Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040784.D
Acq On : 18 Oct 2020 00:18
Operator : SY/MD
Sample : L4354-16MS
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:11:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113770	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117894	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46593	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	34290	3.64	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 72.80%			
7) Chloroethane-d5	1.93	69	33471	4.60	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.00%			
11) 1,1-Dichloroethene-d2	2.58	63	76921	4.17	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.40%			
20) 2-Butanone-d5	4.66	46	180758	59.92	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 119.84%			
24) Chloroform-d	5.08	84	79027	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.72	65	52509	5.21	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.20%			
32) Benzene-d6	5.74	84	142935	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.00%			
36) 1,2-Dichloropropane-d6	6.70	67	50207	4.76	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 95.20%			
41) Toluene-d8	7.91	98	107320	3.77	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.40%			
43) trans-1,3-Dichloropropene-	8.19	79	18954	4.24	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.80%			
46) 2-Hexanone-d5	8.64	63	118101	51.25	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.50%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49375	5.21	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	46832	5.42	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 108.40%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	1572	0.163	ug/L	99
5) Vinyl chloride	1.61	62	262506	25.858	ug/L	96
8) Chloroethane	1.96	64	764	0.118	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	435	0.046	ug/L #	22
12) 1,1-Dichloroethene	2.59	96	42270	5.207	ug/L	98
18) trans-1,2-Dichloroethene	3.38	96	1426	0.168	ug/L	93
22) cis-1,2-Dichloroethene	4.69	96	289040	31.542	ug/L	95
25) Chloroform	5.11	83	3430	0.191	ug/L	91
27) 1,2-Dichloroethane	5.79	62	1688	0.133	ug/L #	77
33) Benzene	5.79	78	186988	4.937	ug/L	100
34) Trichloroethene	6.56	95	49473	5.039	ug/L	97
35) Methylcyclohexane	6.70	83	12292	0.883	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5924	0.561	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	1023	0.071	ug/L #	60
42) Toluene	7.98	91	179811	4.659	ug/L	99
44) trans-1,3-Dichloropropene	8.18	75	966	0.073	ug/L #	77
47) Tetrachloroethene	8.56	164	562	0.080	ug/L #	79

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040784.D
Acq On : 18 Oct 2020 00:18
Operator : SY/MD
Sample : L4354-16MS
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:11:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.64	43	16768	2.677	ug/L	#	74
49) Dibromochloromethane	8.56	129	471	0.052	ug/L	#	9
51) Chlorobenzene	9.45	112	125951	4.954	ug/L		97
59) 1,2,3-Trichloropropane	11.81	75	6199	0.800	ug/L		90

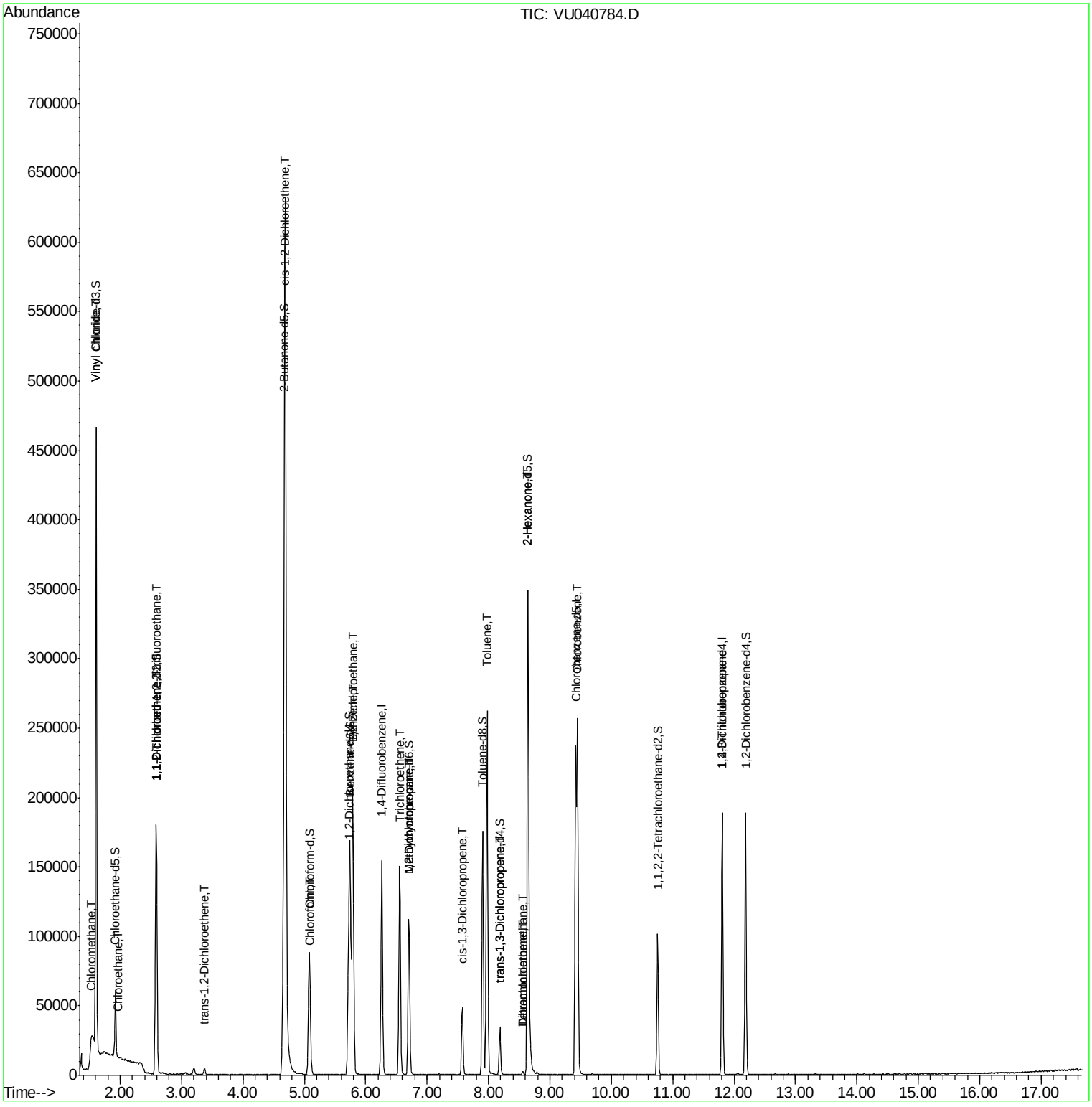
(#) = qualifier out of range (m) = manual integration (+) = signals summed

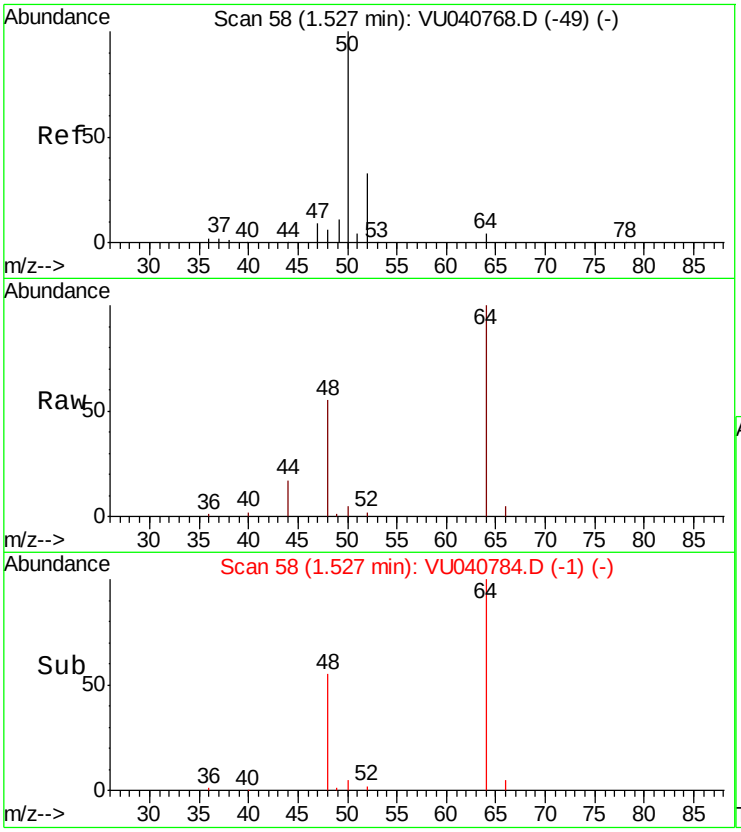
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101720\
Data File : VU040784.D
Acq On : 18 Oct 2020 00:18
Operator : SY/MD
Sample : L4354-16MS
Misc : 25.4mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Oct 19 03:11:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Oct 19 03:08:11 2020
Response via : Initial Calibration



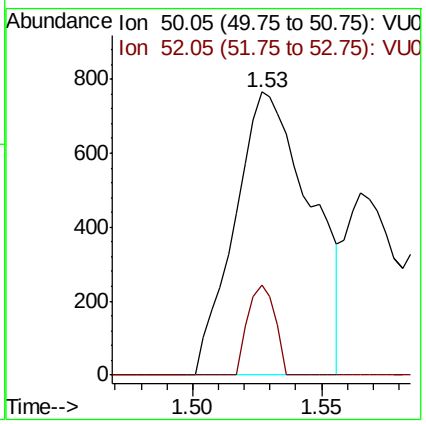


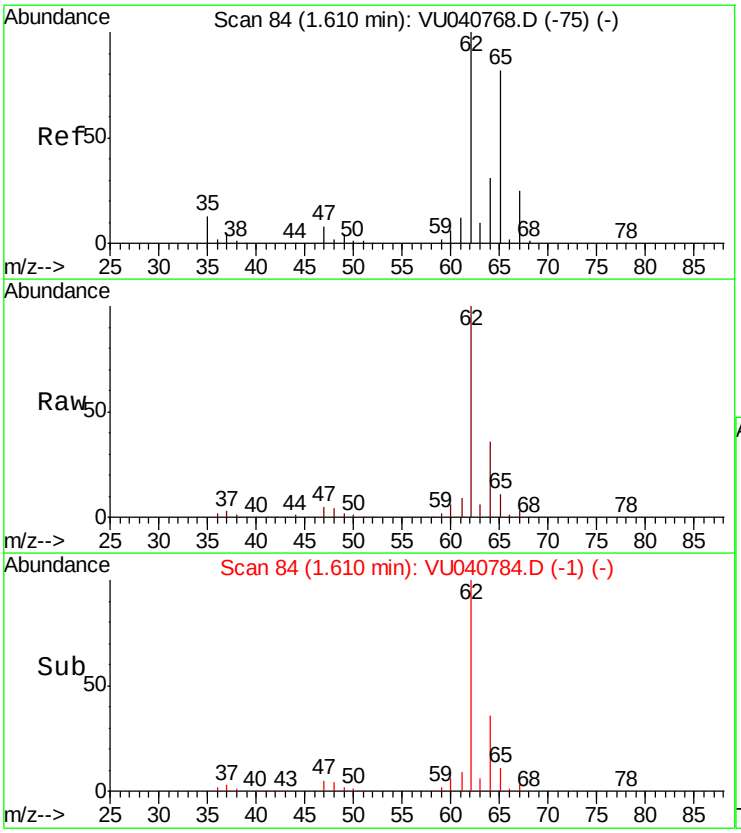
#3
Chloromethane
Concen: 0.163 ug/L
RT: 1.53 min Scan# 58
Delta R.T. -0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 50 Resp: 1572

Ion	Ratio	Lower	Upper
50	100		
52	32.0	21.9	40.7

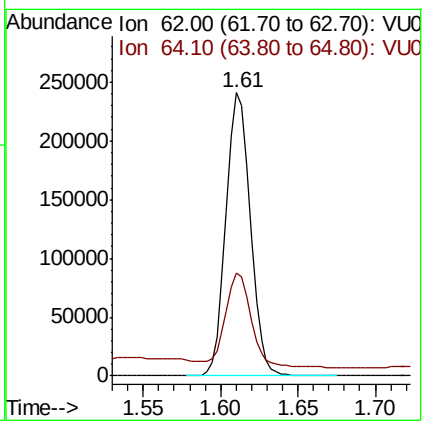


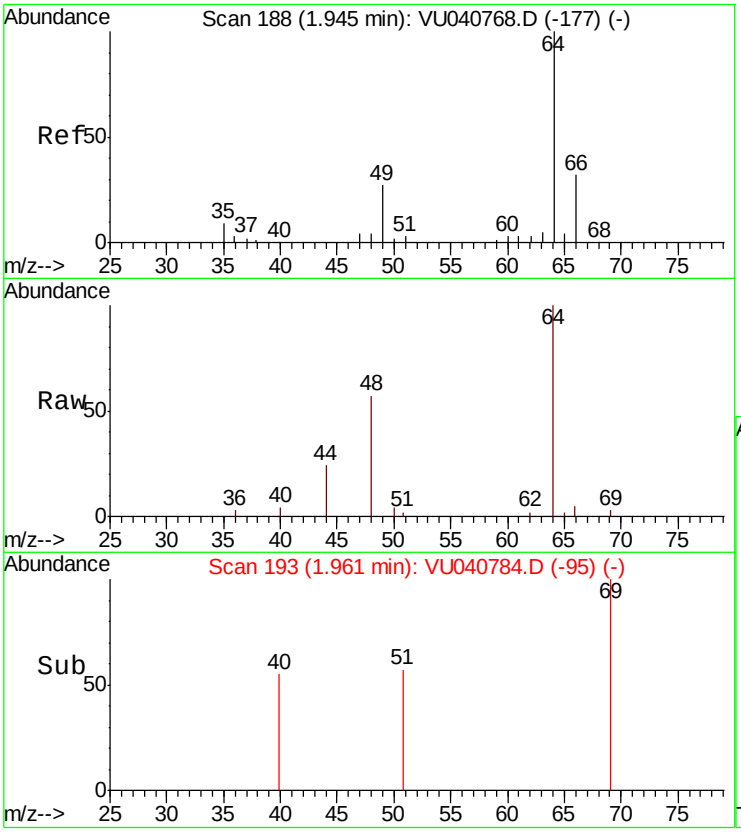


#5
Vinyl chloride
Concen: 25.858 ug/L
RT: 1.61 min Scan# 84
Delta R.T. -0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 62 Resp: 262506

Ion	Ratio	Lower	Upper
62	100		
64	36.3	23.7	44.1



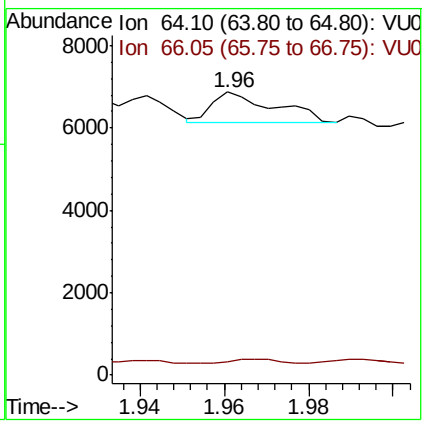


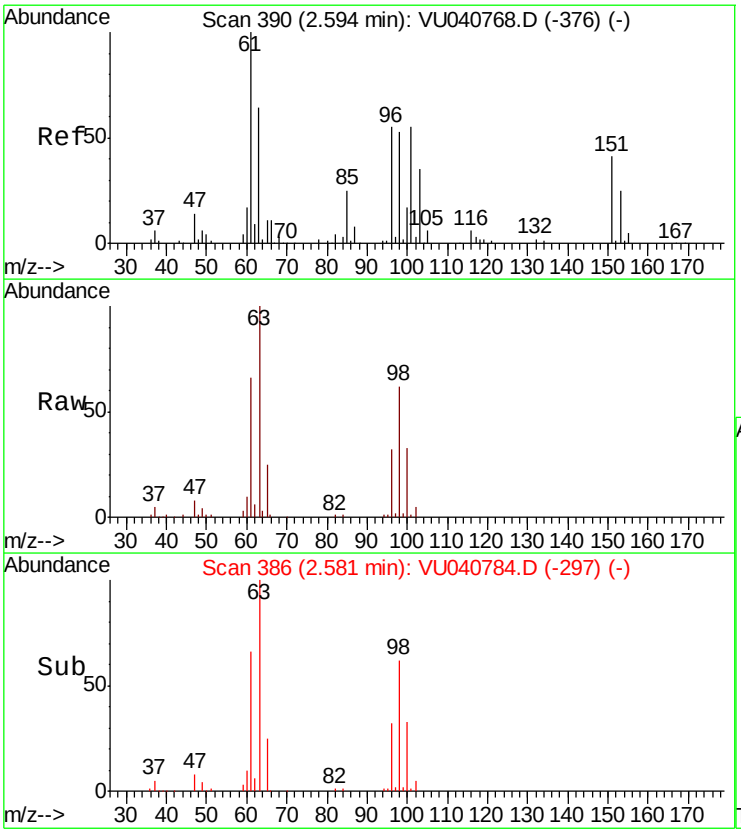
#8
Chloroethane
Concen: 0.118 ug/L
RT: 1.96 min Scan# 193
Delta R.T. 0.02 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 64 Resp: 764

Ion	Ratio	Lower	Upper
64	100		
66	4.6	23.3	43.3#

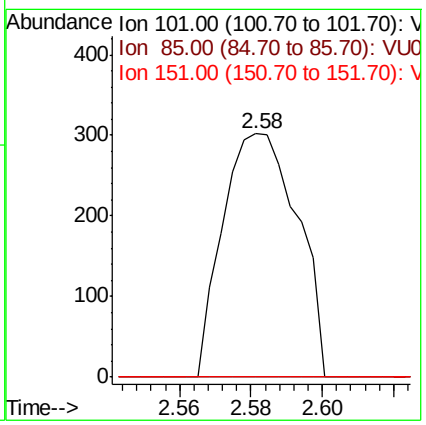


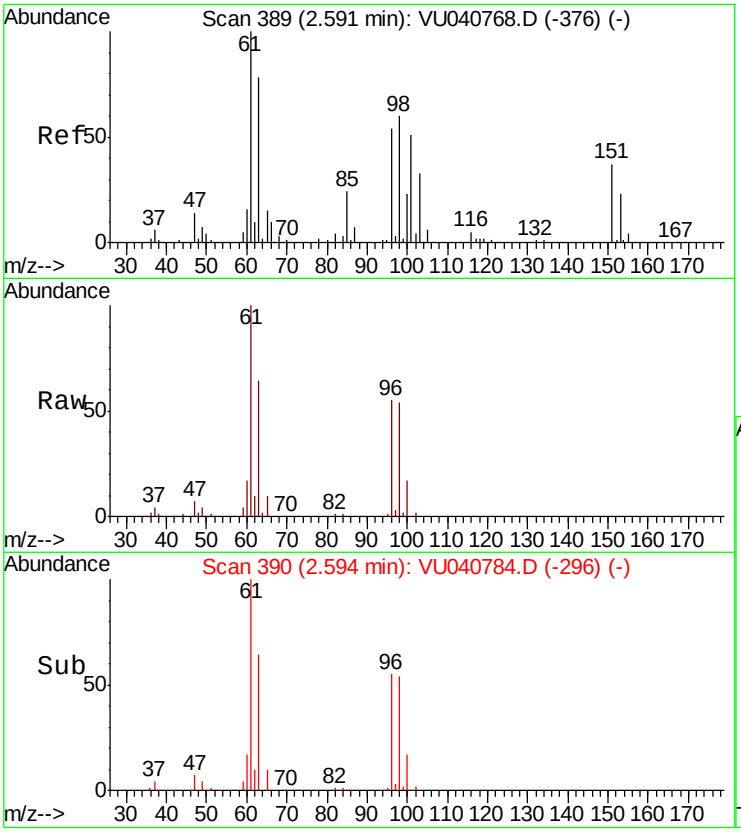


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.046 ug/L
RT: 2.58 min Scan# 386
Delta R.T. -0.01 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion:101 Resp: 435

Ion	Ratio	Lower	Upper
101	100		
85	87.6	36.7	55.1#
151	0.0	58.0	87.0#



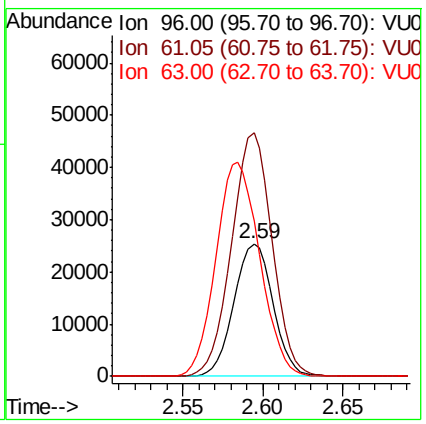


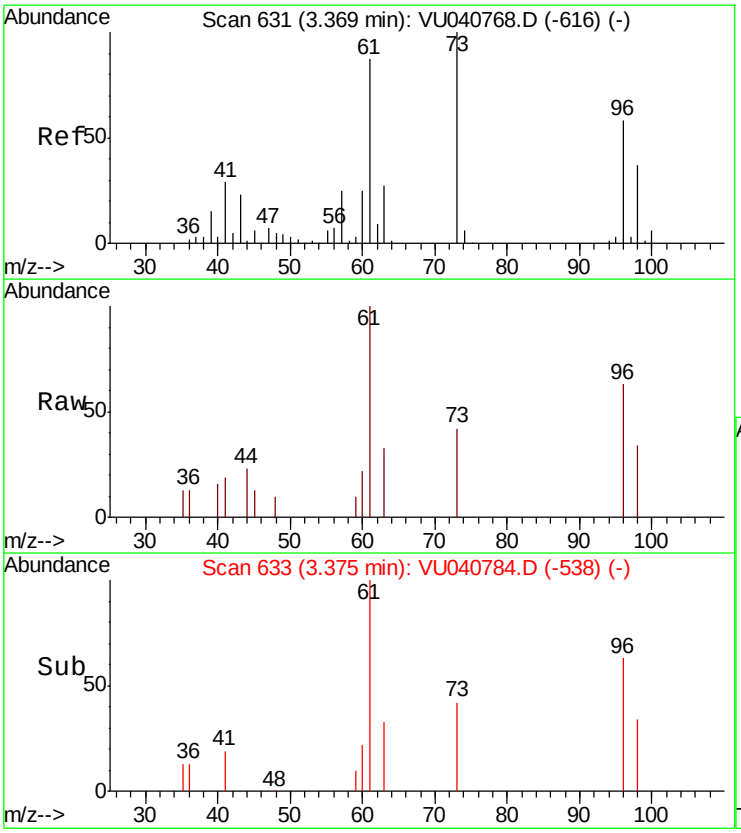
#12
1,1-Dichloroethene
Concen: 5.207 ug/L
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 42270

Ion	Ratio	Lower	Upper
96	100		
61	183.4	128.8	239.2
63	117.2	84.6	157.2

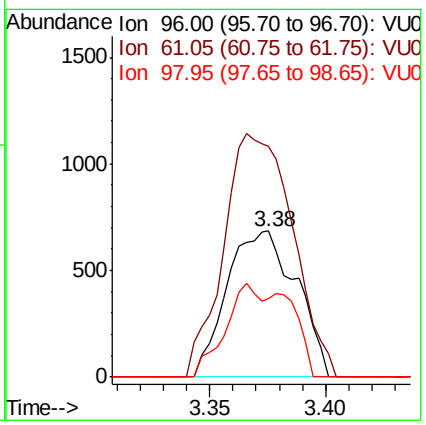


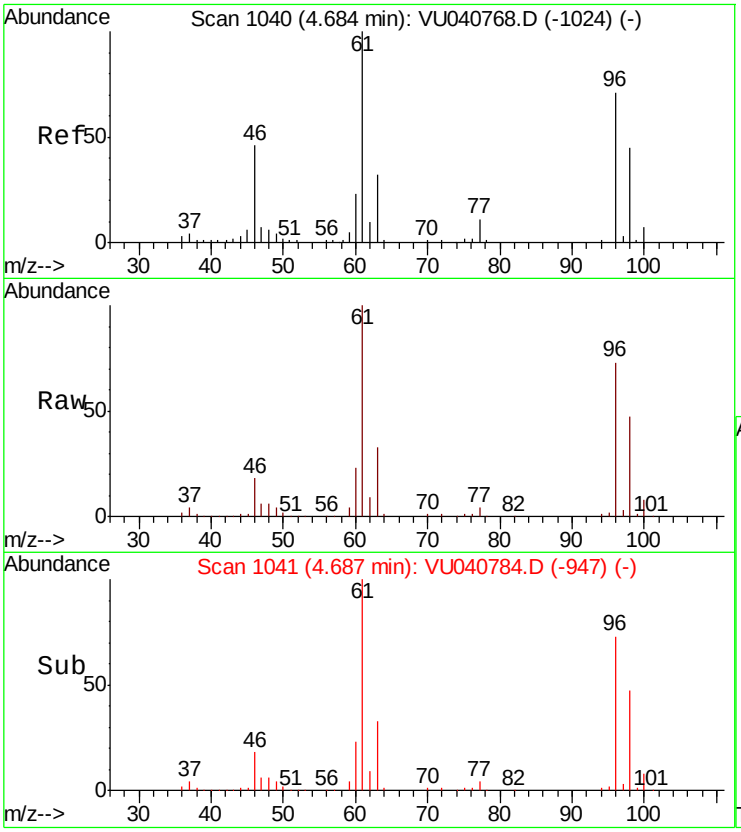


#18
trans-1,2-Dichloroethene
Concen: 0.168 ug/L
RT: 3.38 min Scan# 633
Delta R.T. 0.01 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 96 Resp: 1426

Ion	Ratio	Lower	Upper
96	100		
61	158.6	105.9	196.7
98	54.1	43.8	81.3



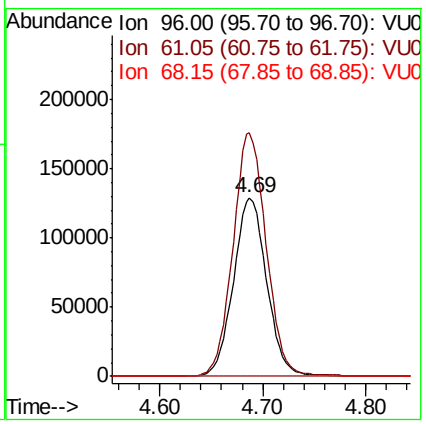


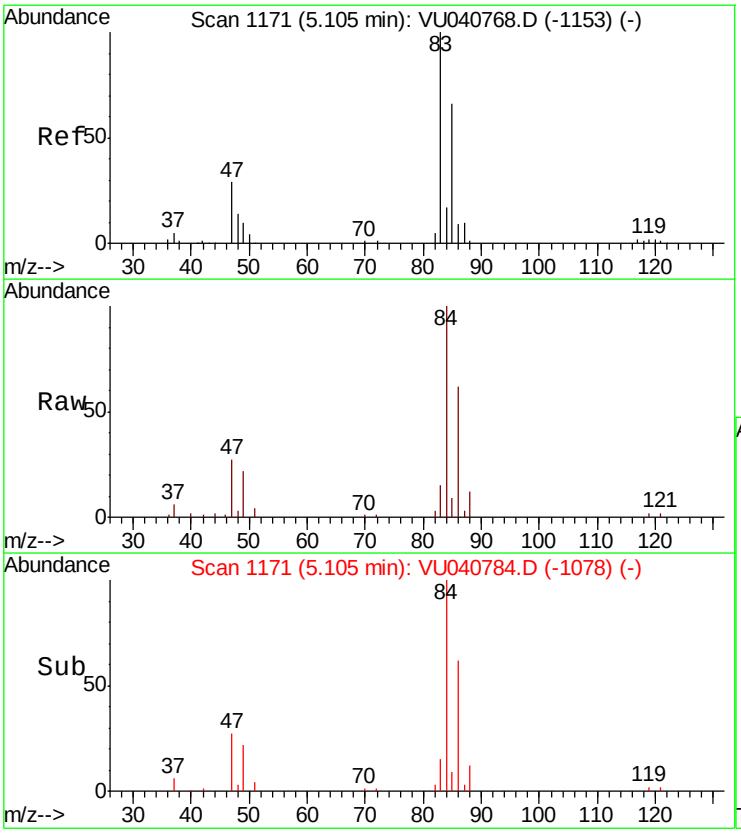
#22
cis-1,2-Dichloroethene
Concen: 31.542 ug/L
RT: 4.69 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 289040

Ion	Ratio	Lower	Upper
96	100		
61	136.4	99.8	185.4
68	0.0	0.0	0.0

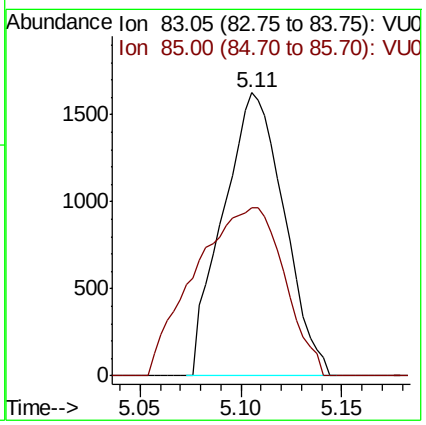


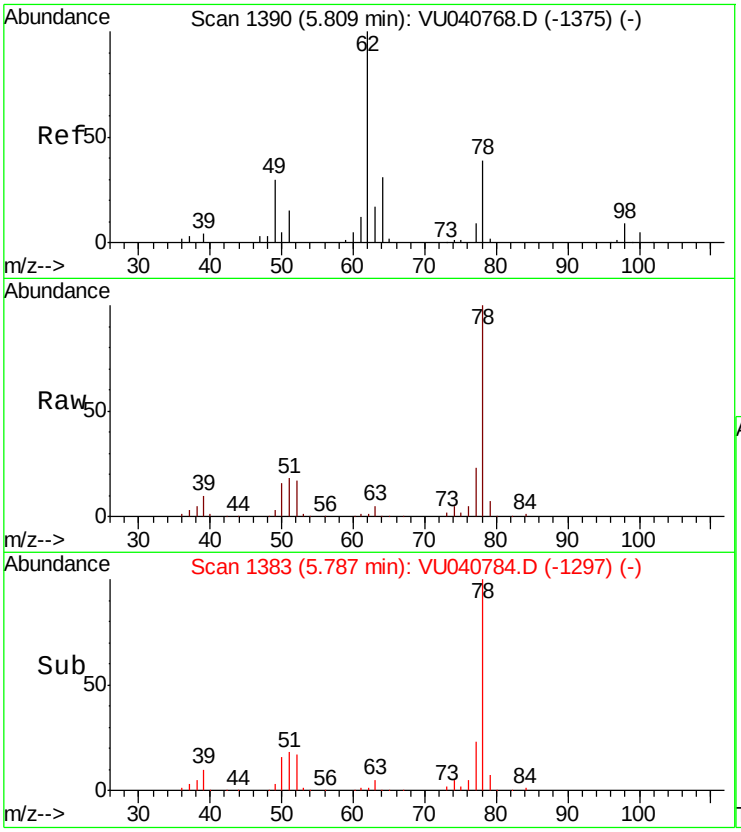


#25
Chloroform
Concen: 0.191 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 83 Resp: 3430

Ion	Ratio	Lower	Upper
83	100		
85	59.3	46.5	86.5



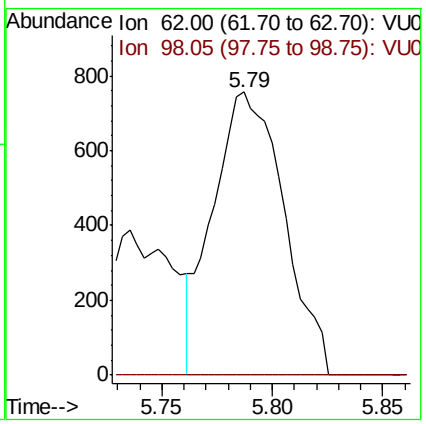


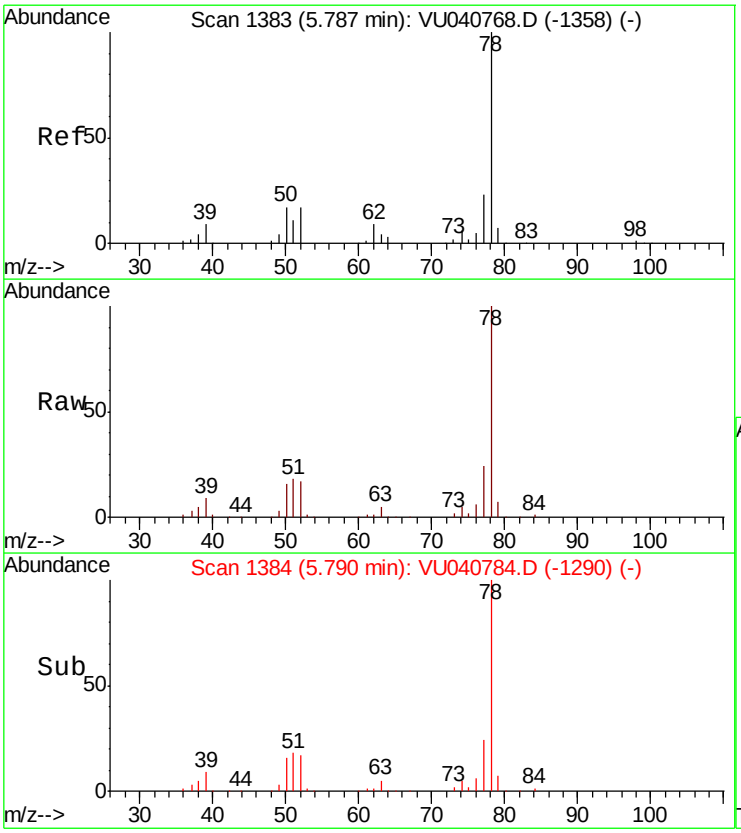
#27
1,2-Dichloroethane
Concen: 0.133 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.02 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 1688

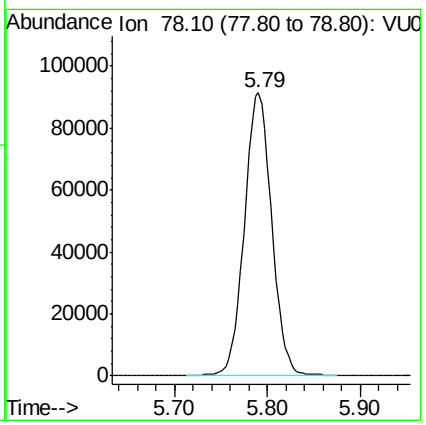
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

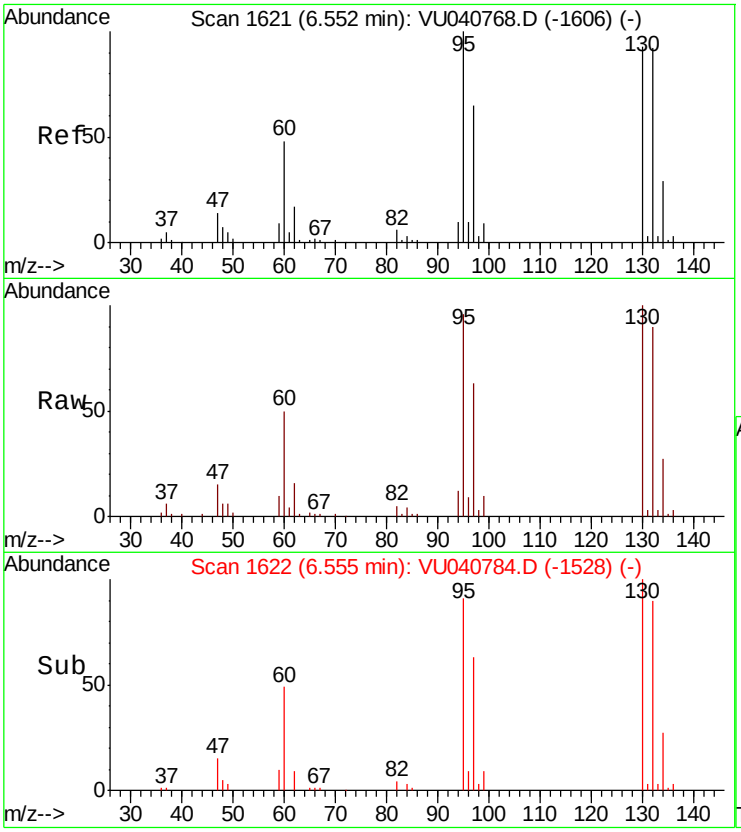




#33
Benzene
Concen: 4.937 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 78 Resp: 186988



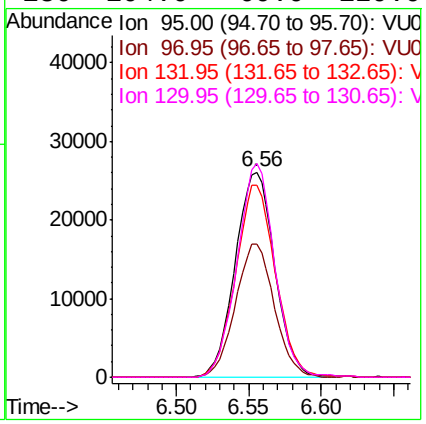


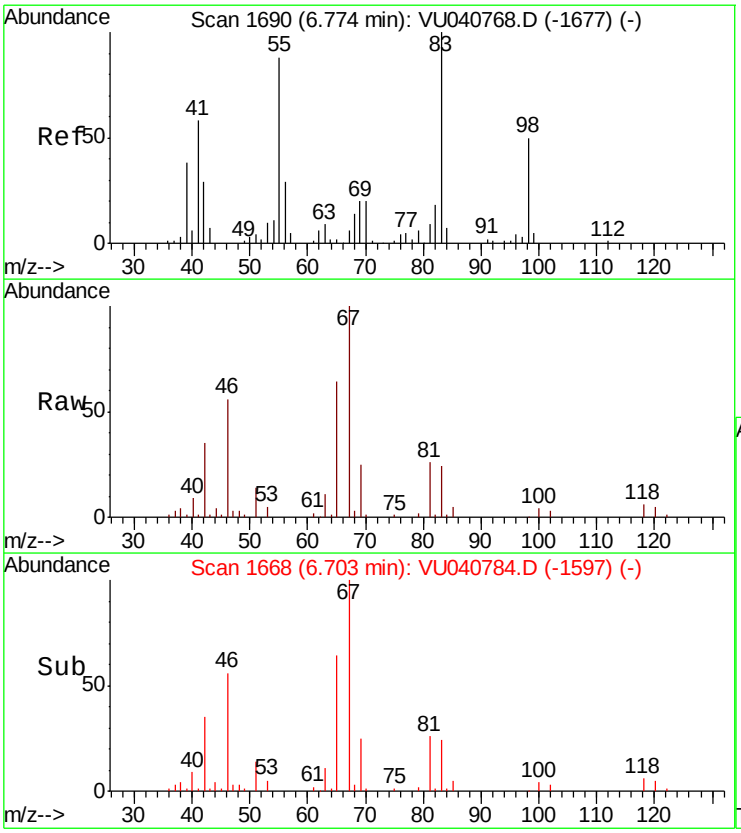
#34
Trichloroethene
Concen: 5.039 ug/L
RT: 6.56 min Scan# 1622
Delta R.T. 0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 49473

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.5	84.5
132	93.6	67.5	125.4
130	104.0	69.9	129.9

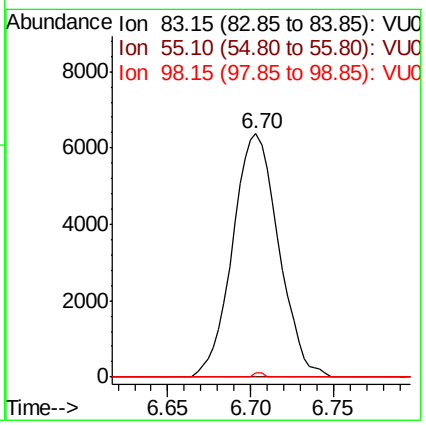


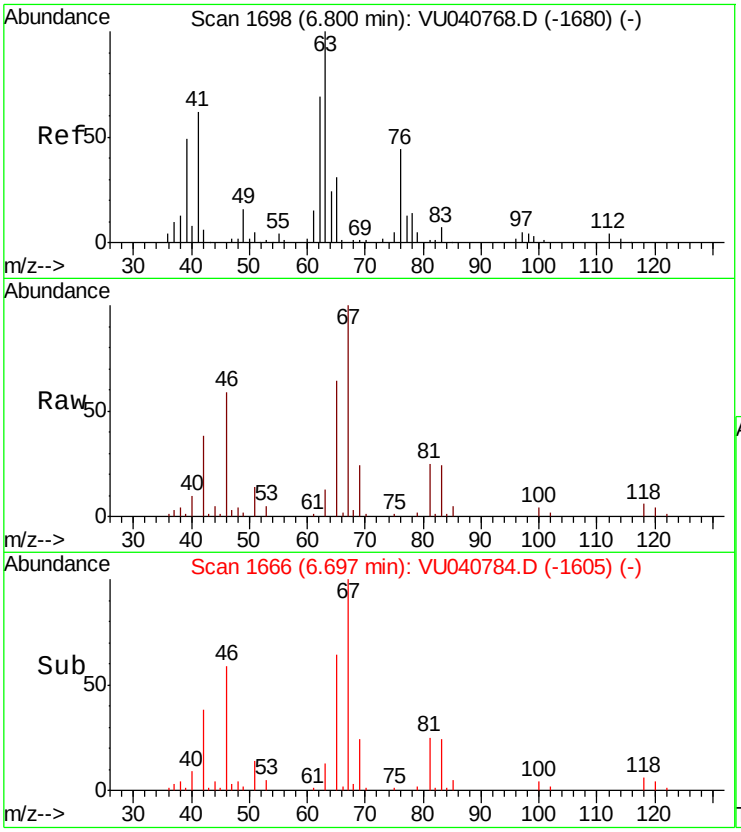


#35
Methylcyclohexane
Concen: 0.883 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 83 Resp: 12292

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.7	106.1#
98	0.4	38.4	57.6#



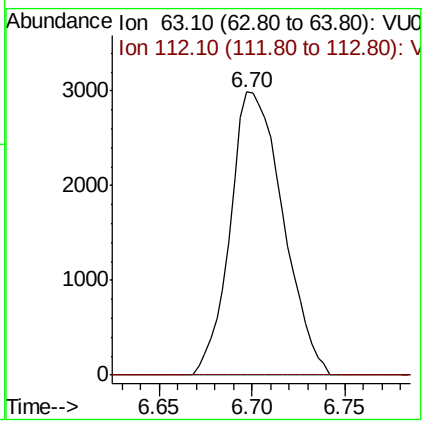


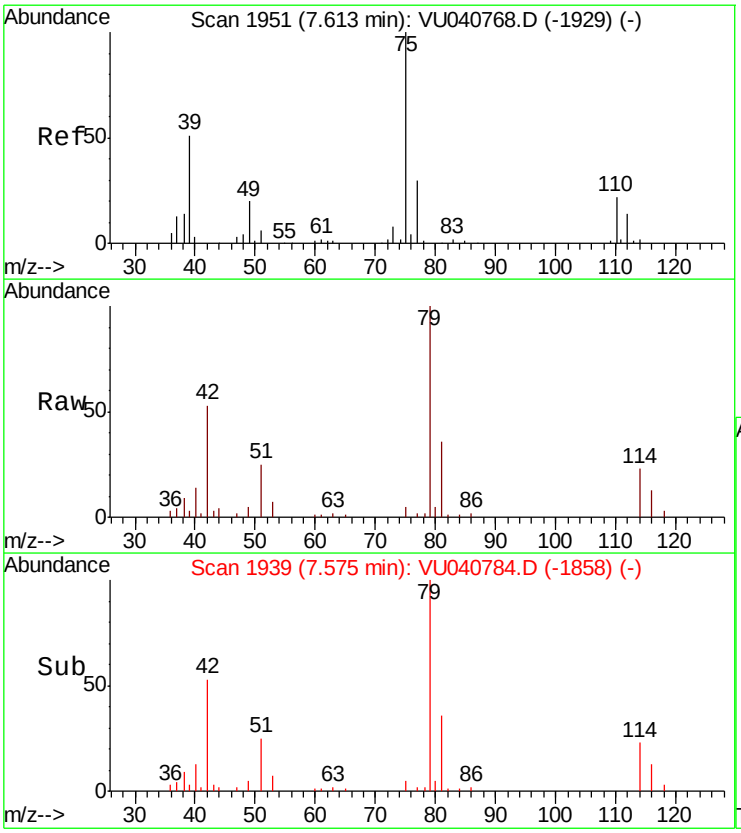
#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.70 min Scan# 1666
Delta R.T. -0.10 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 5924

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#

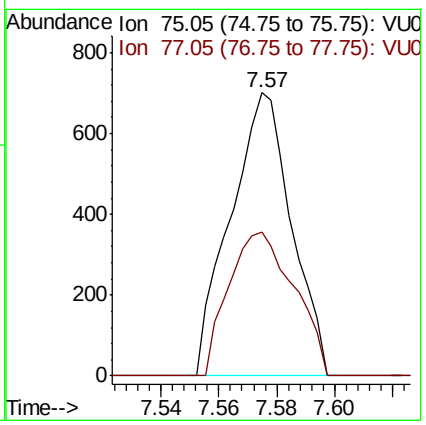


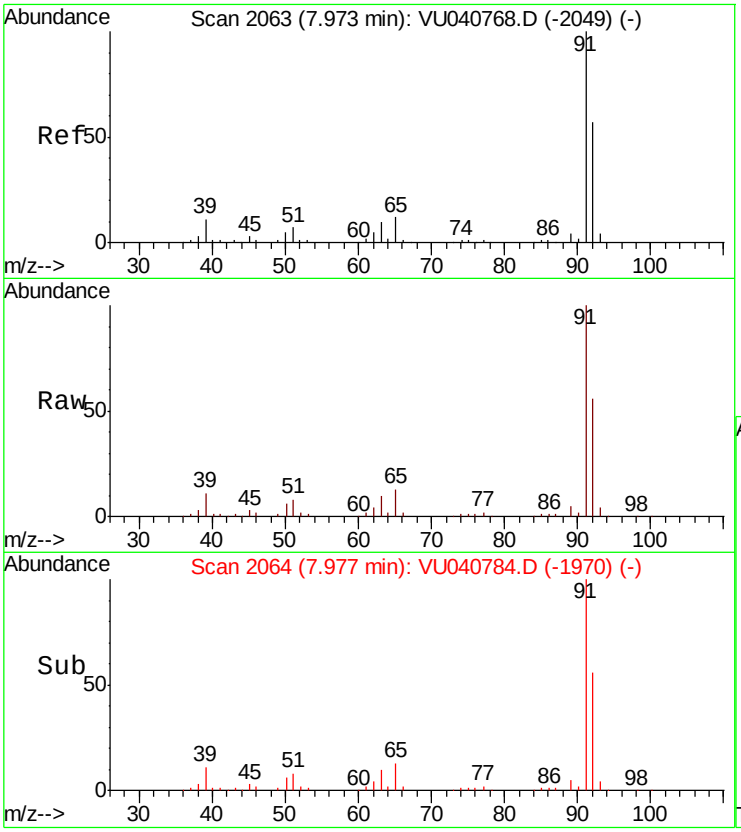


#39
cis-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.57 min Scan# 1939
Delta R.T. -0.04 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 75 Resp: 1023

Ion	Ratio	Lower	Upper
75	100		
77	50.9	20.5	38.1#



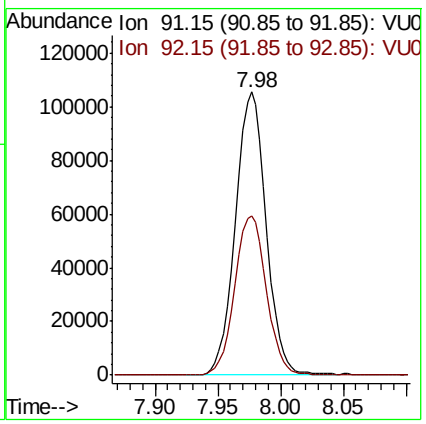


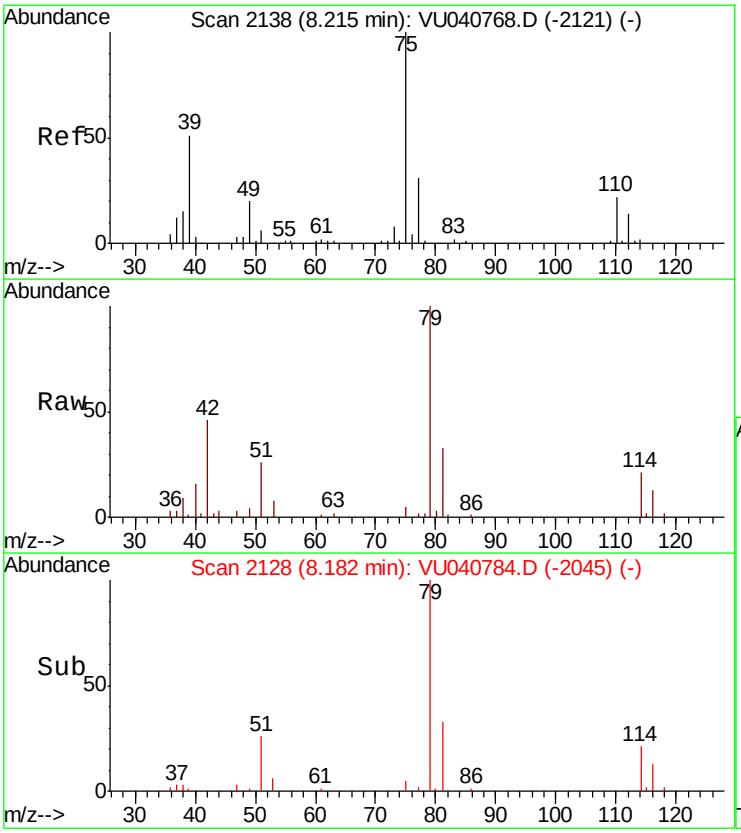
#42
Toluene
Concen: 4.659 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 91 Resp: 179811

Ion	Ratio	Lower	Upper
91	100		
92	56.4	40.2	74.6

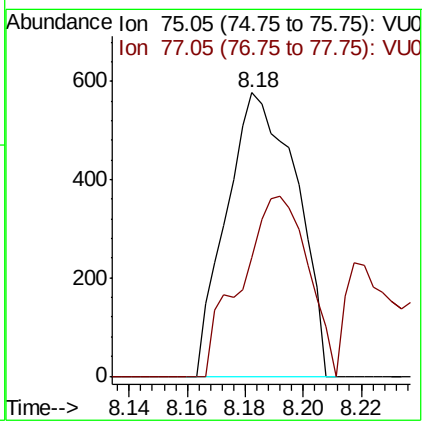


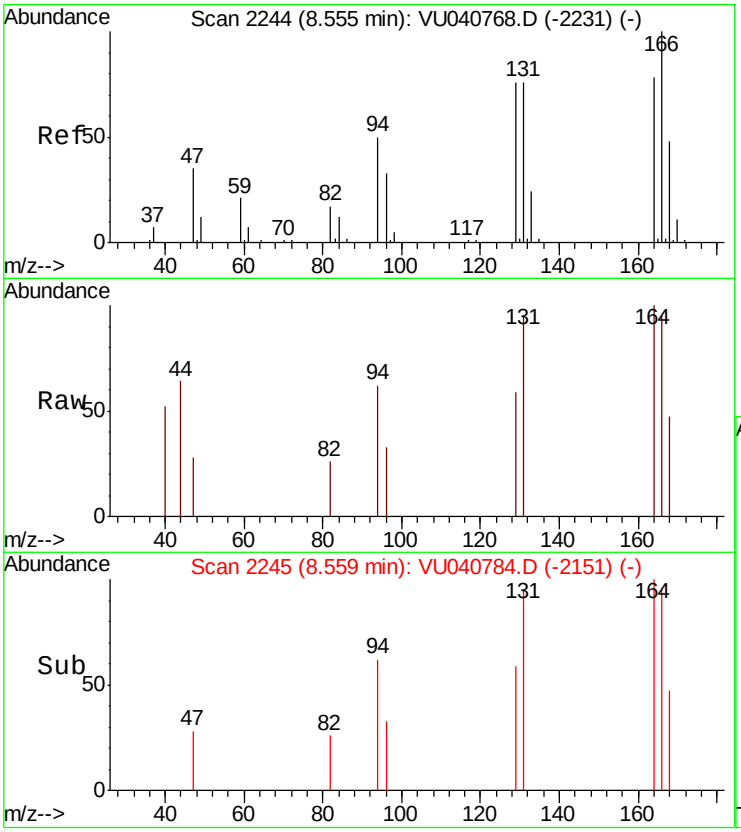


#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 8.18 min Scan# 2128
Delta R.T. -0.03 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 75 Resp: 966

Ion	Ratio	Lower	Upper
75	100		
77	41.6	20.4	38.0#



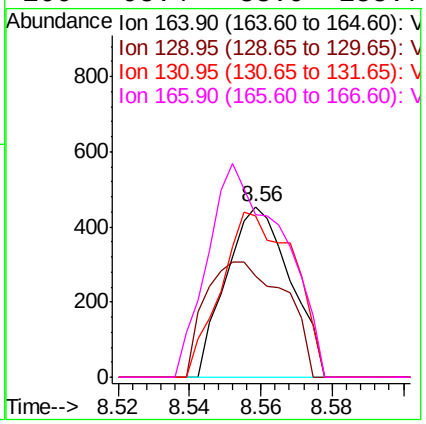


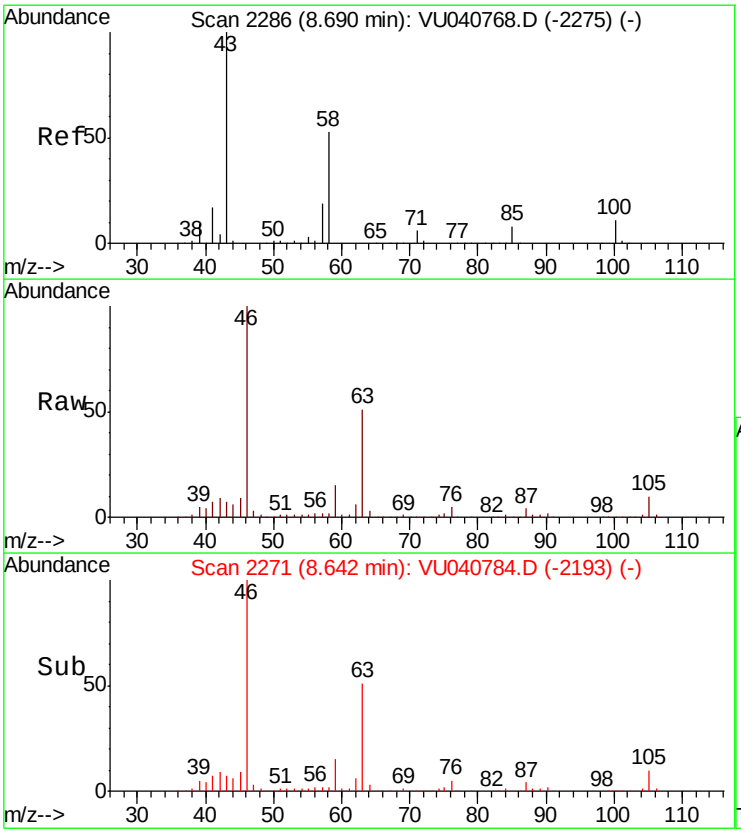
#47
Tetrachloroethene
Concen: 0.080 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:164 Resp: 562

Ion	Ratio	Lower	Upper
164	100		
129	59.0	68.8	127.8#
131	94.7	66.7	123.9
166	95.4	83.9	155.7

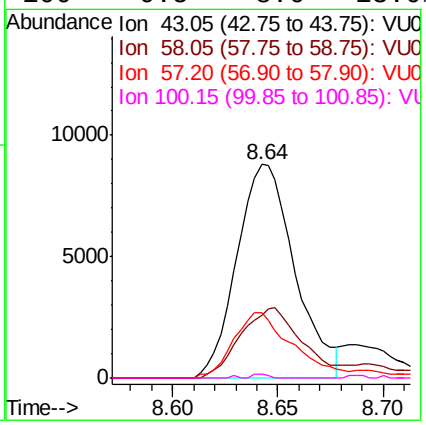


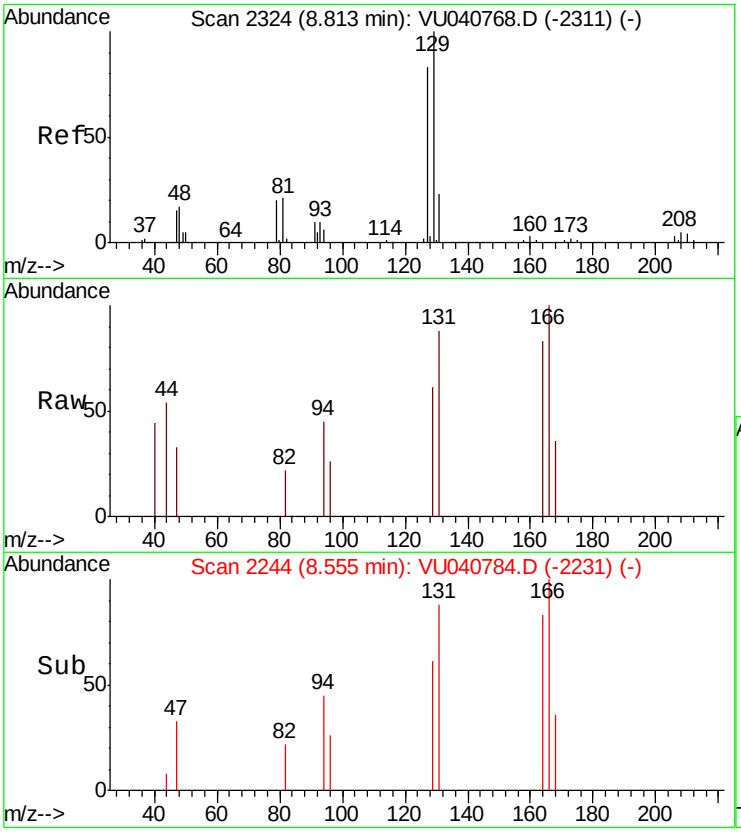


#48
2-Hexanone
Concen: 2.677 ug/L
RT: 8.64 min Scan# 2271
Delta R.T. -0.05 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion: 43 Resp: 16768

Ion	Ratio	Lower	Upper
43	100		
58	34.5	41.0	61.6#
57	31.2	14.4	21.6#
100	0.5	8.6	13.0#



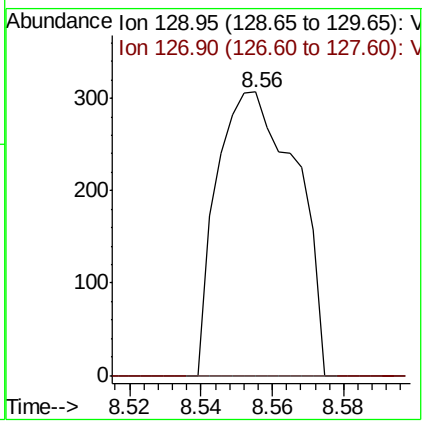


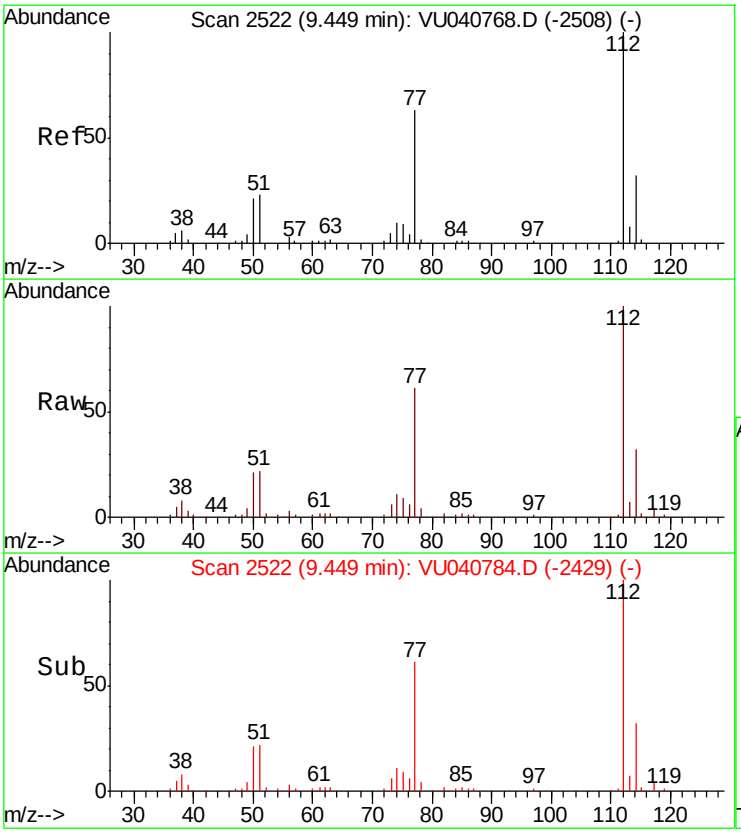
#49
Dibromochloromethane
Concen: 0.052 ug/L
RT: 8.56 min Scan# 2244
Delta R.T. -0.26 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 471

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

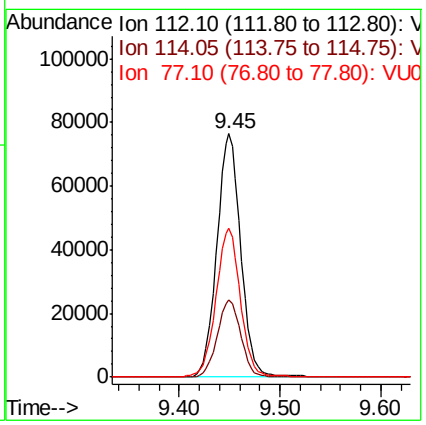


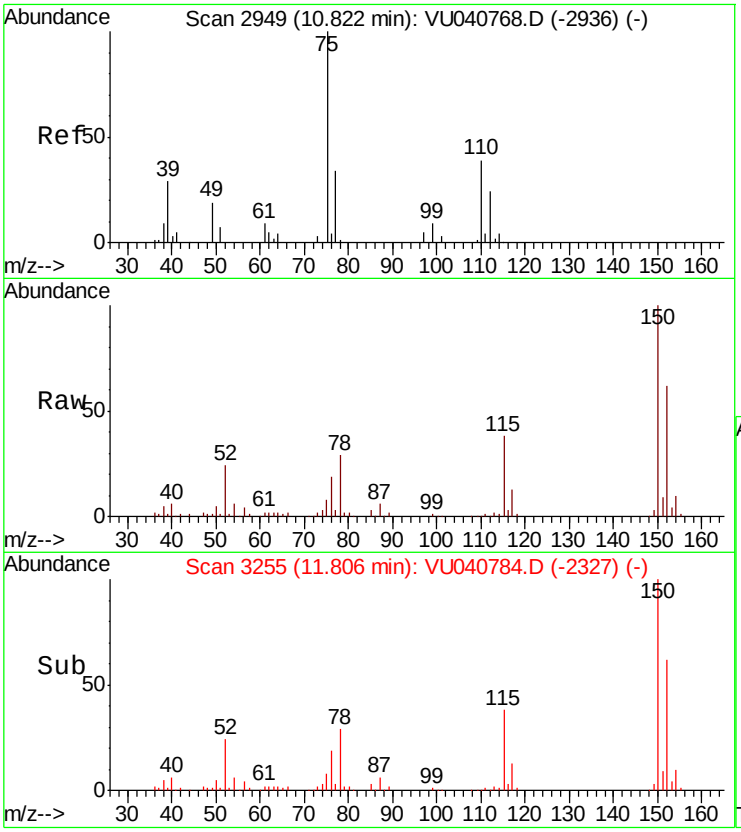


#51
Chlorobenzene
Concen: 4.954 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Tgt Ion:112 Resp: 125951

Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.1	42.9
77	61.0	50.3	75.5





#59
1,2,3-Trichloropropane
Concen: 0.800 ug/L
RT: 11.81 min Scan# 3255
Delta R.T. 0.98 min
Lab File: VU040784.D
Acq: 18 Oct 2020 00:18

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 6199

Ion	Ratio	Lower	Upper
75	100		
77	38.7	26.4	39.6