

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051320\
 Data File : VU038154.D
 Acq On : 13 May 2020 19:21
 Operator : JC/MD
 Sample : L2631-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 01:16:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 01:11:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	330541	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	321963	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	120363	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	117083	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.59	63	163930	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.66	46	465211	62.36	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.72%
24) Chloroform-d	5.10	84	226159	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.74	65	141041	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.76	84	488099	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.72	67	162719	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	7.92	98	423639	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	8.20	79	57169	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.65	63	386571	65.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.26%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	136391	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	159842	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

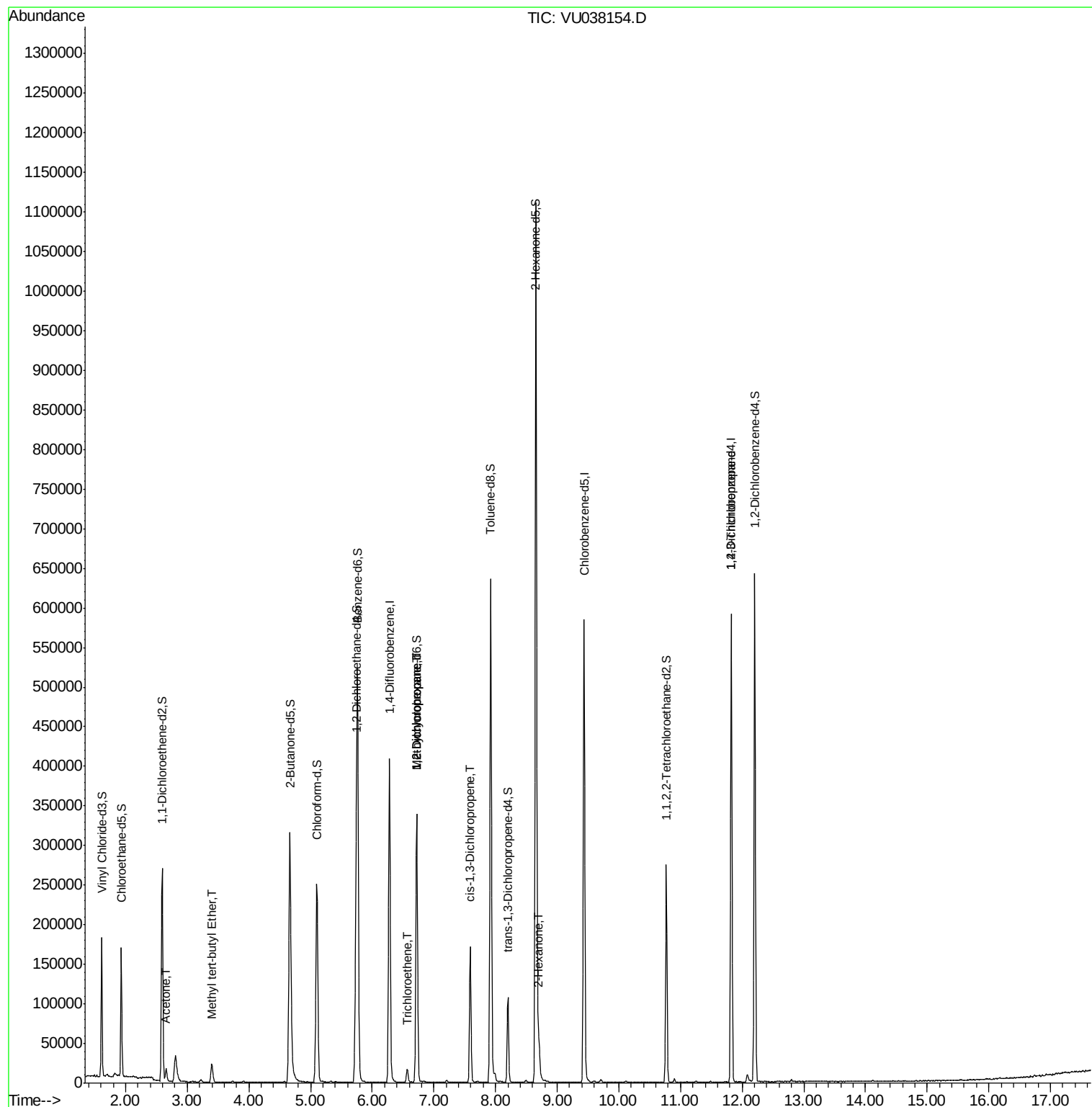
					Ovalue
13) Acetone	2.66	43	19496	4.166	ug/L 100
17) Methyl tert-butyl Ether	3.40	73	22135	0.347	ug/L # 92
34) Trichloroethene	6.57	95	4137	0.160	ug/L 84
35) Methylcyclohexane	6.72	83	37380	0.895	ug/L # 16
37) 1,2-Dichloropropane	6.72	63	17515	0.625	ug/L # 88
39) cis-1,3-Dichloropropene	7.59	75	3759	0.094	ug/L # 55
48) 2-Hexanone	8.71	43	25045	1.762	ug/L 94
59) 1,2,3-Trichloropropane	11.82	75	20318	1.081	ug/L 91

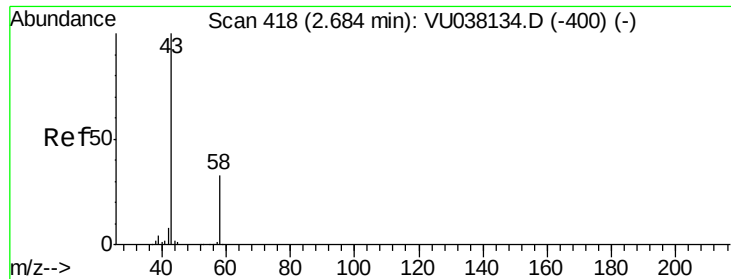
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 14 01:11:51 2020
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#13

Acetone

Concen: 4.166 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.03 min

Lab File: VU038154.D

Acq: 13 May 2020 19:21

Instrument :

MSVOA_U

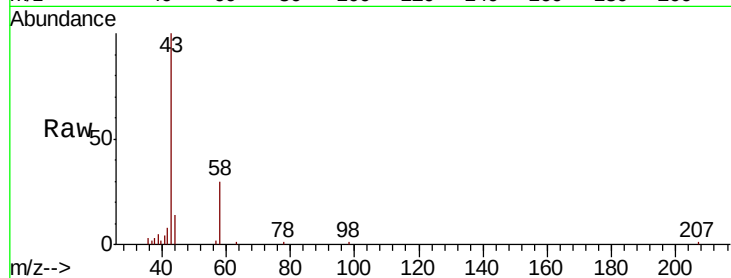
ClientSampleId :

Tot Ion: 43 Resp: 19496

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038154.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038154.D (-325) (-)

2.66

12000

10000

8000

6000

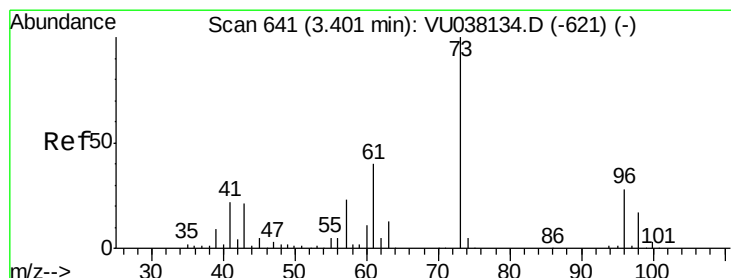
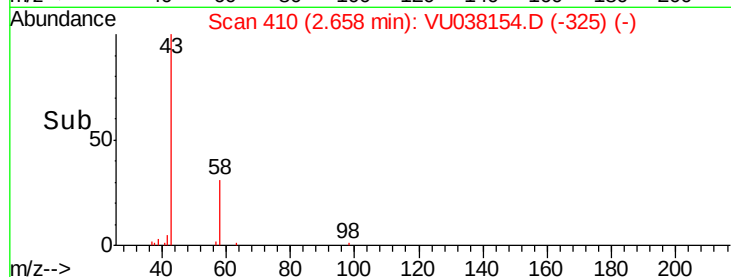
4000

2000

0

Time-->

2.60 2.65 2.70 2.75



#17

Methyl tert-butyl Ether

Concen: 0.347 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038154.D

Acq: 13 May 2020 19:21

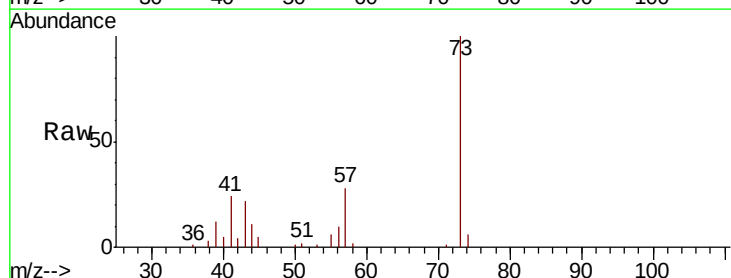
Tgt Ion: 73 Resp: 22135

Ion Ratio Lower Upper

73 100

43 22.9 16.9 25.3

57 28.8 18.2 27.2#



Abundance Ion 73.10 (72.80 to 73.80): VU038154.D (-548) (-)

Ion 43.05 (42.75 to 43.75): VU038154.D (-548) (-)

Ion 57.10 (56.80 to 57.80): VU038154.D (-548) (-)

3.40

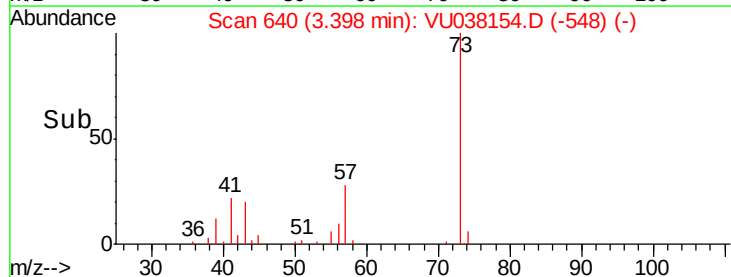
10000

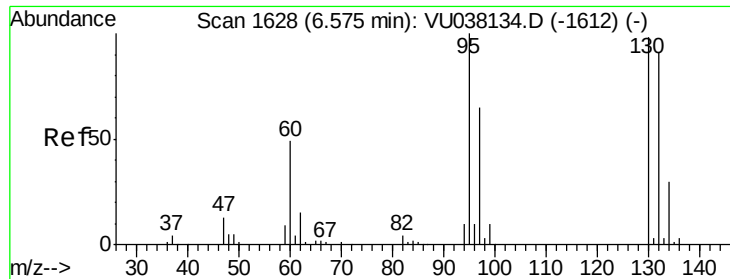
5000

0

Time-->

3.30 3.35 3.40 3.45

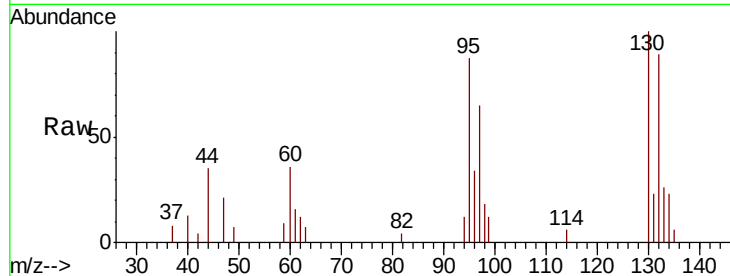




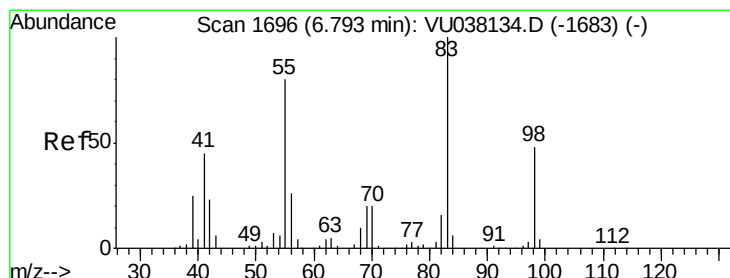
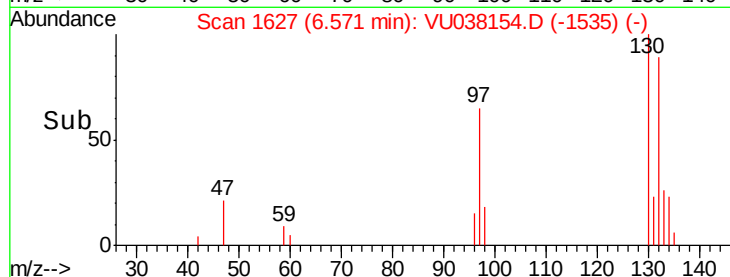
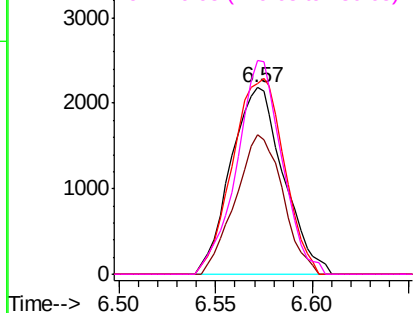
#34
 Trichloroethene
 Concen: 0.160 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU038154.D
 Acq: 13 May 2020 19:21

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 4137
 Ion Ratio Lower Upper
 95 100
 97 74.6 44.9 83.3
 132 102.4 63.3 117.5
 130 114.5 65.7 122.1

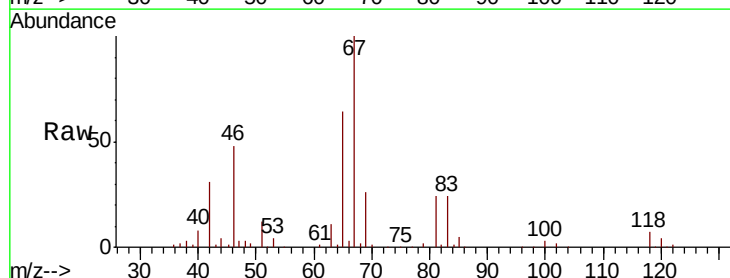


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

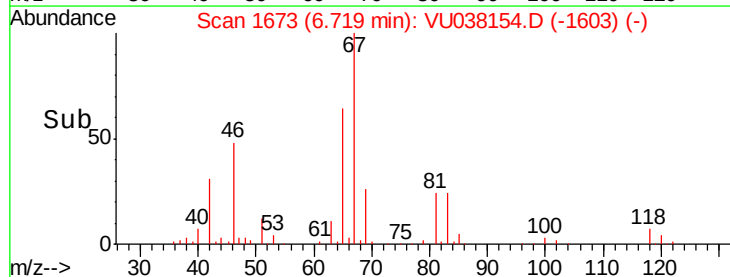
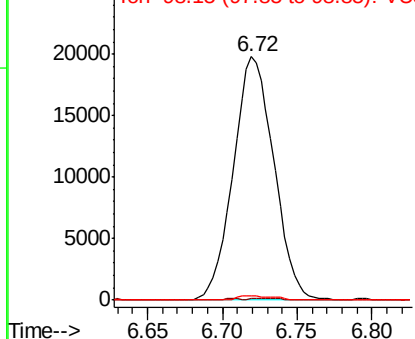


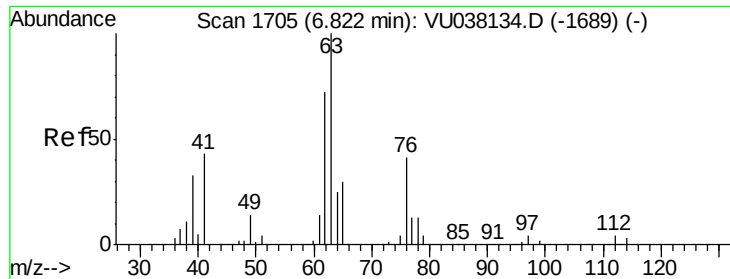
#35
 Methylcyclohexane
 Concen: 0.895 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038154.D
 Acq: 13 May 2020 19:21

Tgt Ion: 83 Resp: 37380
 Ion Ratio Lower Upper
 83 100
 55 0.6 66.7 100.1#
 98 1.1 39.4 59.2#



Abundance Ion 83.15 (82.85 to 83.85): VU0
 Ion 55.10 (54.80 to 55.80): VU0
 Ion 98.15 (97.85 to 98.85): VU0

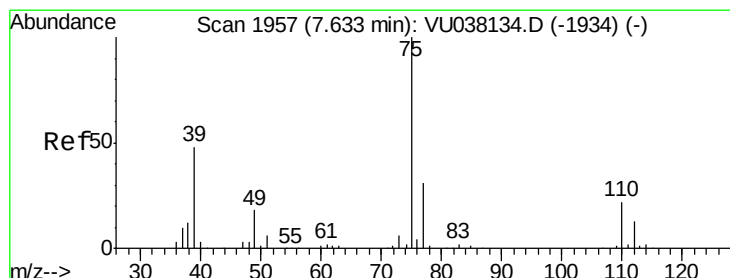
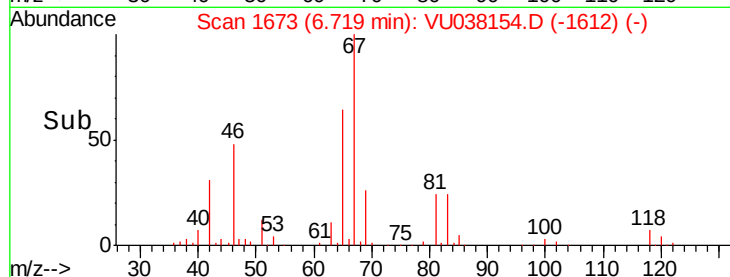
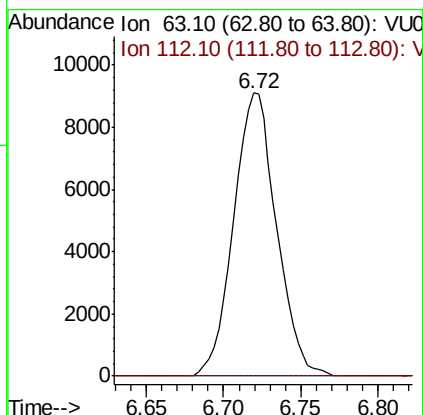
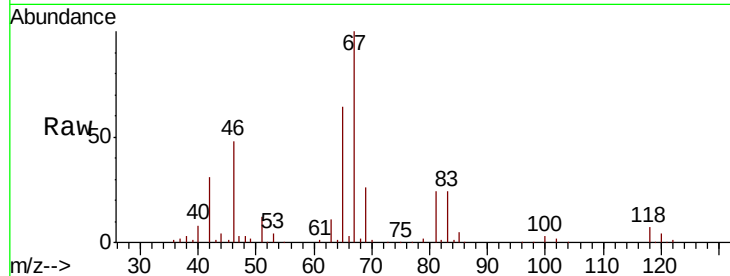




#37
 1,2-Dichloropropane
 Concen: 0.625 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038154.D
 Acq: 13 May 2020 19:21

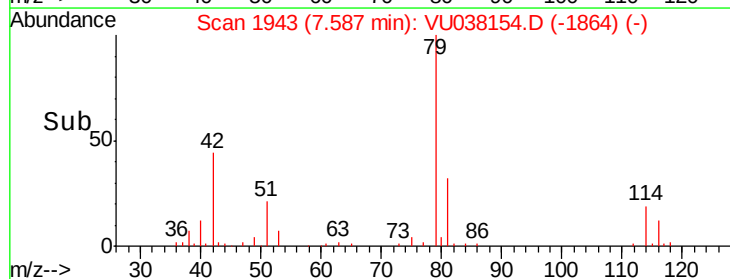
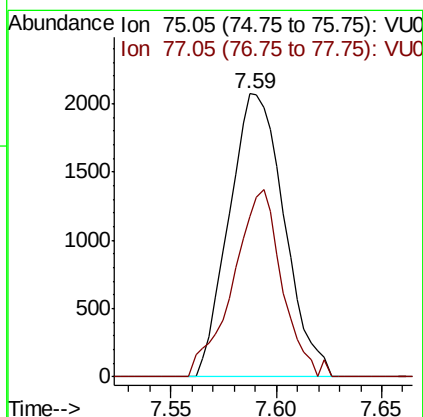
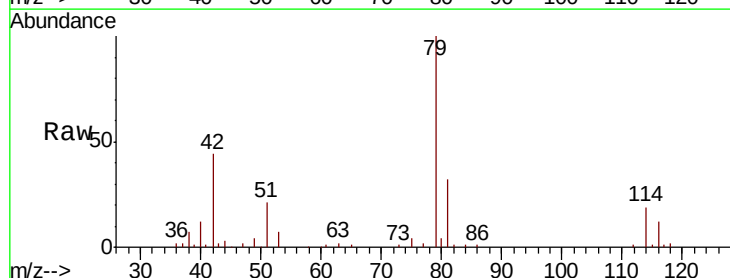
Instrument :
 MSVOA_U
 ClientSampled :

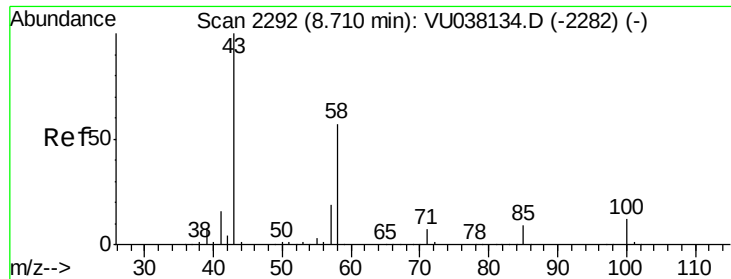
Tot Ion: 63 Resp: 17515
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038154.D
 Acq: 13 May 2020 19:21

Tgt Ion: 75 Resp: 3759
 Ion Ratio Lower Upper
 75 100
 77 56.9 22.4 41.6#

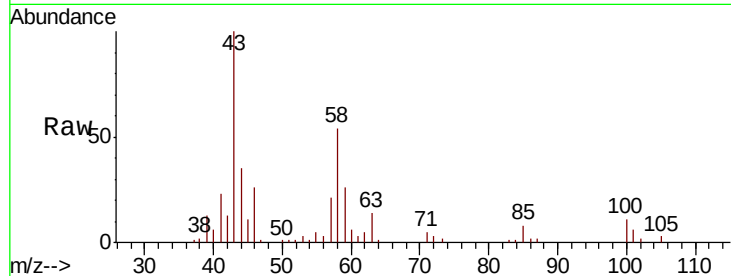




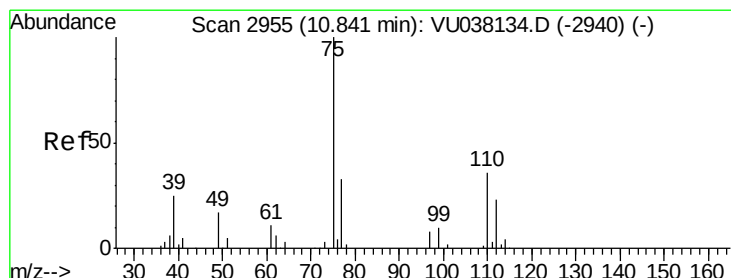
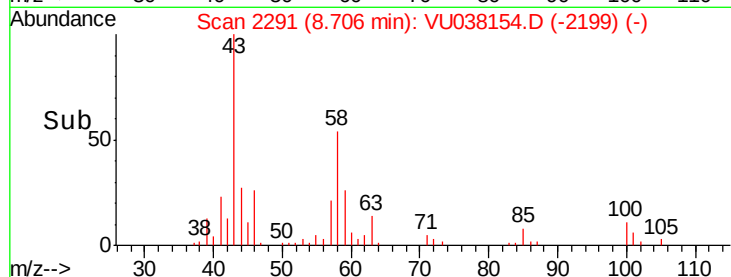
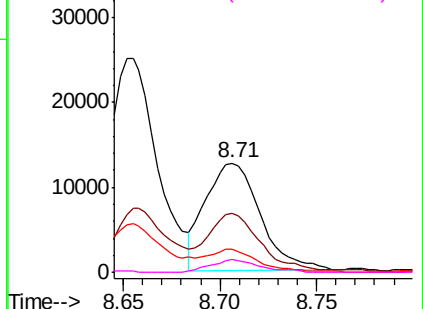
#48
 2-Hexanone
 Concen: 1.762 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038154.D
 Acq: 13 May 2020 19:21

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	43	Resp:	25045
Ion	Ratio	Lower	Upper
43	100		
58	50.3	45.2	67.8
57	20.4	15.5	23.3
100	10.3	9.5	14.3

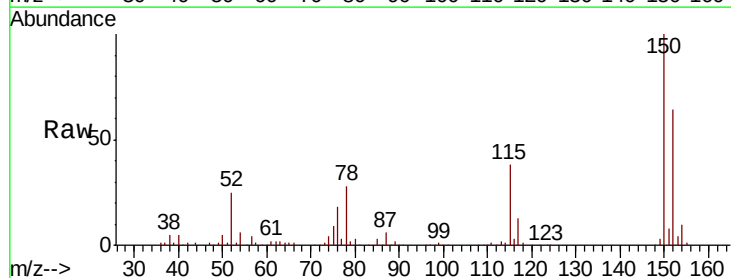


Abundance Ion 43.05 (42.75 to 43.75): VU0
 Ion 58.05 (57.75 to 58.75): VU0
 Ion 57.20 (56.90 to 57.90): VU0
 Ion 100.15 (99.85 to 100.85): VU0



#59
 1,2,3-Trichloropropane
 Concen: 1.081 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038154.D
 Acq: 13 May 2020 19:21

Tgt Ion:	75	Resp:	20318
Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.4	38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

