Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 08 01:55:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	368523	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	359544	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165049	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	144757	4.30	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 86.00%			
7) Chloroethane-d5	1.93	69	124195	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.59	63	177453	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	4.66	46	321264	38.63	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.26%			
24) Chloroform-d	5.10	84	195608	3.82	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.40%			
26) 1,2-Dichloroethane-d4	5.74	65	126484	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.40%			
32) Benzene-d6	5.76	84	488454	4.53	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.60%			
36) 1,2-Dichloropropane-d6	6.72	67	158057	4.55	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.00%			
41) Toluene-d8	7.92	98	435758	4.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.00%			
43) trans-1,3-Dichloropropene-	8.20	79	54020	3.88	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 77.60%			
46) 2-Hexanone-d5	8.65	63	274196	41.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.38%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111838	4.08	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.60%			
64) 1,2-Dichlorobenzene-d4	12.20	152	153869	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.60	96	1912	0.075	ug/L #	1
13) Acetone	2.65	43	15096	2.893	ug/L	98
16) Methylene chloride	3.08	84	5447	0.183	ug/L	85
17) Methyl tert-butyl Ether	3.40	73	15298	0.215	ug/L #	88
19) 1,1-Dichloroethane	3.92	63	9540	0.175	ug/L	96
25) Chloroform	5.12	83	38377	0.754	ug/L	93
30) Cyclohexane	5.43	56	8987	0.185	ug/L	97
34) Trichloroethene	6.57	95	5221	0.181	ug/L	93
35) Methylcyclohexane	6.72	83	34417	0.738	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16030	0.513	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4226	0.094	ug/L	84
47) Tetrachloroethene	8.57	164	202225	10.040	ug/L	97
48) 2-Hexanone	8.71	43	33255	2.095	ug/L #	95
49) Dibromochloromethane	8.57	129	192105	8.523	ug/L #	10
59) 1,2,3-Trichloropropane	11.82	75	24106	1.148	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	4203	0.077	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
Operator : JC/MD
Sample : L2527-18
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 08 01:55:43 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038055.D
Acq On : 07 May 2020 21:36
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MSVOA_U
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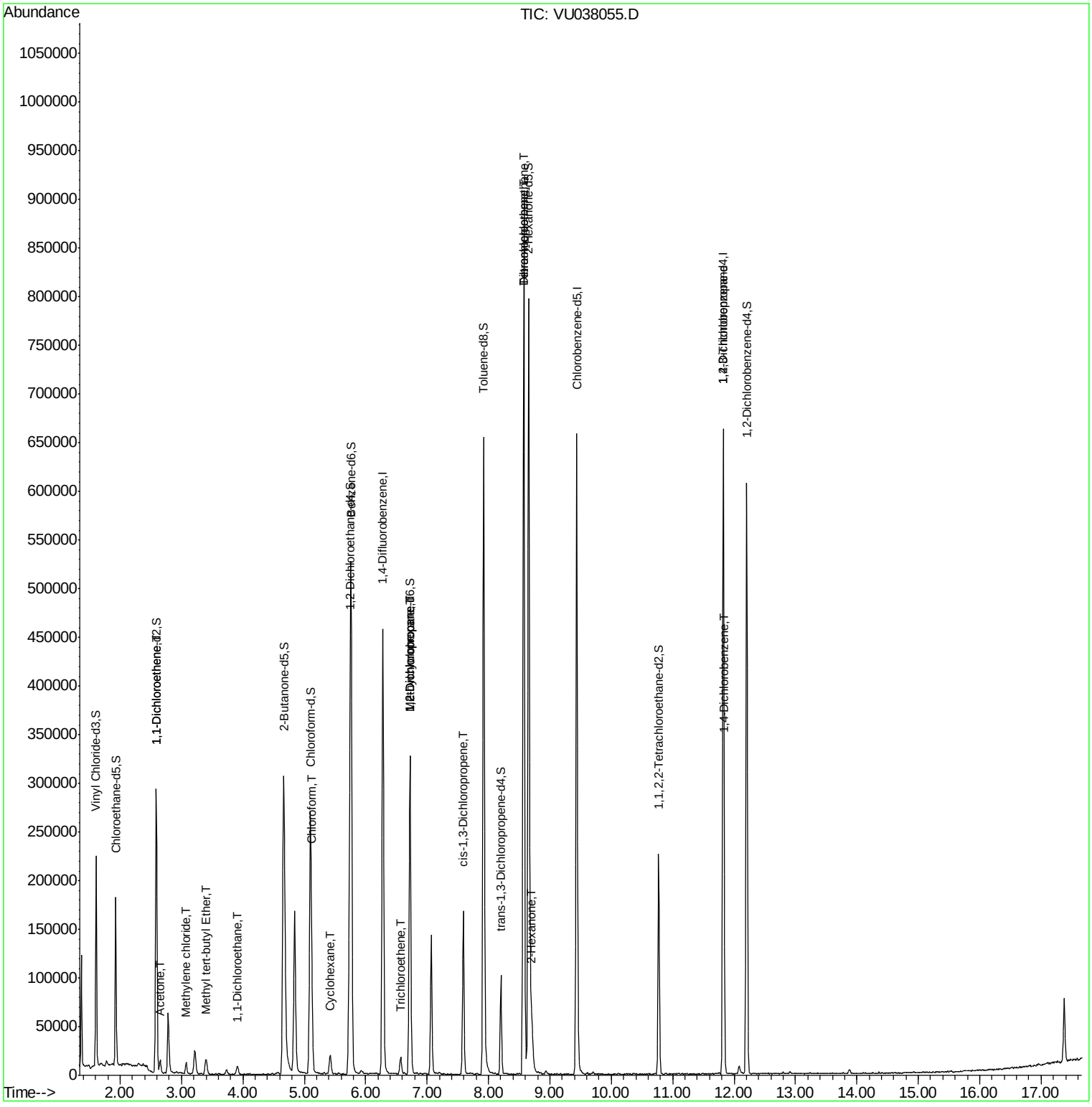
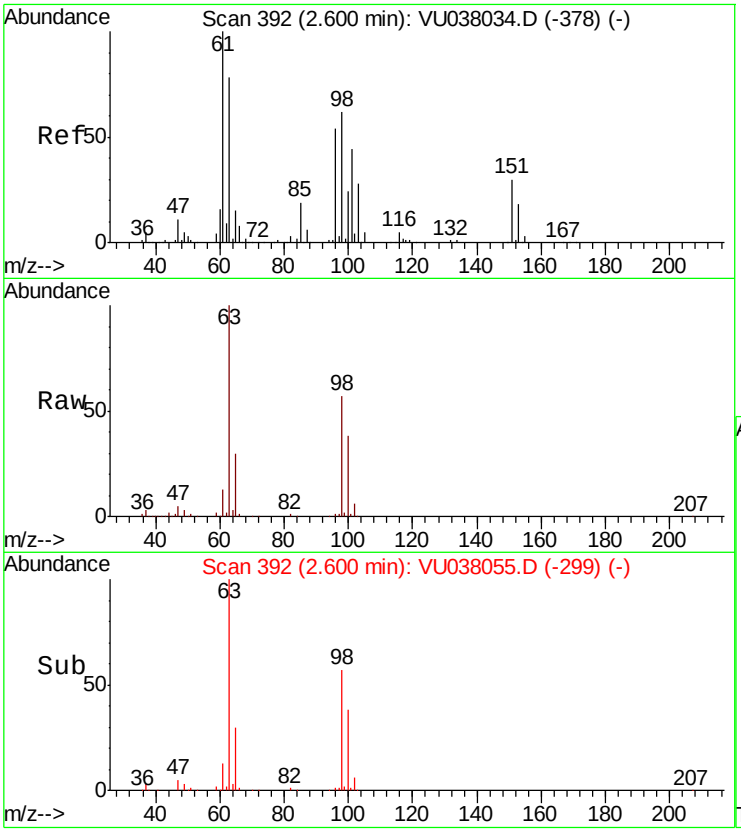
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration



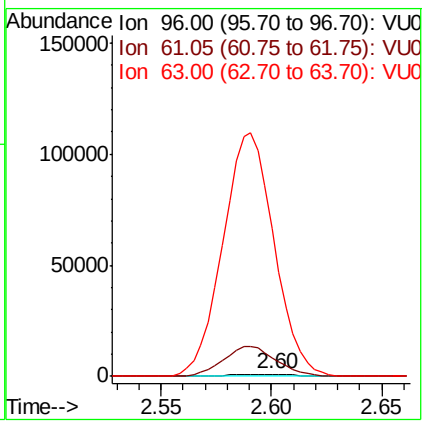


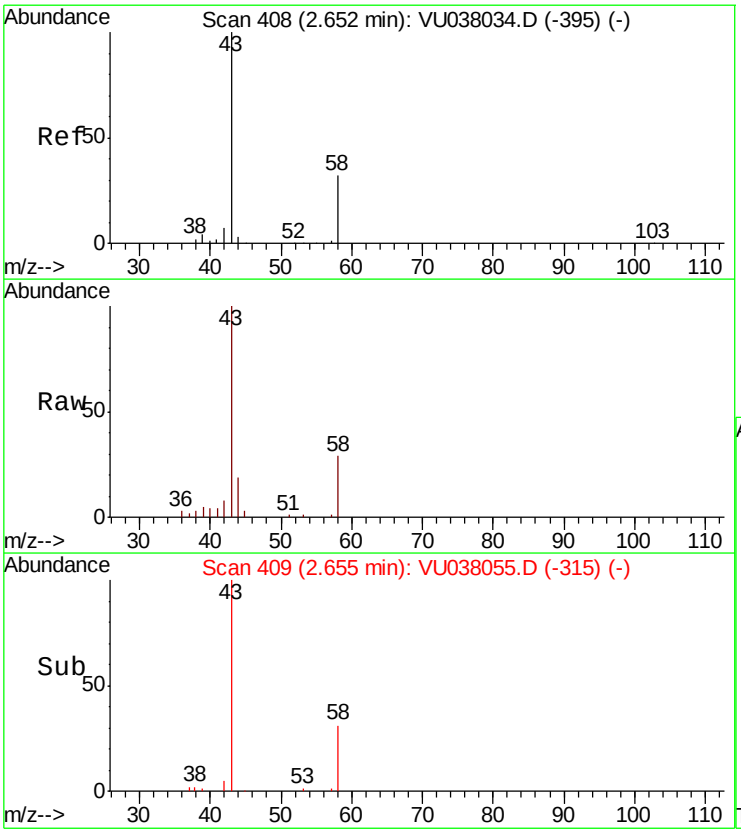
#12
1,1-Dichloroethene
Concen: 0.075 ug/L
RT: 2.60 min Scan# 392
Delta R.T. -0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1912

Ion	Ratio	Lower	Upper
96	100		
61	925.4	126.2	234.4#
63	7338.6	96.9	179.9#

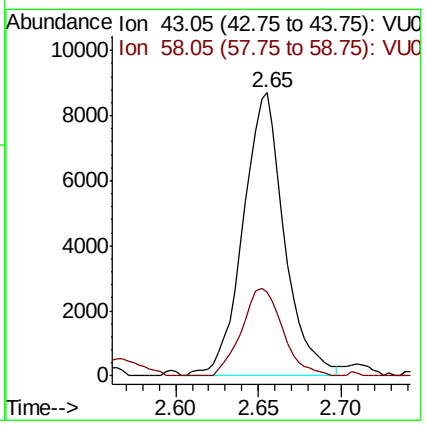


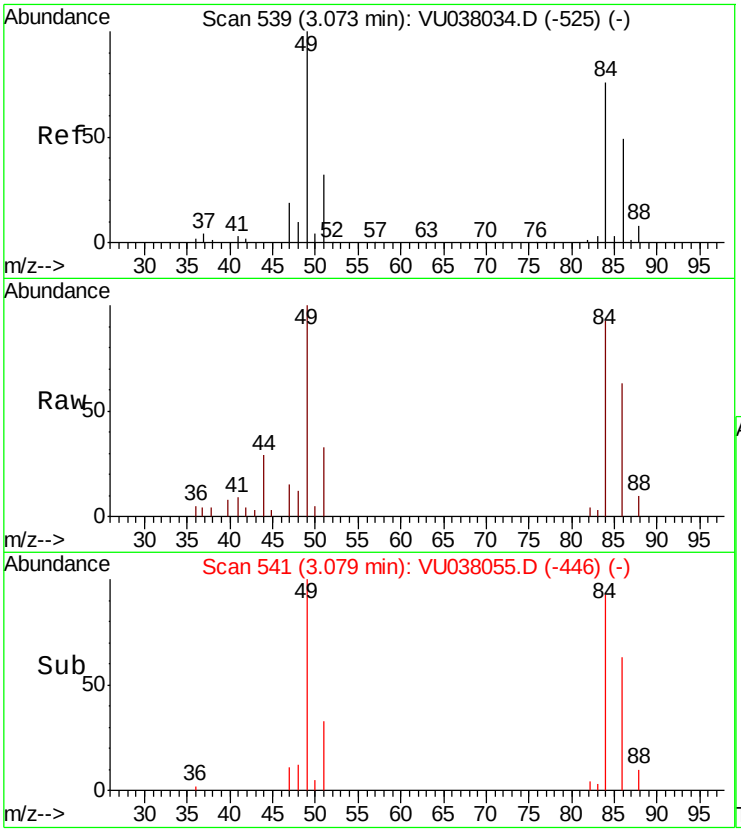


#13
Acetone
Concen: 2.893 ug/L
RT: 2.65 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion: 43 Resp: 15096

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	63.6



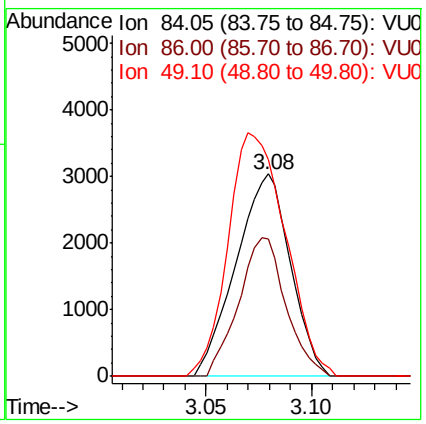


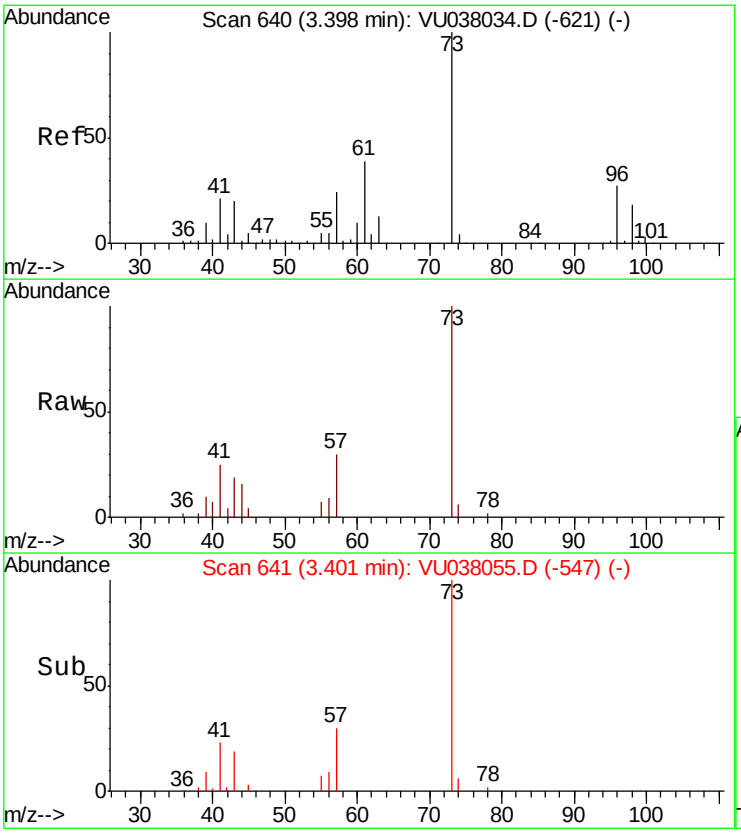
#16
Methylene chloride
Concen: 0.183 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.01 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 5447

Ion	Ratio	Lower	Upper
84	100		
86	67.8	44.9	83.3
49	107.4	92.0	170.9

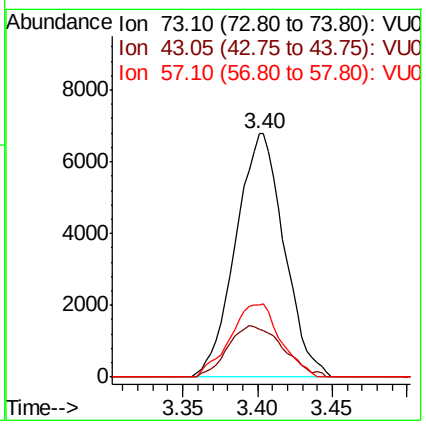


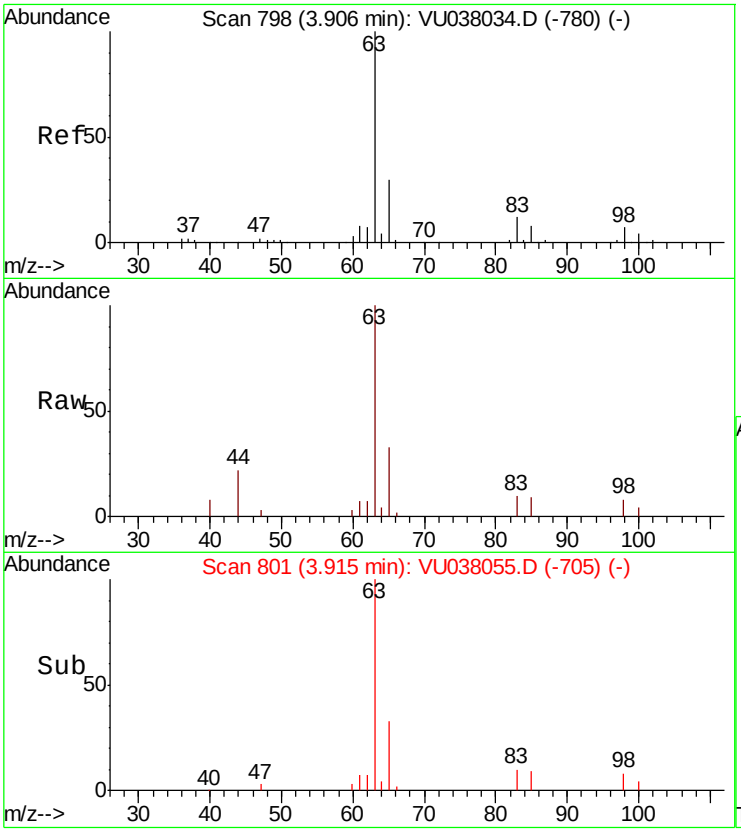


#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion: 73 Resp: 15298

Ion	Ratio	Lower	Upper
73	100		
43	23.9	16.9	25.3
57	31.0	18.2	27.2#



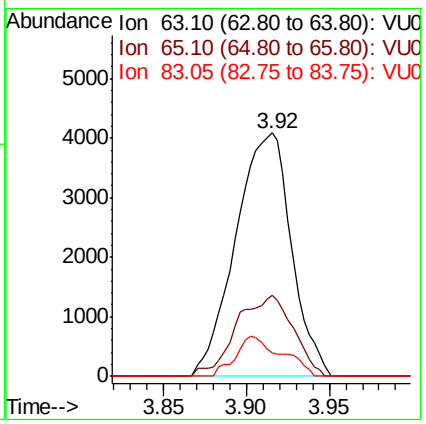


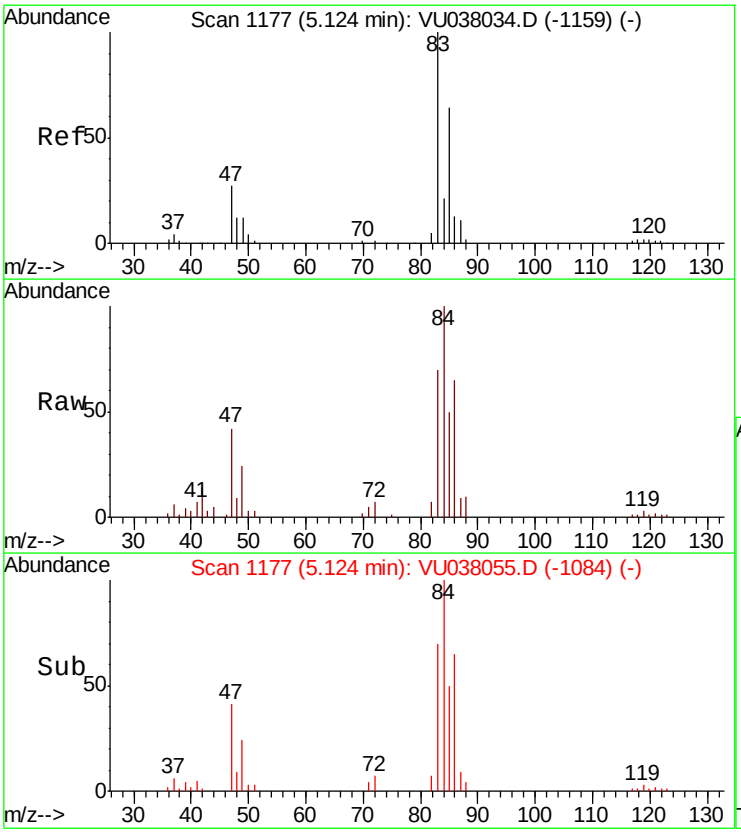
#19
1,1-Dichloroethane
Concen: 0.175 ug/L
RT: 3.92 min Scan# 801
Delta R.T. 0.01 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 9540

Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.5	41.7
83	9.5	8.9	16.5

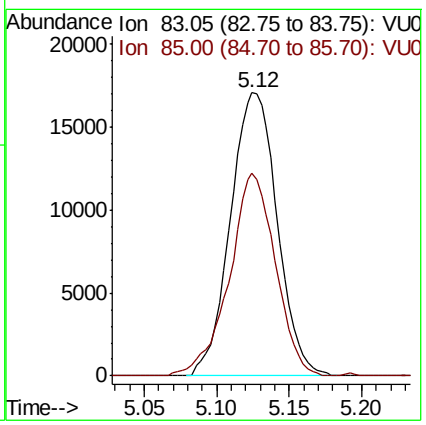


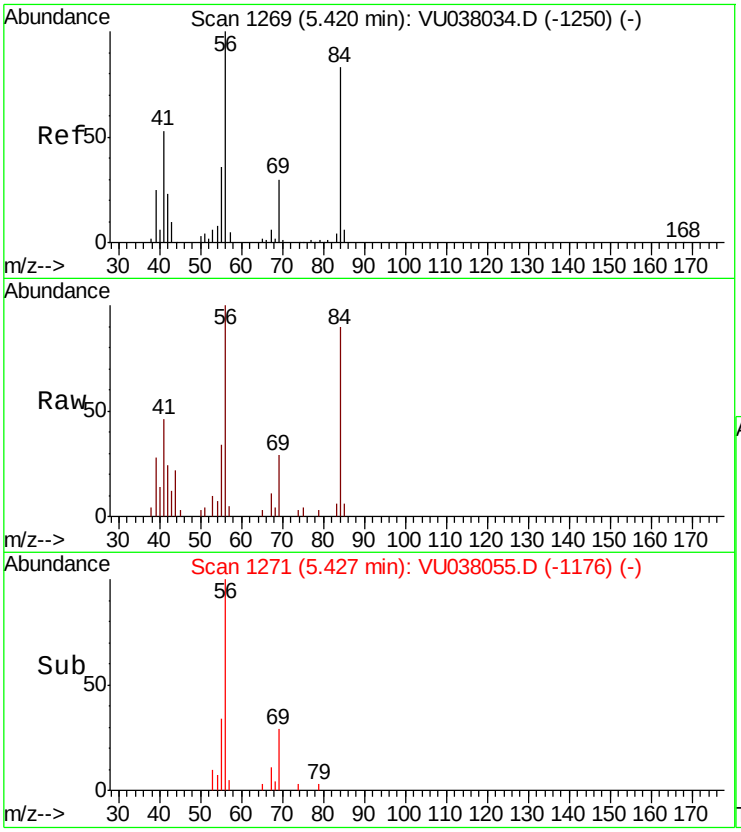


#25
Chloroform
Concen: 0.754 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion: 83 Resp: 38377

Ion	Ratio	Lower	Upper
83	100		
85	71.5	46.2	85.8



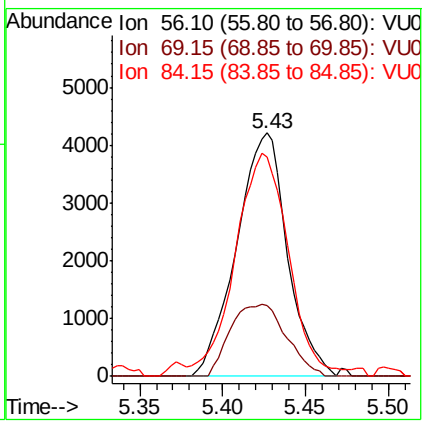


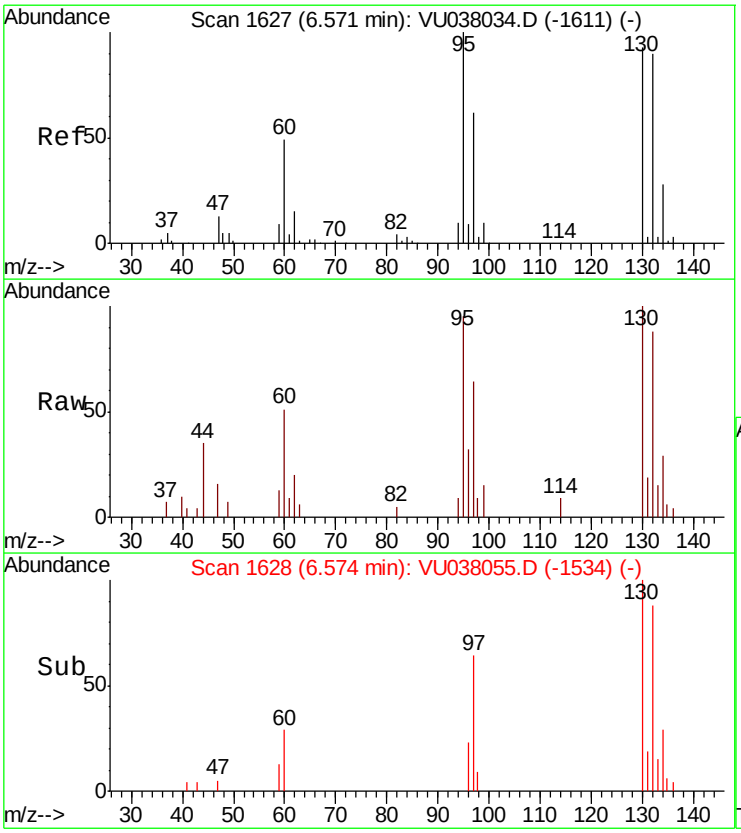
#30
Cyclohexane
Concen: 0.185 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 8987

Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.2	36.4
84	88.4	68.5	102.7

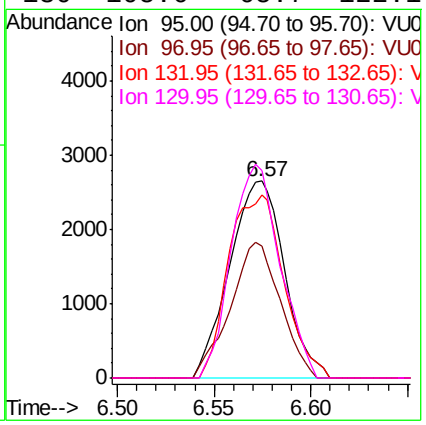


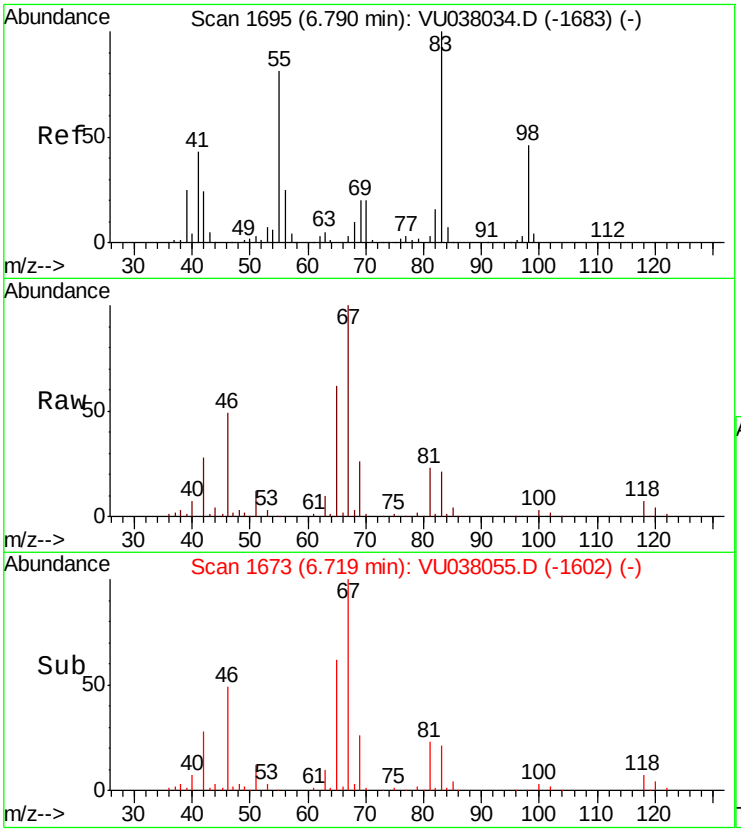


#34
Trichloroethene
Concen: 0.181 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion: 95 Resp: 5221

Ion	Ratio	Lower	Upper
95	100		
97	67.3	44.9	83.3
132	93.1	63.3	117.5
130	105.6	65.7	122.1



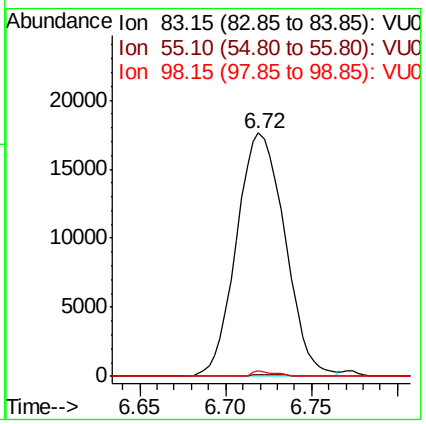


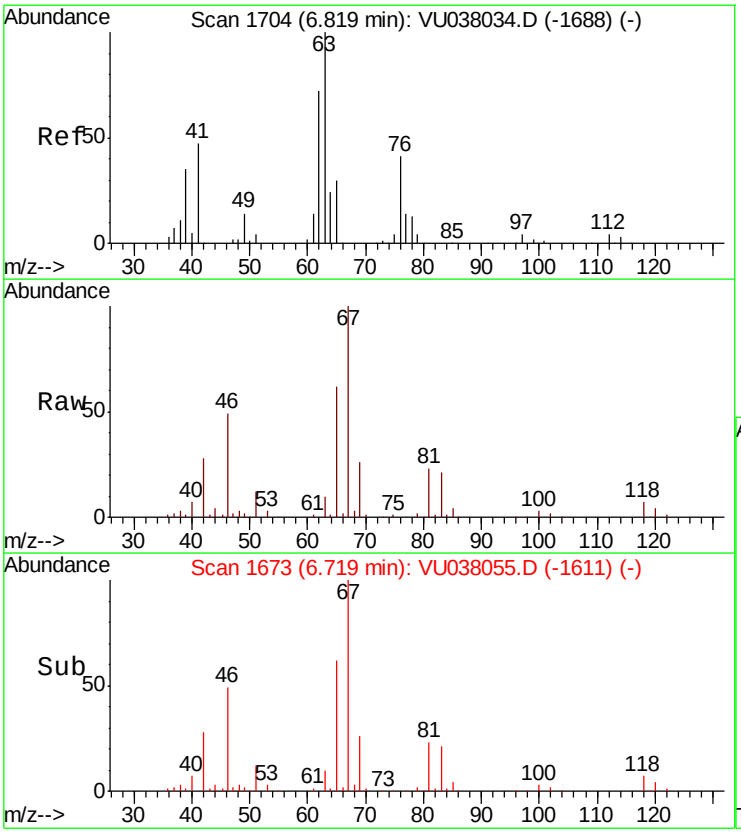
#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 34417

Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.7	100.1#
98	1.0	39.4	59.2#

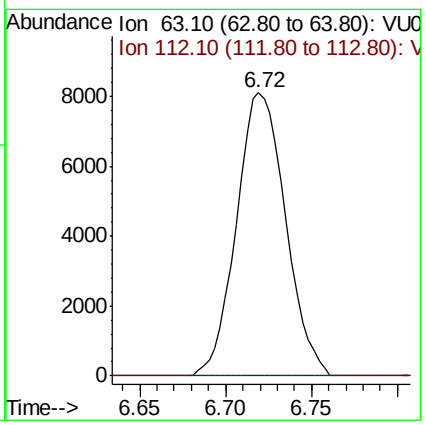


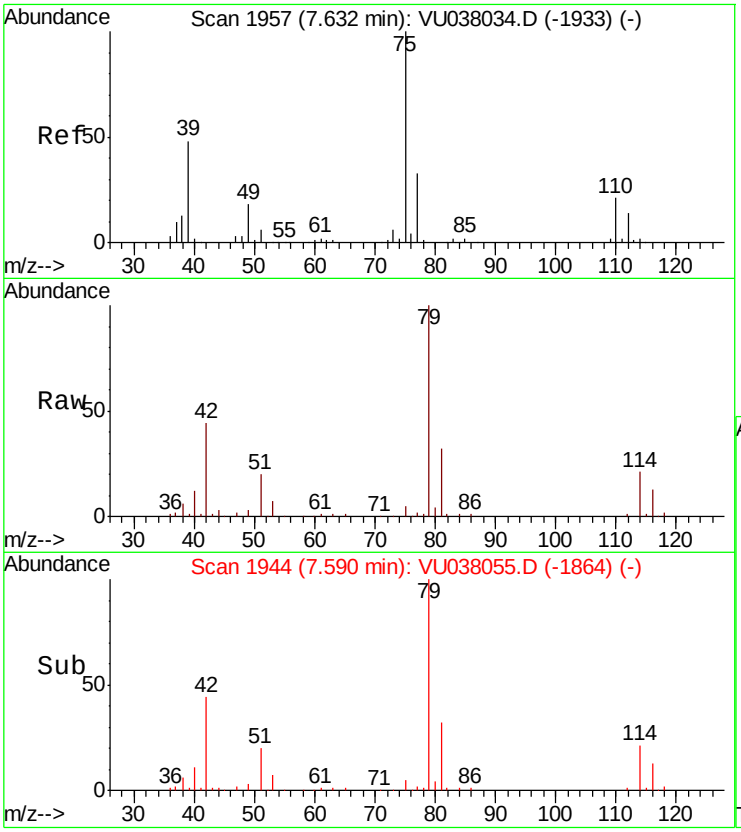


#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion: 63 Resp: 16030

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



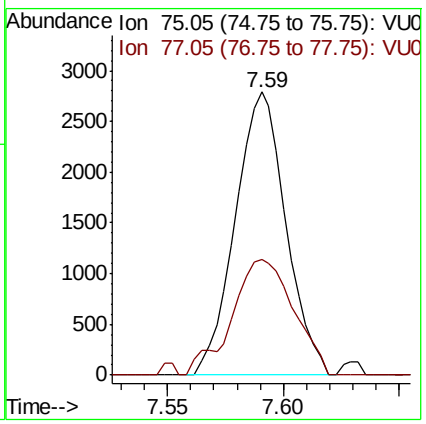


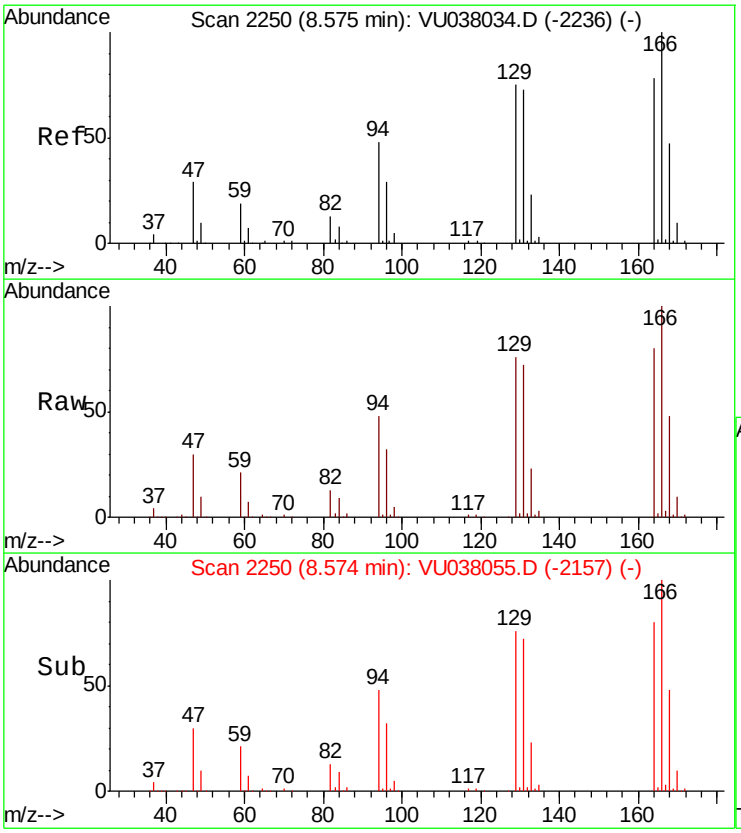
#39
cis-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.04 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4226

Ion	Ratio	Lower	Upper
75	100		
77	40.7	22.4	41.6

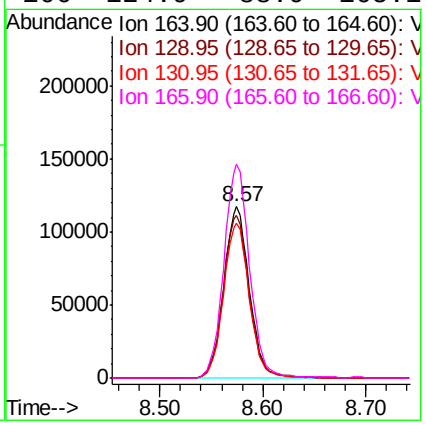


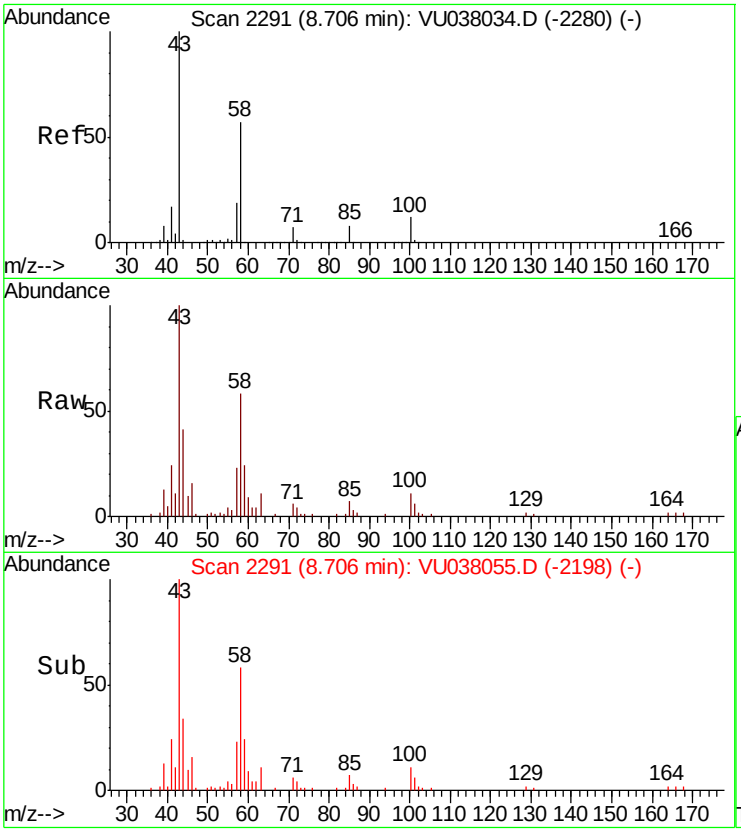


#47
Tetrachloroethene
Concen: 10.040 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion:164 Resp: 202225

Ion	Ratio	Lower	Upper
164	100		
129	95.1	68.8	127.8
131	90.5	66.8	124.2
166	124.9	88.9	165.1



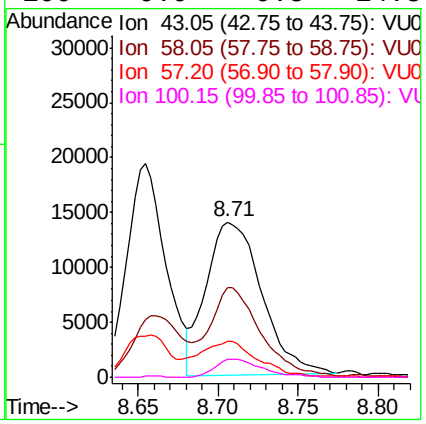


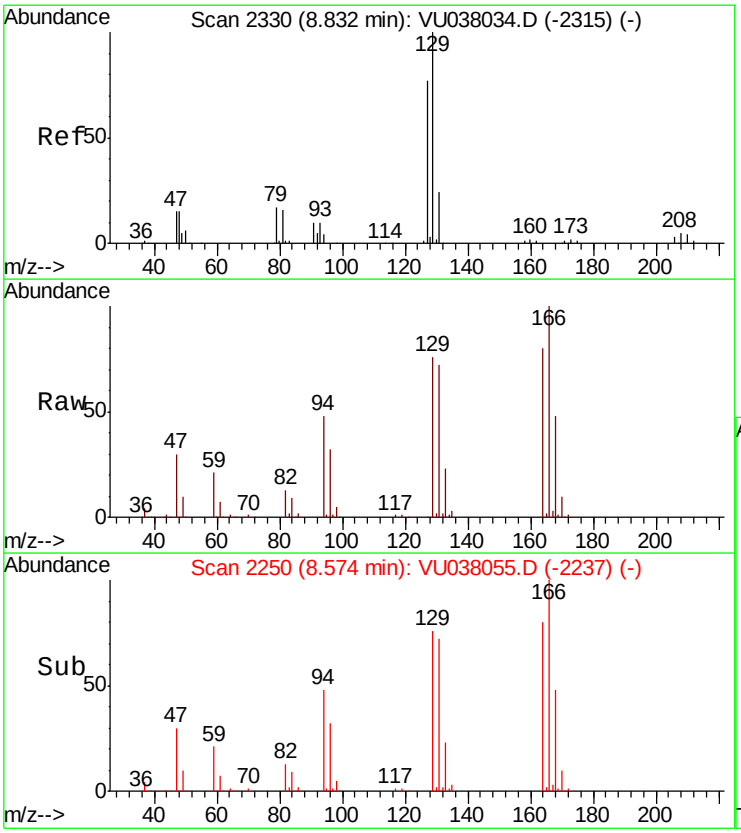
#48
2-Hexanone
Concen: 2.095 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 33255

Ion	Ratio	Lower	Upper
43	100		
58	54.5	45.2	67.8
57	25.5	15.5	23.3#
100	9.9	9.5	14.3

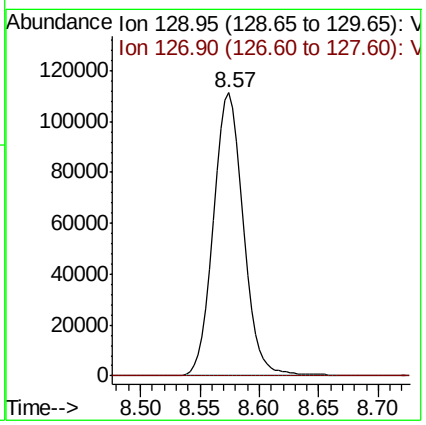


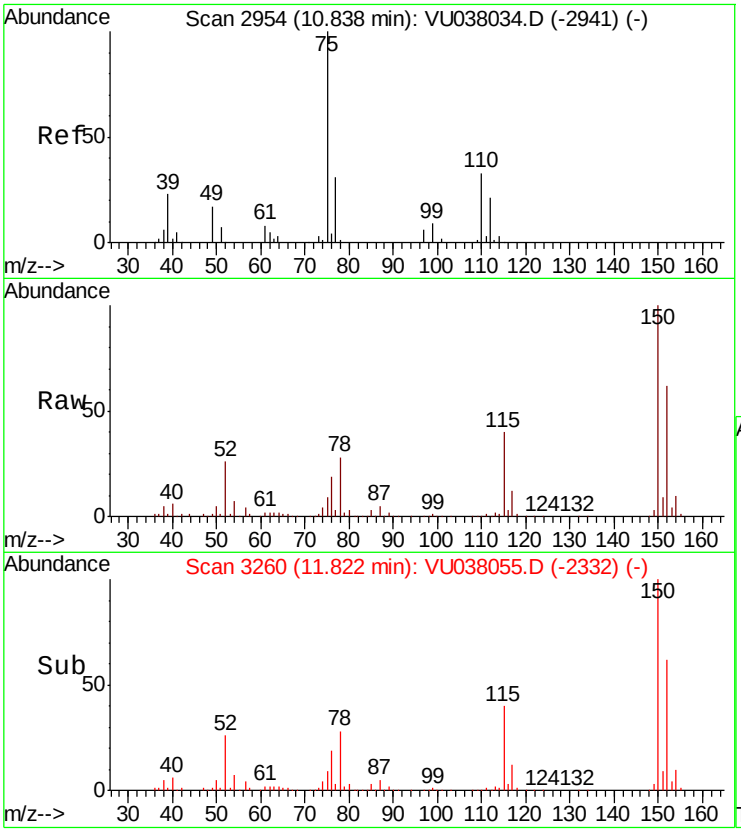


#49
Dibromochloromethane
Concen: 8.523 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion:129 Resp: 192105

Ion	Ratio	Lower	Upper
129	100		
127	0.1	55.6	103.4#



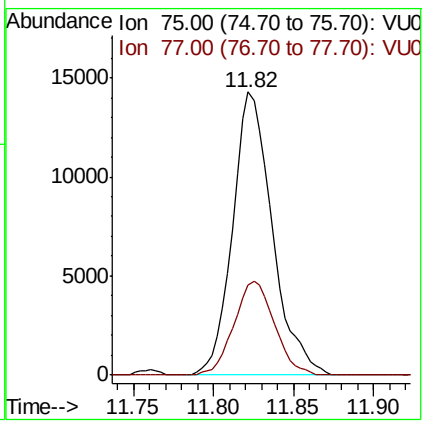


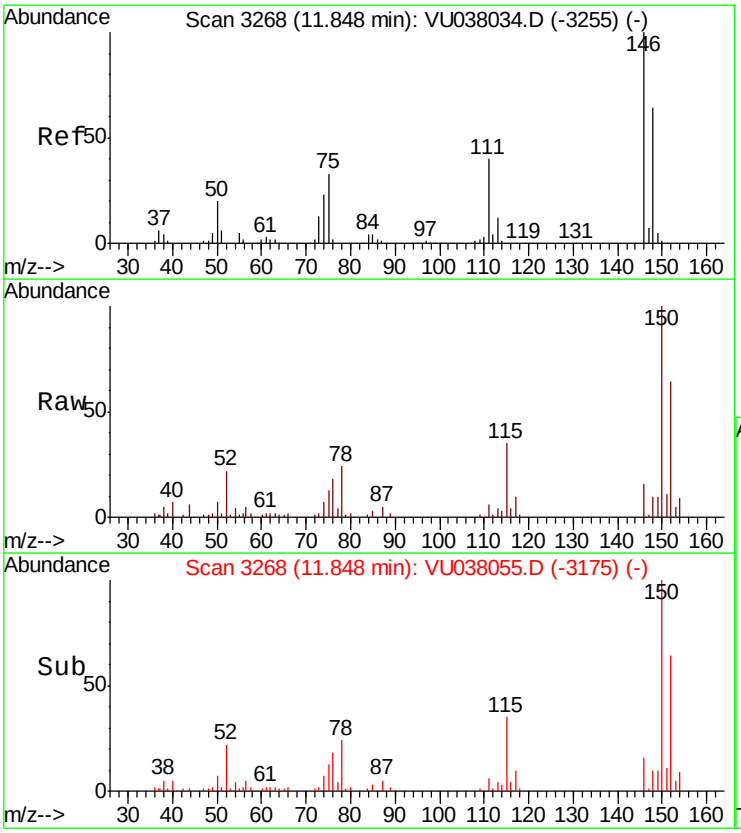
#59
1,2,3-Trichloropropane
Concen: 1.148 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 24106

Ion	Ratio	Lower	Upper
75	100		
77	33.6	25.4	38.0





#63
1,4-Dichlorobenzene
Concen: 0.077 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. -0.00 min
Lab File: VU038055.D
Acq: 07 May 2020 21:36

Tgt Ion:146 Resp: 4203

Ion	Ratio	Lower	Upper
146	100		
111	35.0	27.2	50.6
148	62.4	43.8	81.3