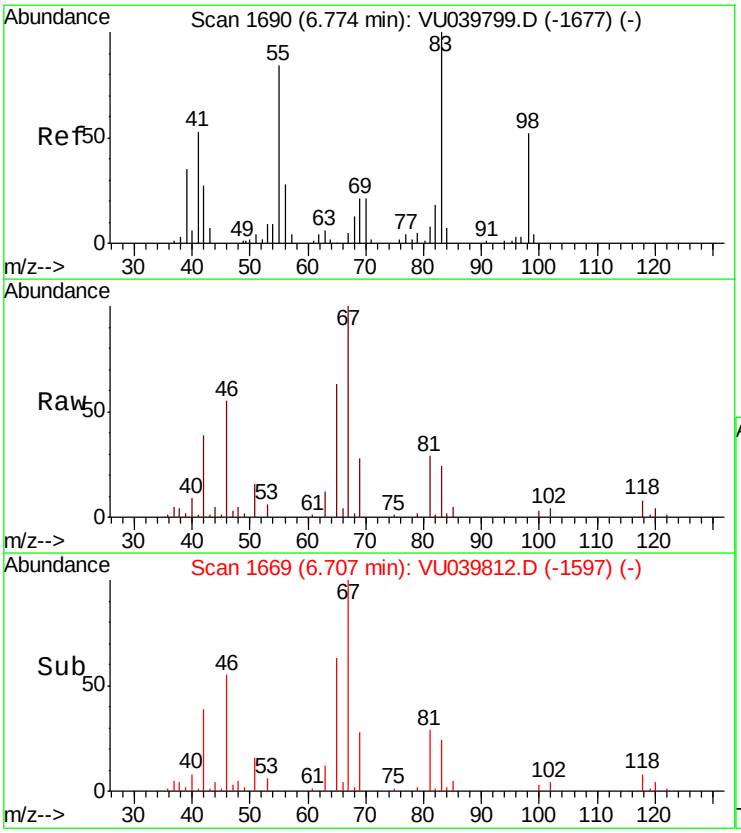
#34
Trichloroethene
Concen: 0.157 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 828

Ion	Ratio	Lower	Upper
95	100		
97	43.8	44.0	81.8#
132	85.1	71.7	133.3
130	90.2	71.1	132.1

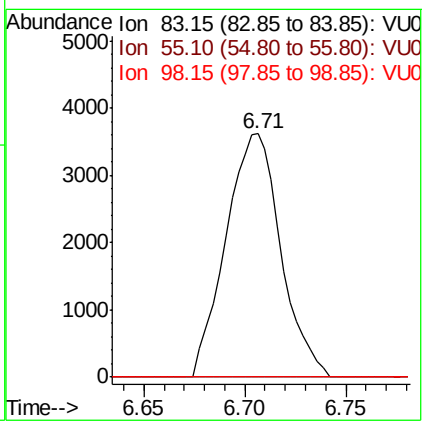


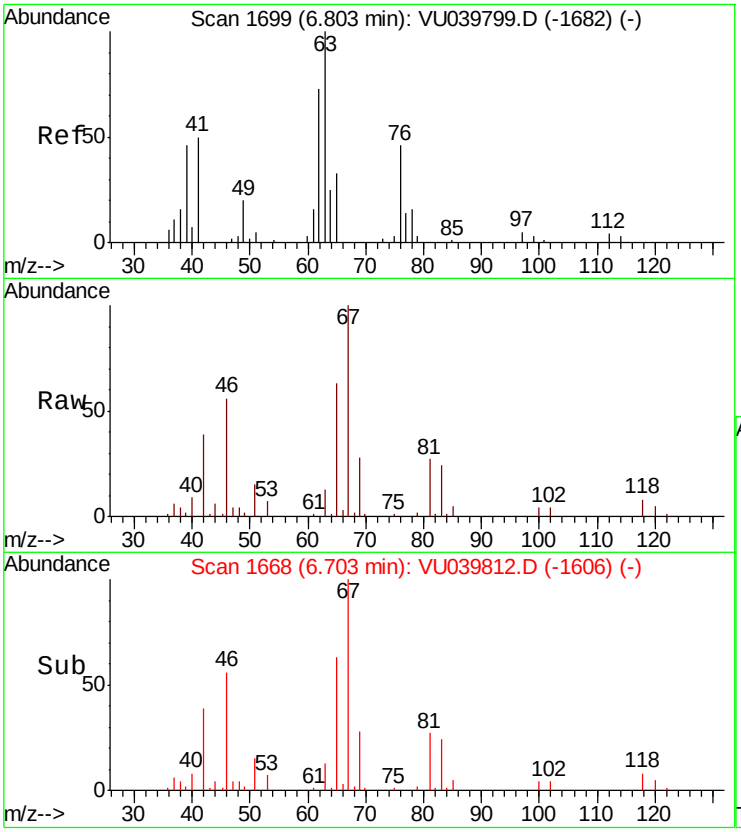


#35
Methylcyclohexane
Concen: 0.818 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.07 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Tgt Ion: 83 Resp: 6877

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.4	89.0#
98	0.7	39.0	58.4#



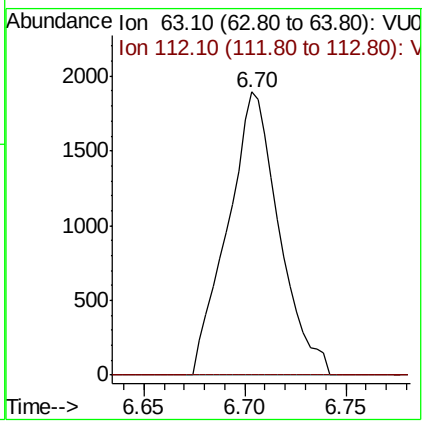


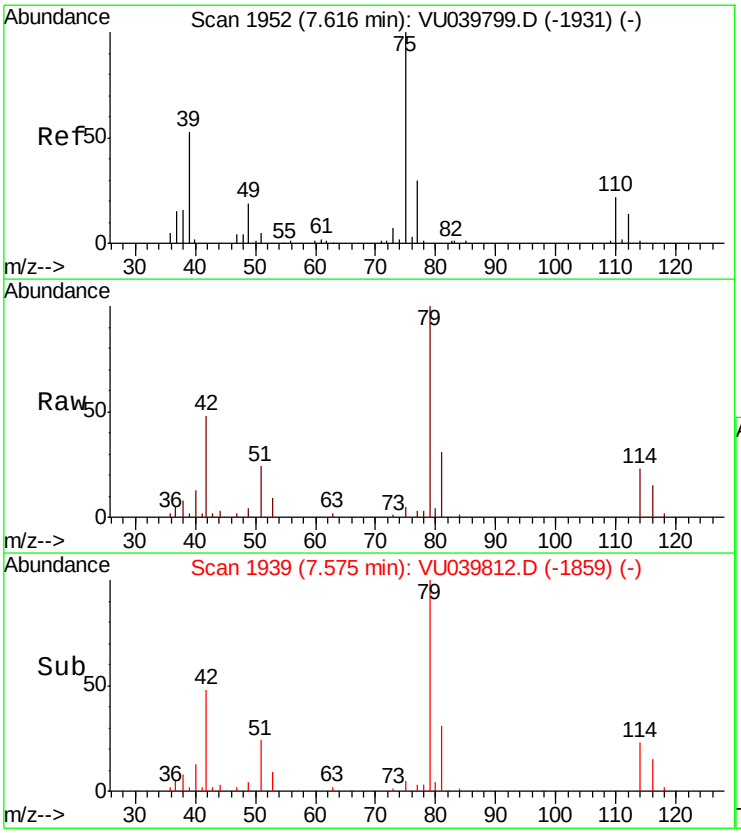
#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3374

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#

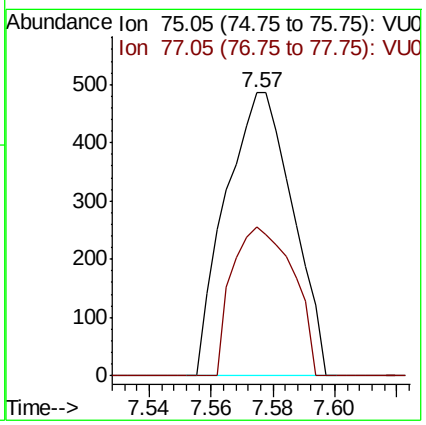


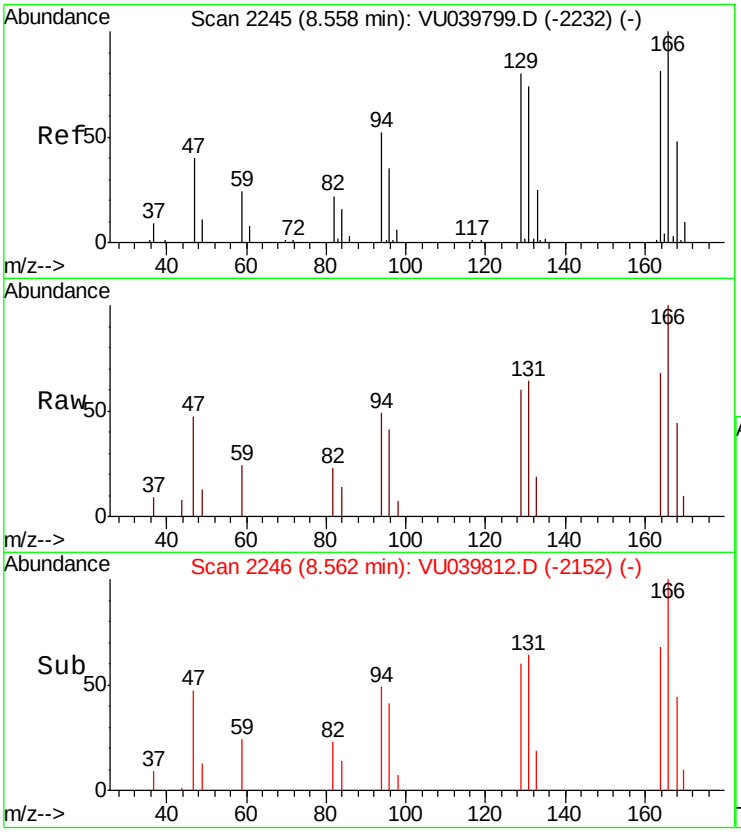


#39
cis-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Tgt Ion: 75 Resp: 734

Ion	Ratio	Lower	Upper
75	100		
77	52.5	22.4	41.6#



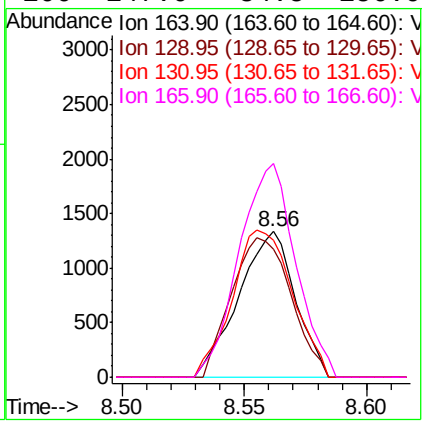


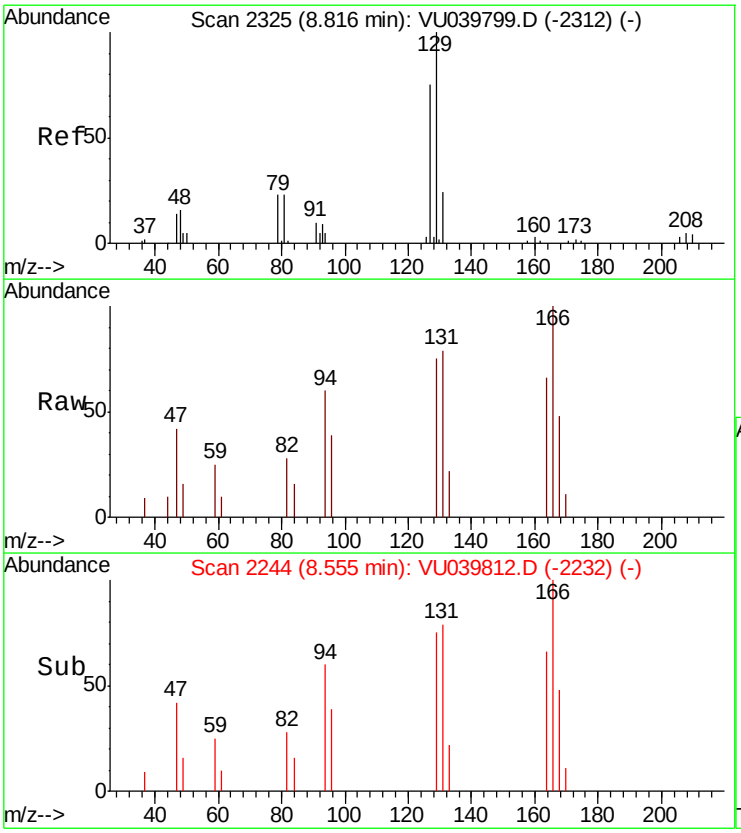
#47
Tetrachloroethene
Concen: 0.495 ug/L
RT: 8.56 min Scan# 2246
Delta R.T. 0.00 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 2150

Ion	Ratio	Lower	Upper
164	100		
129	87.7	65.9	122.5
131	93.8	68.1	126.5
166	147.0	84.5	156.9

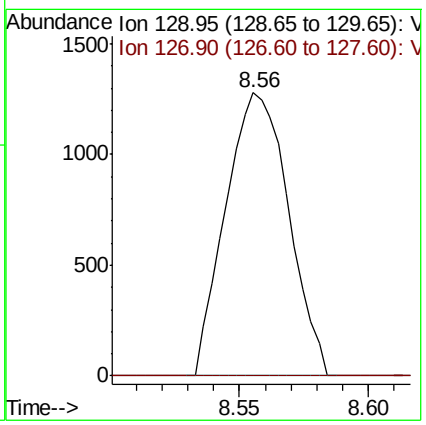


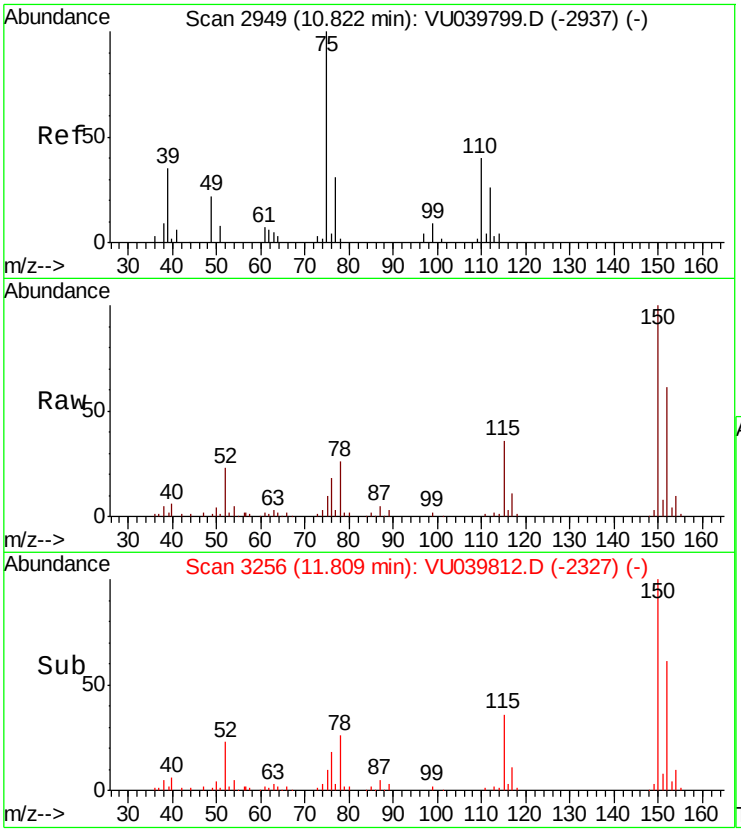


#49
Dibromochloromethane
Concen: 0.436 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Tgt Ion:129 Resp: 2169

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.0	98.4#





#59
1,2,3-Trichloropropane
Concen: 1.296 ug/L
RT: 11.81 min Scan# 3256
Delta R.T. 0.99 min
Lab File: VU039812.D
Acq: 08 Aug 2020 15:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 5038

Ion	Ratio	Lower	Upper
75	100		
77	38.2	24.6	37.0#