Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050720\
Data File : VU038068.D
Acq On : 08 May 2020 03:25
Operator : JC/MD
Sample : L2528-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: May 08 05:00:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 04:55:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	363217	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	355655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	165263	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	141573	4.26	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.20%			
7) Chloroethane-d5	1.93	69	122524	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.20%			
11) 1,1-Dichloroethene-d2	2.59	63	173235	3.12	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.40%			
20) 2-Butanone-d5	4.66	46	335842	40.97	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.94%			
24) Chloroform-d	5.10	84	198718	3.94	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.80%			
26) 1,2-Dichloroethane-d4	5.74	65	126370	4.37	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 87.40%			
32) Benzene-d6	5.76	84	474346	4.45	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.00%			
36) 1,2-Dichloropropane-d6	6.72	67	152435	4.43	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.60%			
41) Toluene-d8	7.92	98	427836	4.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.40%			
43) trans-1,3-Dichloropropene-	8.20	79	52058	3.78	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.60%			
46) 2-Hexanone-d5	8.65	63	268174	41.22	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.44%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115654	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.20%			
64) 1,2-Dichlorobenzene-d4	12.20	152	148722	4.62	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.40%			
Target Compounds						Qvalue
13) Acetone	2.65	43	26160	5.087	ug/L	100
17) Methyl tert-butyl Ether	3.40	73	8569	0.122	ug/L #	5
21) 2-Butanone	4.84	43	182778	20.136	ug/L #	49
25) Chloroform	5.13	83	40454	0.807	ug/L	98
30) Cyclohexane	5.42	56	8002	0.166	ug/L	91
34) Trichloroethene	6.57	95	4681	0.164	ug/L	91
35) Methylcyclohexane	6.72	83	34051	0.738	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15146	0.490	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3686	0.083	ug/L #	51
48) 2-Hexanone	8.71	43	37394	2.381	ug/L	98
59) 1,2,3-Trichloropropane	11.82	75	23332	1.124	ug/L	95

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

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 04:55:51 2020
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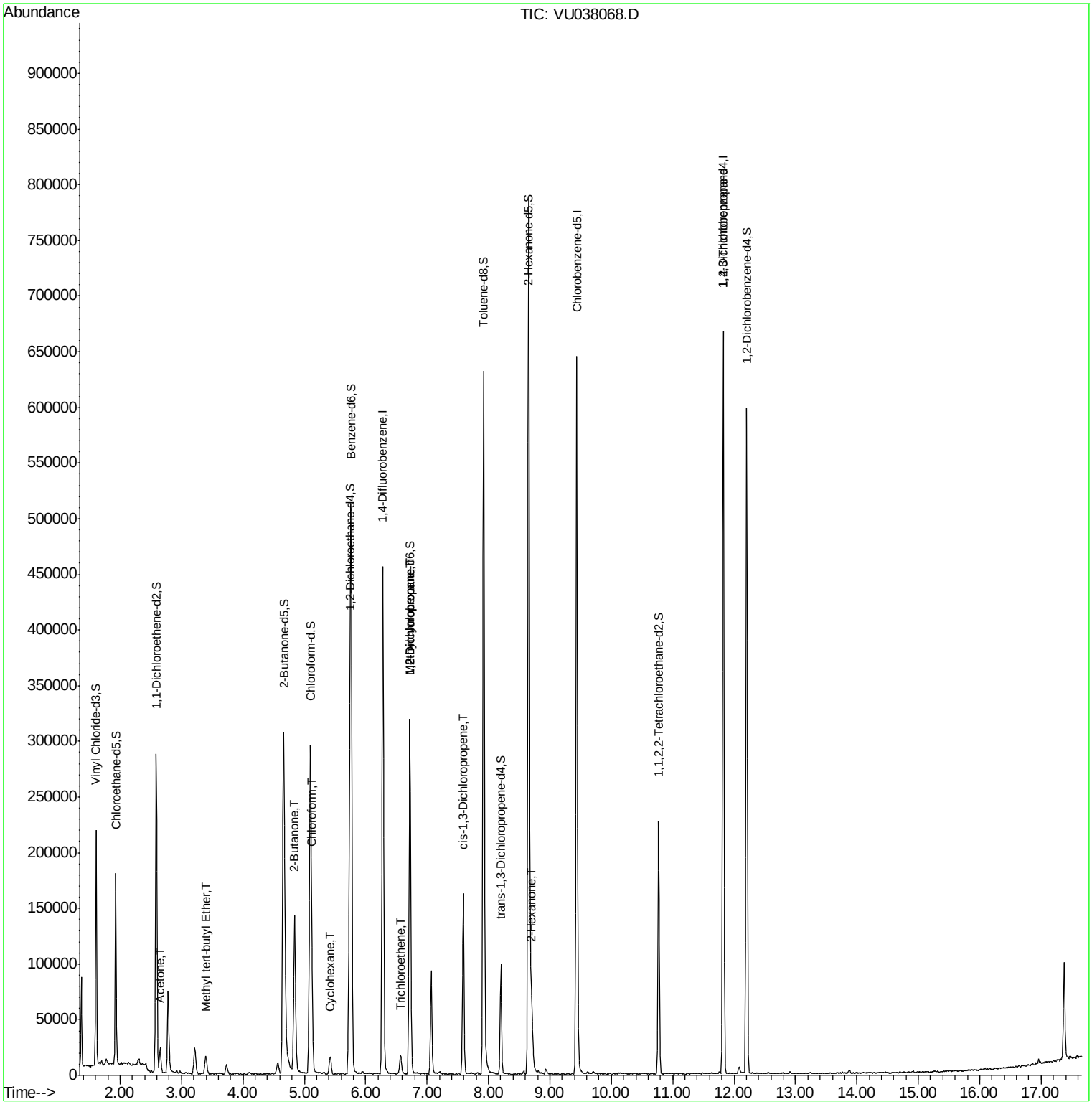
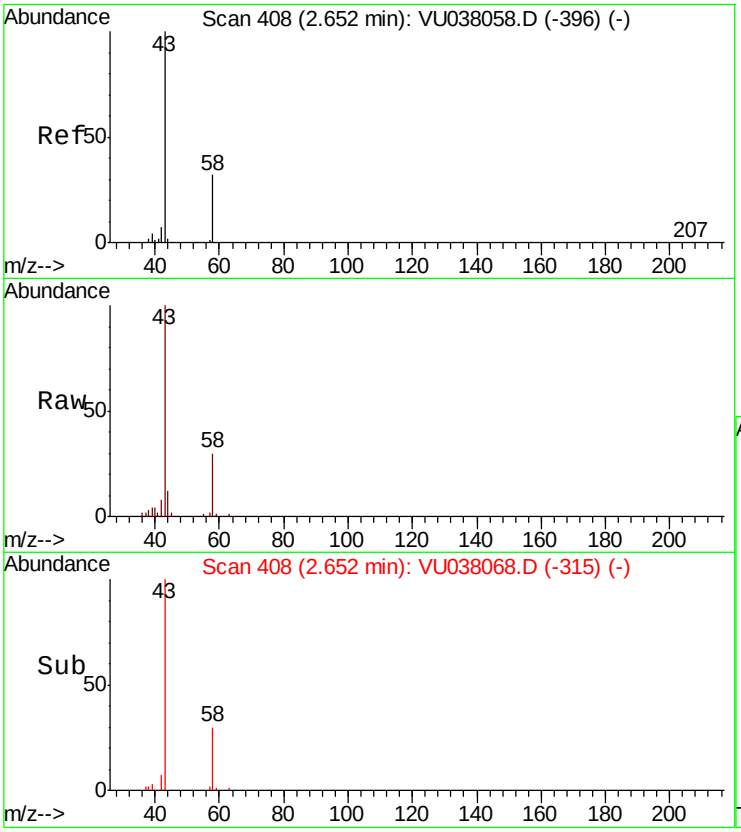


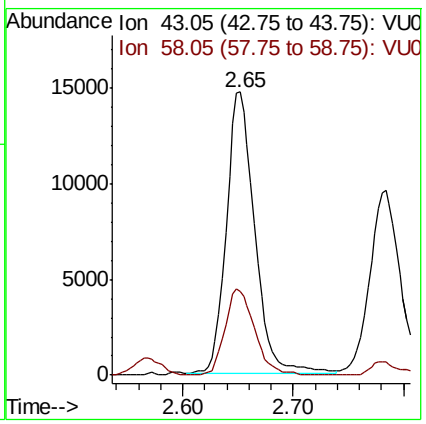


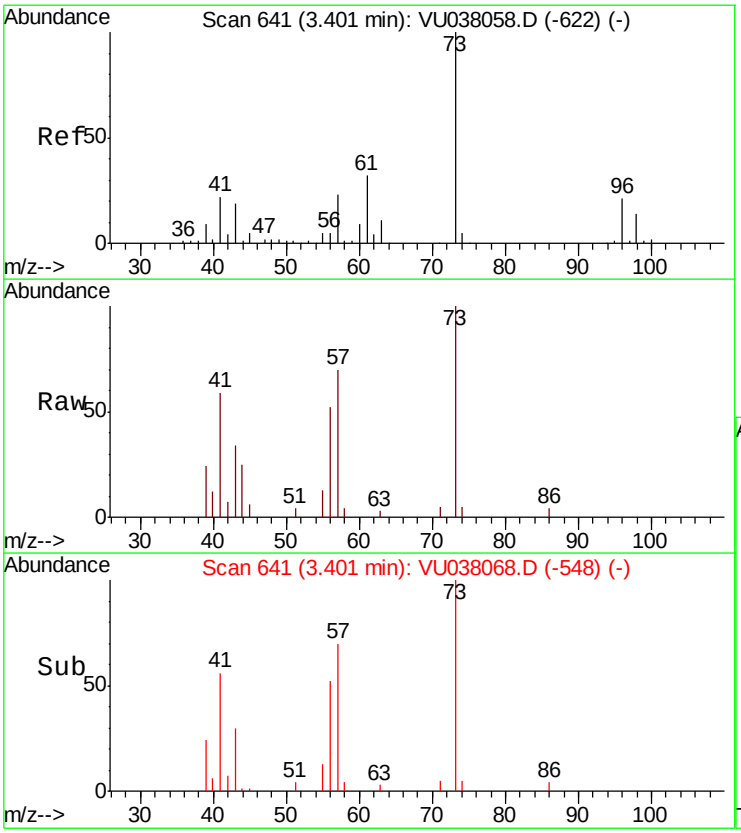
#13
Acetone
Concen: 5.087 ug/L
RT: 2.65 min Scan# 408
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 26160

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	63.6

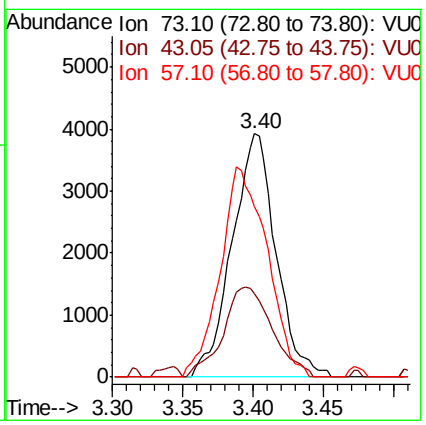


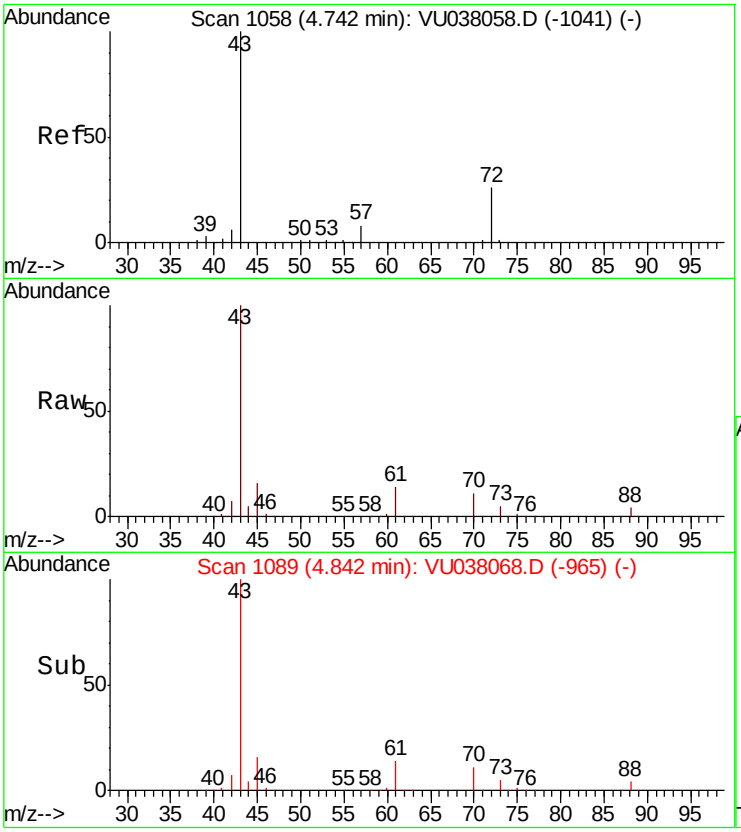


#17
Methyl tert-butyl Ether
Concen: 0.122 ug/L
RT: 3.40 min Scan# 641
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Tgt Ion: 73 Resp: 8569

Ion	Ratio	Lower	Upper
73	100		
43	41.3	16.9	25.3#
57	91.6	18.2	27.2#



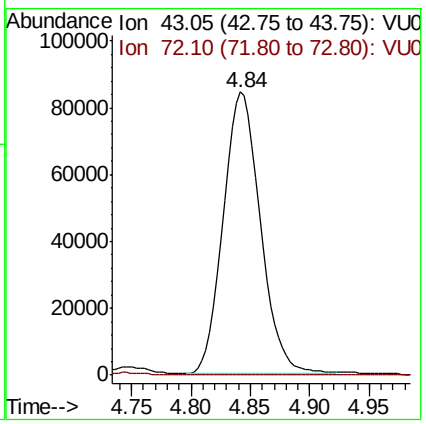


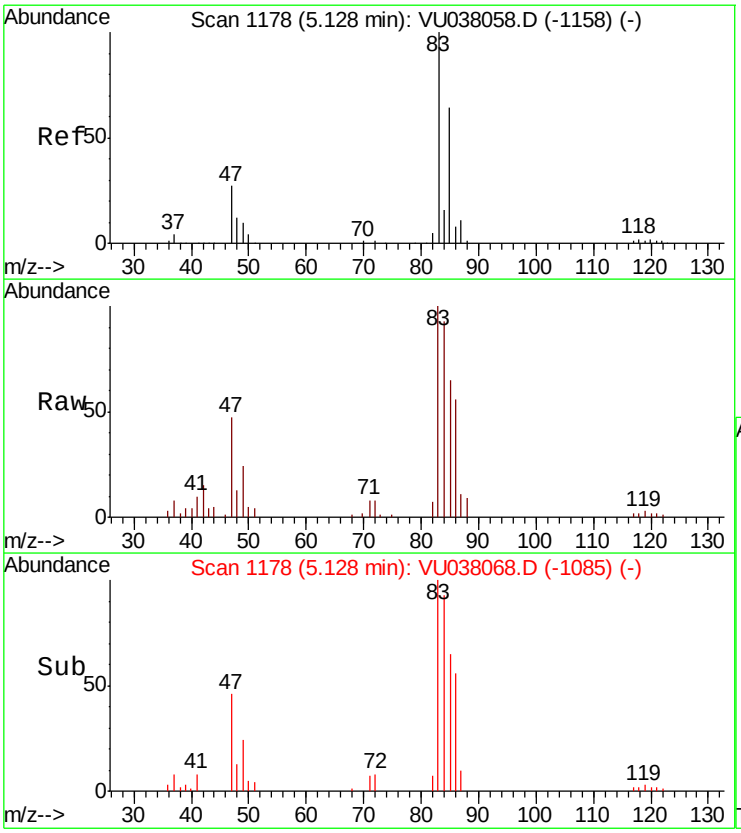
#21
2-Butanone
Concen: 20.136 ug/L
RT: 4.84 min Scan# 1089
Delta R.T. 0.10 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 182778

Ion	Ratio	Lower	Upper
43	100		
72	0.6	13.5	40.4#

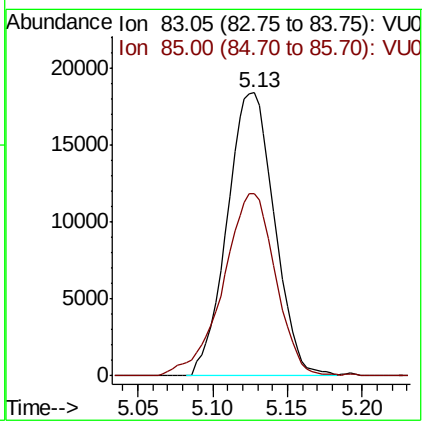


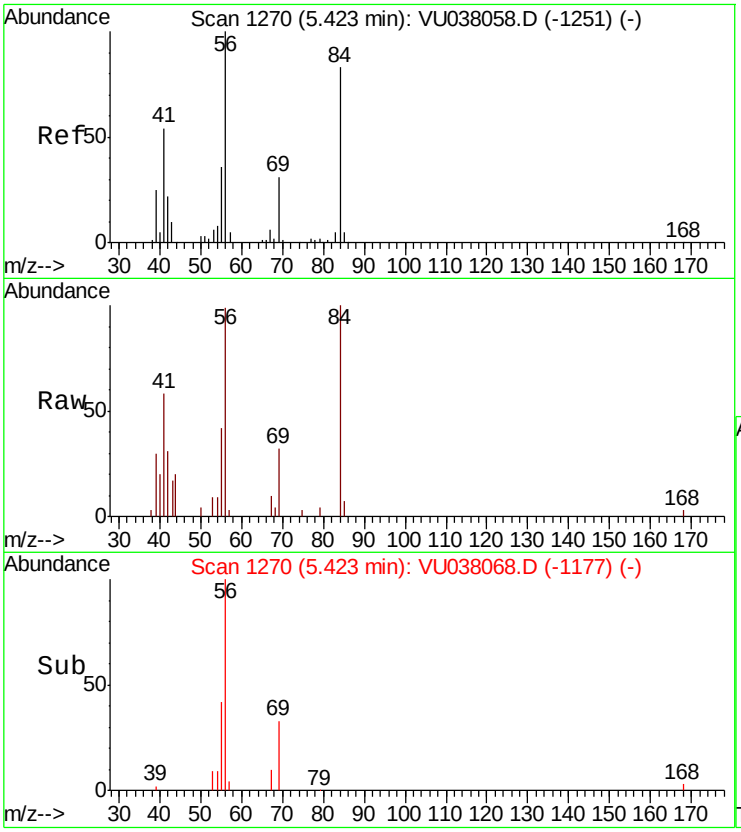


#25
Chloroform
Concen: 0.807 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Tgt Ion: 83 Resp: 40454

Ion	Ratio	Lower	Upper
83	100		
85	64.6	46.2	85.8



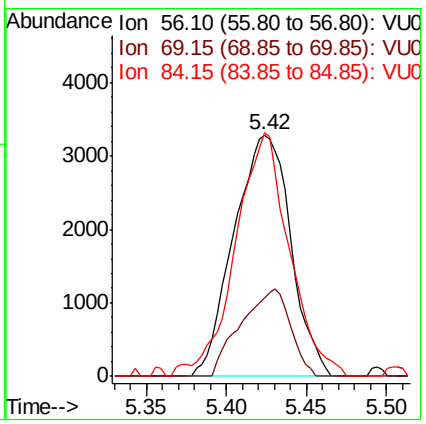


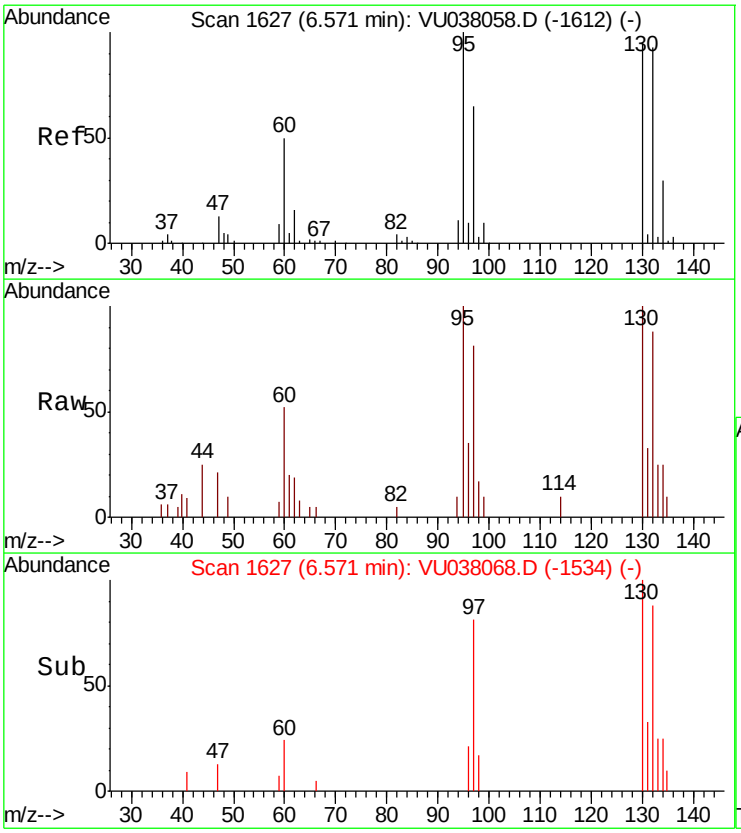
#30
Cyclohexane
Concen: 0.166 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 8002

Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.2	36.4
84	96.2	68.5	102.7

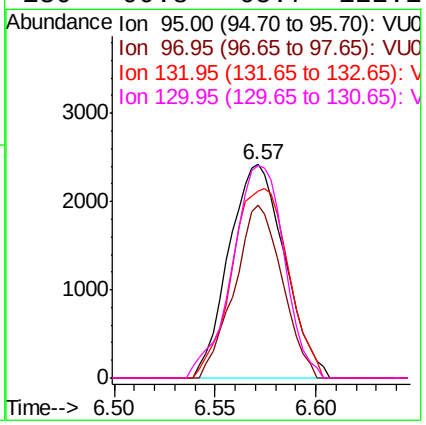


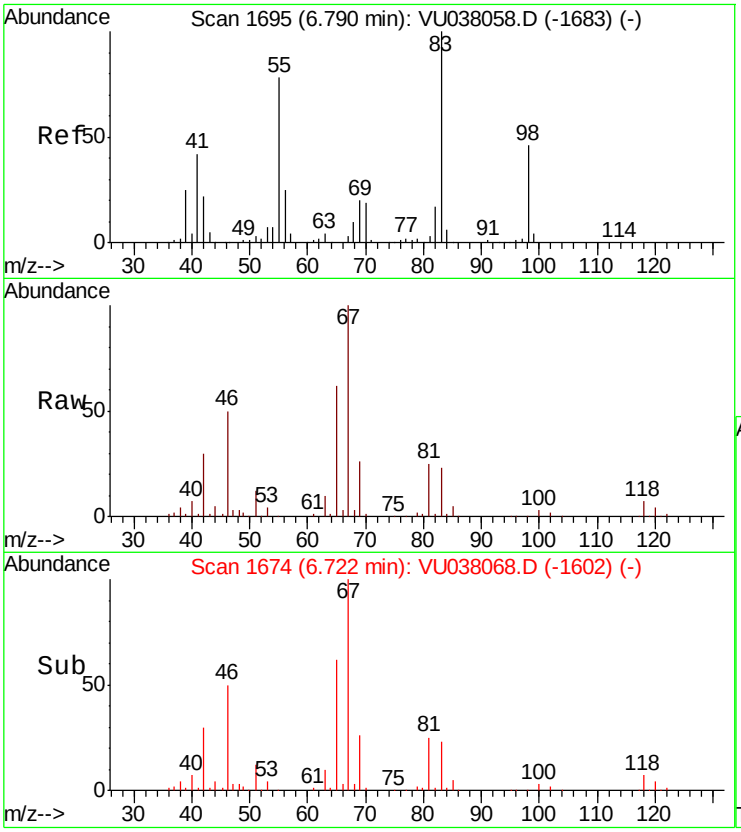


#34
Trichloroethene
Concen: 0.164 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Tgt Ion: 95 Resp: 4681

Ion	Ratio	Lower	Upper
95	100		
97	81.1	44.9	83.3
132	87.6	63.3	117.5
130	99.8	65.7	122.1



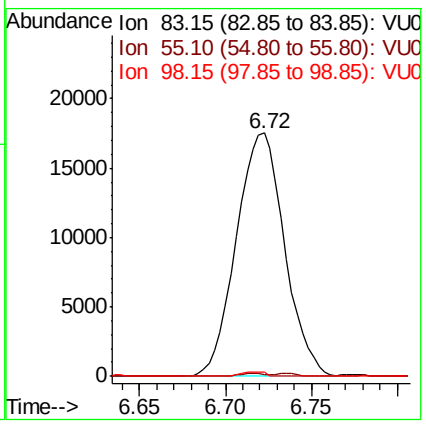


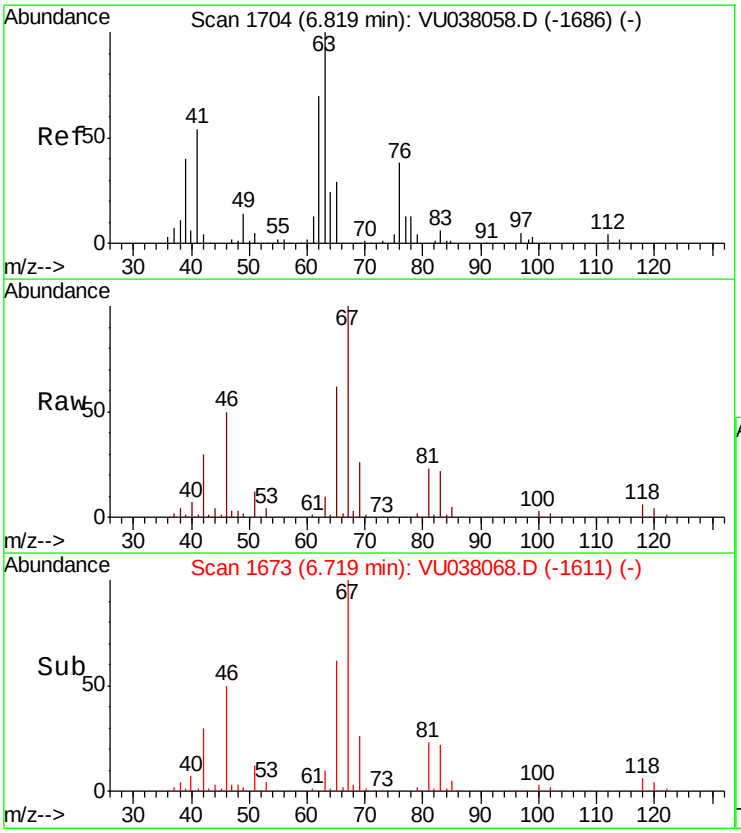
#35
Methylcyclohexane
Concen: 0.738 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 34051

Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.7	100.1#
98	0.9	39.4	59.2#

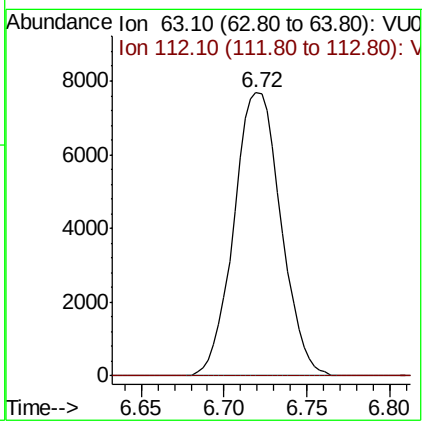


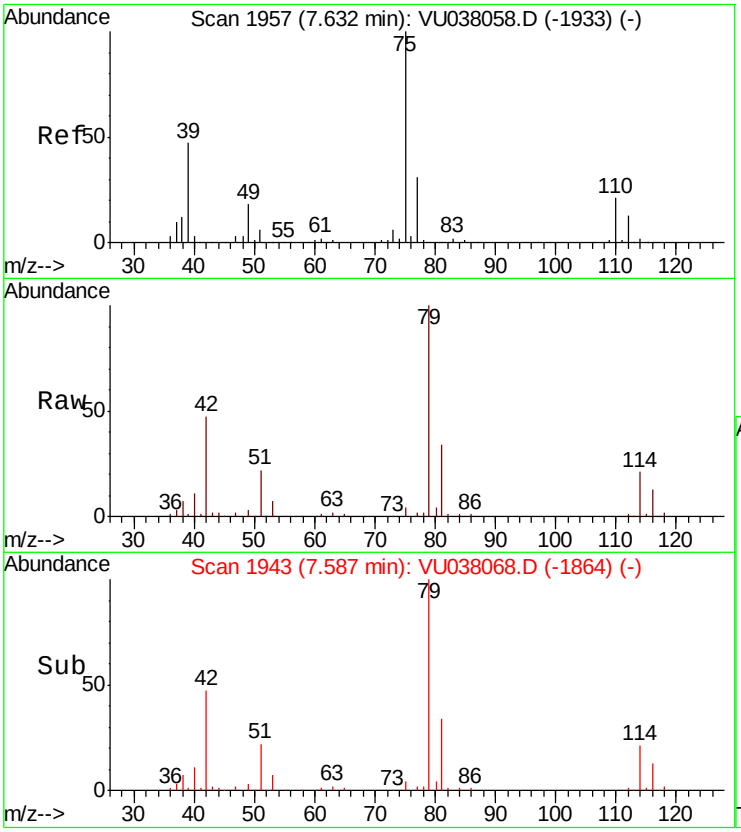


#37
1,2-Dichloropropane
Concen: 0.490 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Tgt Ion: 63 Resp: 15146

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



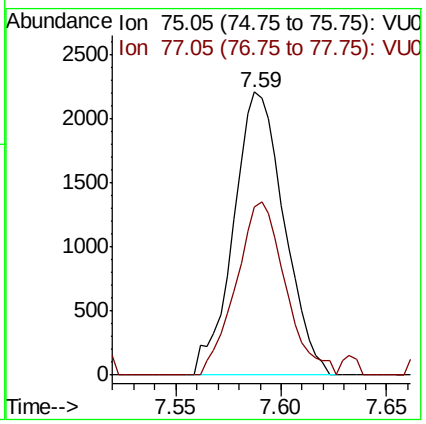


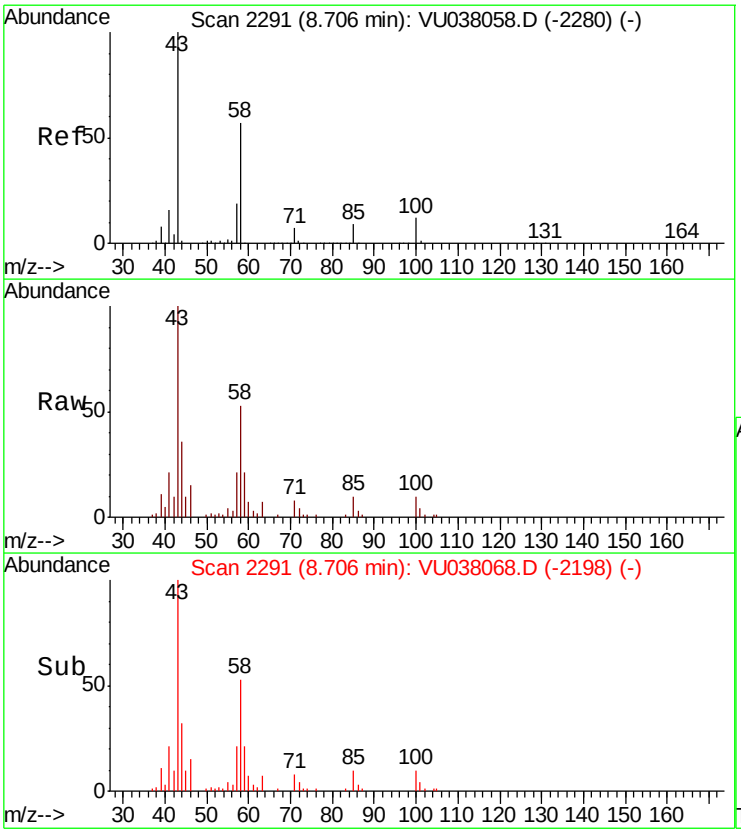
#39
cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 3686

Ion	Ratio	Lower	Upper
75	100		
77	59.3	22.4	41.6#

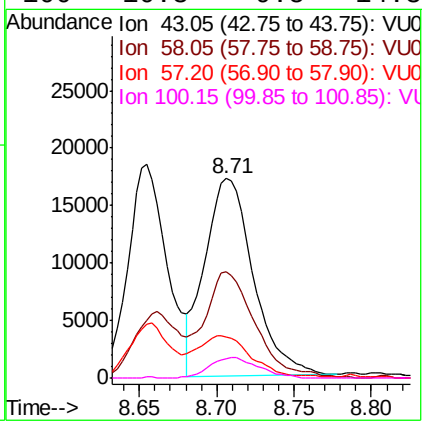


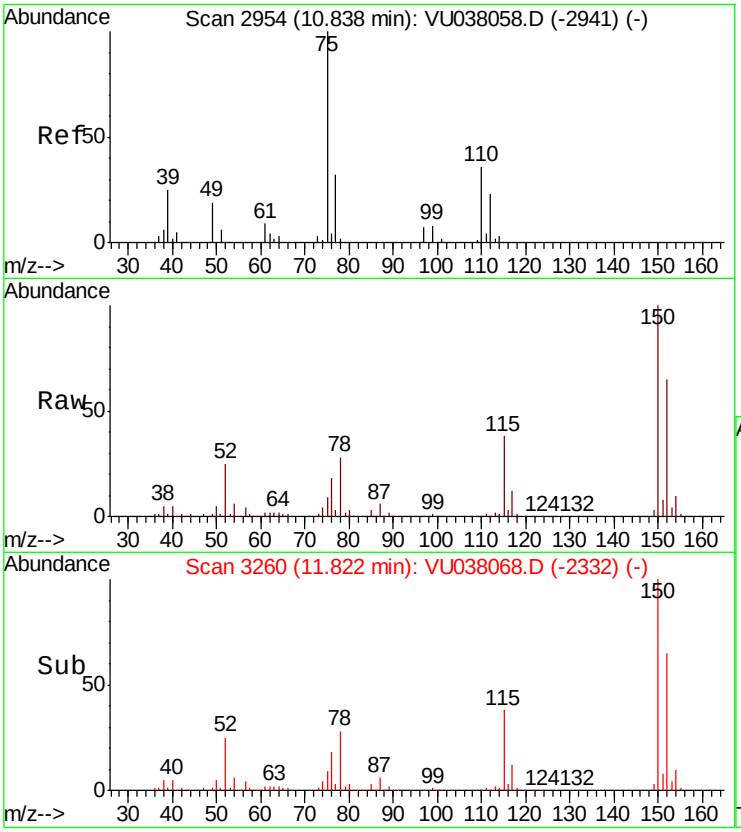


#48
2-Hexanone
Concen: 2.381 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Tgt Ion: 43 Resp: 37394

Ion	Ratio	Lower	Upper
43	100		
58	56.4	45.2	67.8
57	22.6	15.5	23.3
100	10.3	9.5	14.3





#59
1,2,3-Trichloropropane
Concen: 1.124 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038068.D
Acq: 08 May 2020 03:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 23332

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.4	38.0