

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061220\
 Data File : VU038834.D
 Acq On : 11 Jun 2020 18:52
 Operator : SY/MD
 Sample : L2975-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q0

Quant Time: Jun 12 01:06:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	273669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271667	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128866	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	68366	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.93	69	65057	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.59	63	112962	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.67	46	315318	58.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	5.10	84	173146	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.74	65	105312	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.76	84	335276	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.72	67	106305	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	270176	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	8.20	79	40156	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.66	63	258880	58.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95113	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	117873	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

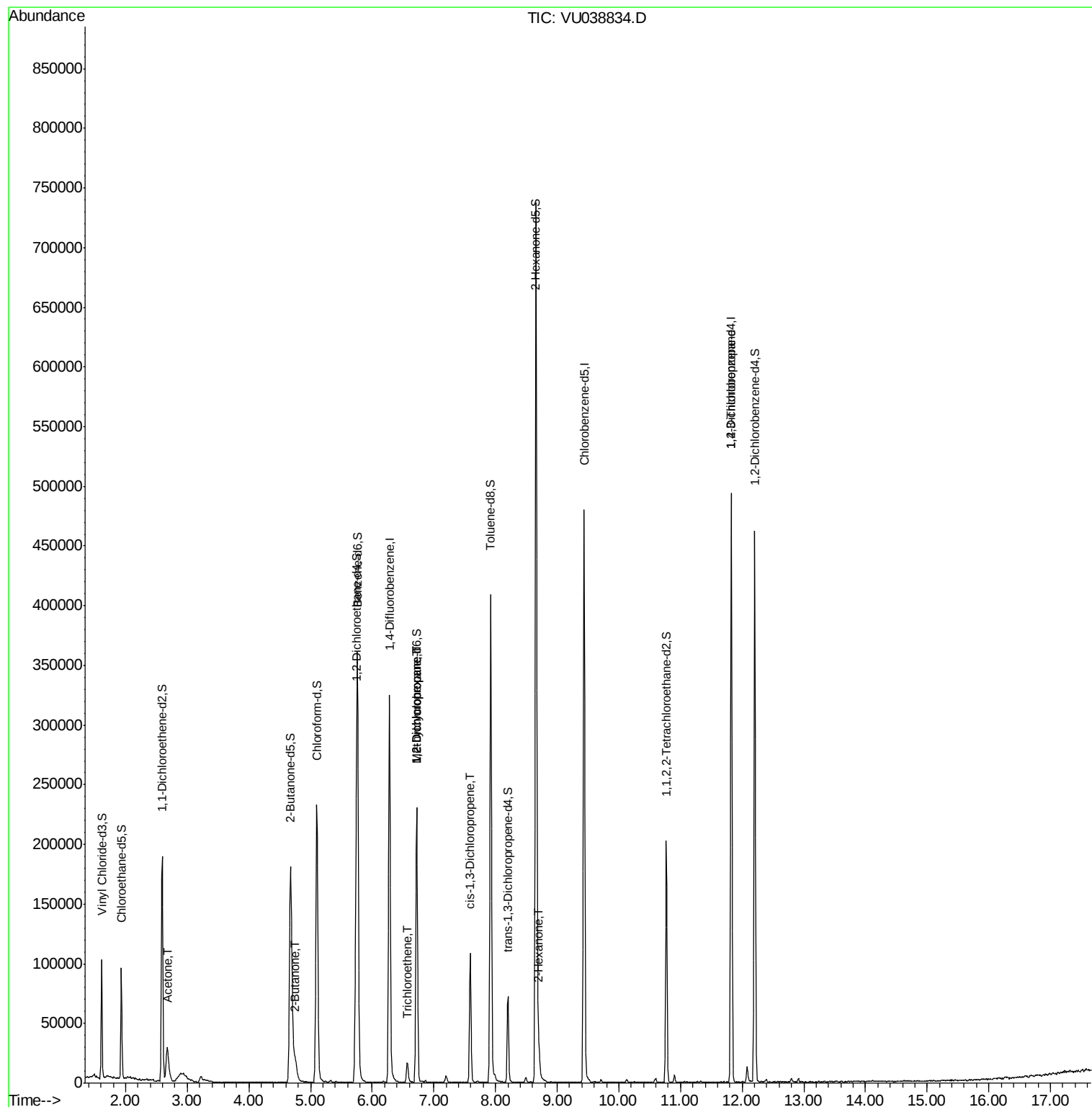
					Ovalue
13) Acetone	2.68	43	56321	15.995	ug/L 100
21) 2-Butanone	4.76	43	24391	4.118	ug/L 94
34) Trichloroethene	6.57	95	4699	0.239	ug/L 91
35) Methylcyclohexane	6.72	83	26743	0.878	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	12176	0.639	ug/L # 86
39) cis-1,3-Dichloropropene	7.59	75	2719	0.097	ug/L # 58
48) 2-Hexanone	8.70	43	10635	1.030	ug/L # 85
59) 1,2,3-Trichloropropane	11.82	75	16814	1.182	ug/L 89

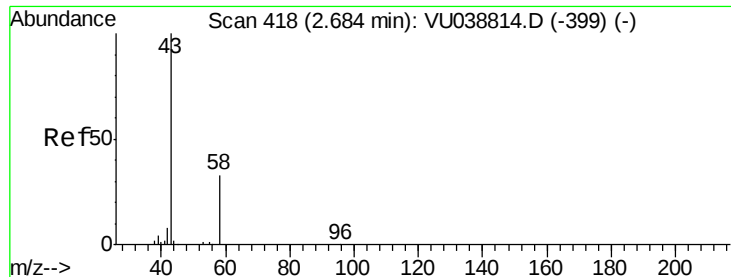
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 15.995 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU038834.D

Acq: 11 Jun 2020 18:52

Instrument :

MSVOA_U

ClientSampleId :

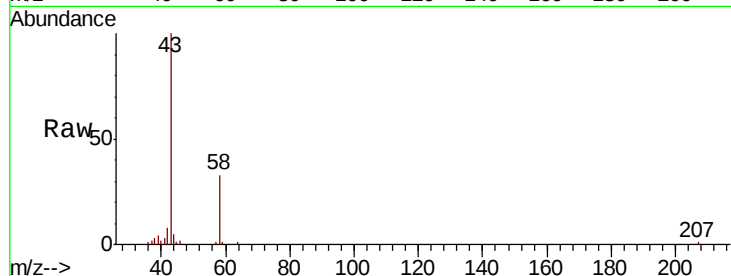
BF8Q0

Tot Ion: 43 Resp: 56321

Ion Ratio Lower Upper

43 100

58 33.0 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038814.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038814.D (-399) (-)

2.68

20000

15000

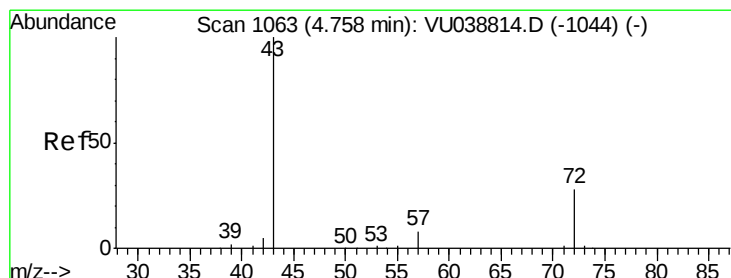
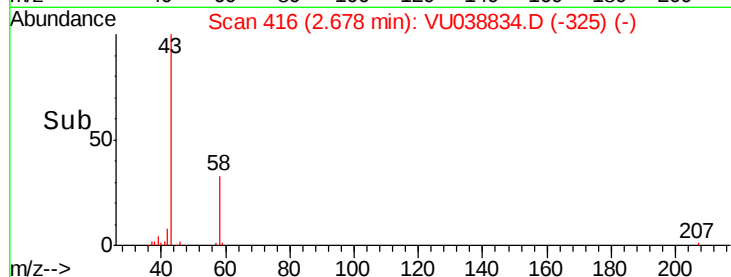
10000

5000

0

2.60 2.70 2.80

Time-->



#21

2-Butanone

Concen: 4.118 ug/L

RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

Lab File: VU038834.D

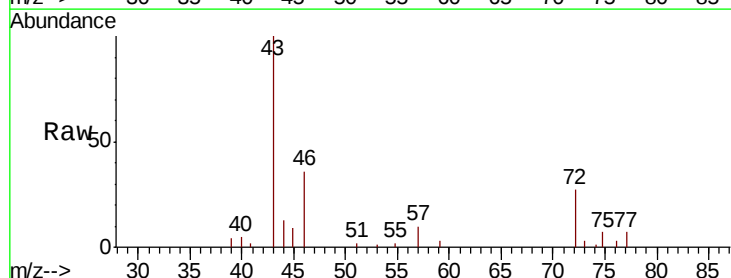
Acq: 11 Jun 2020 18:52

Tgt Ion: 43 Resp: 24391

Ion Ratio Lower Upper

43 100

72 28.0 12.6 37.8



Abundance Ion 43.05 (42.75 to 43.75): VU038814.D (-1044) (-)

Ion 72.10 (71.80 to 72.80): VU038814.D (-1044) (-)

4.76

8000

6000

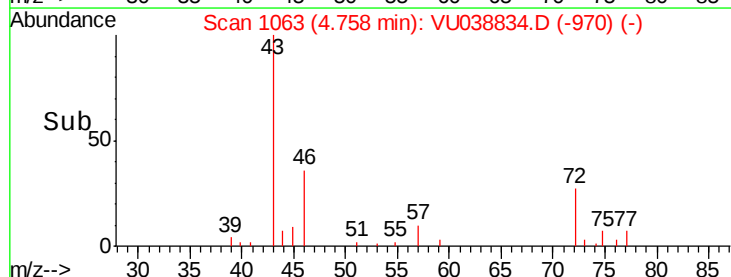
4000

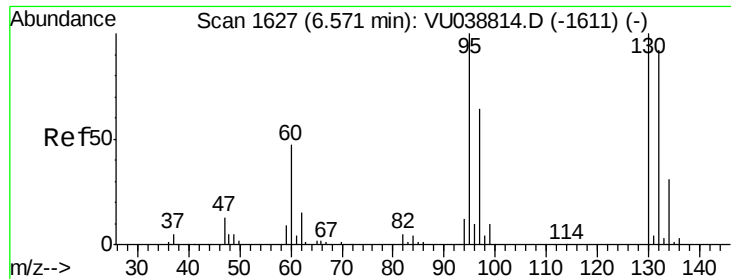
2000

0

4.70 4.80

Time-->

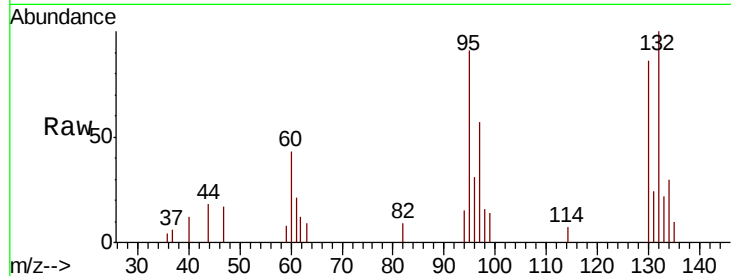




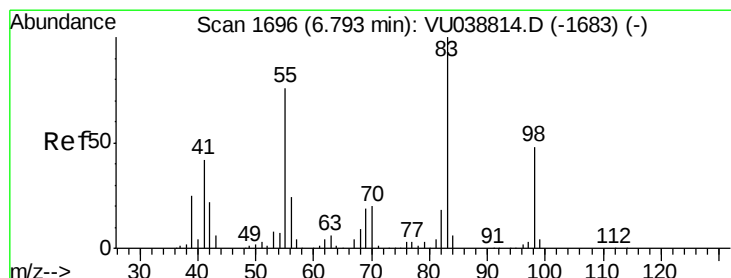
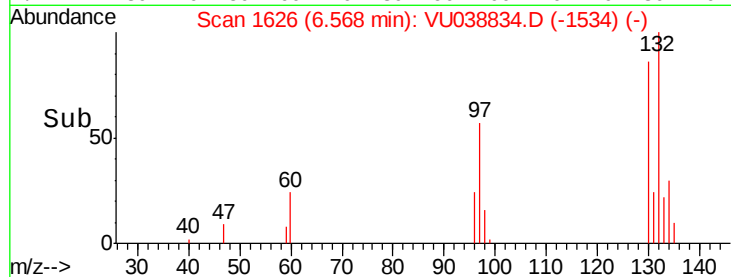
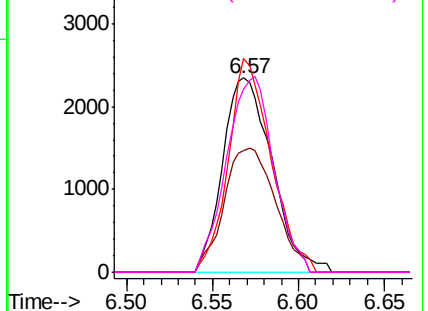
#34
 Trichloroethene
 Concen: 0.239 ug/L
 RT: 6.57 min Scan# 1626
 Delta R.T. -0.00 min
 Lab File: VU038834.D
 Acq: 11 Jun 2020 18:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q0

Tot Ion: 95 Resp: 4699
 Ion Ratio Lower Upper
 95 100
 97 62.5 46.8 87.0
 132 110.1 66.1 122.7
 130 94.7 70.0 130.0

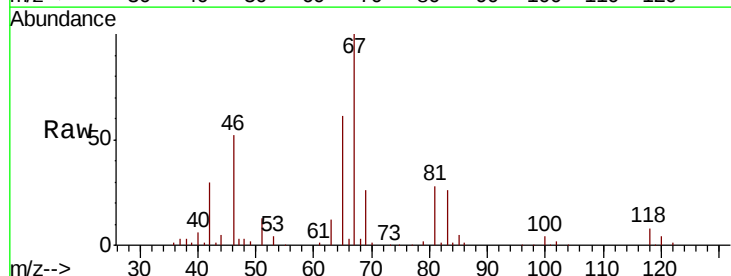


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

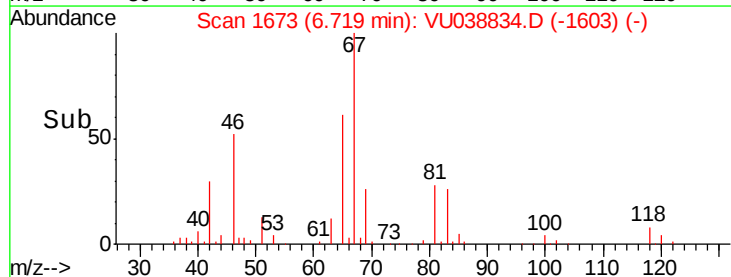
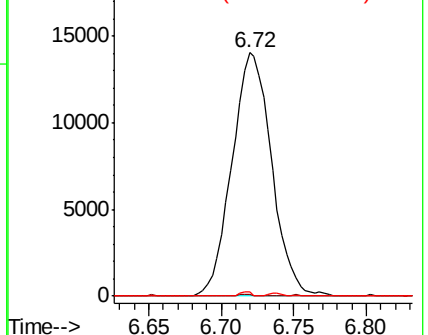


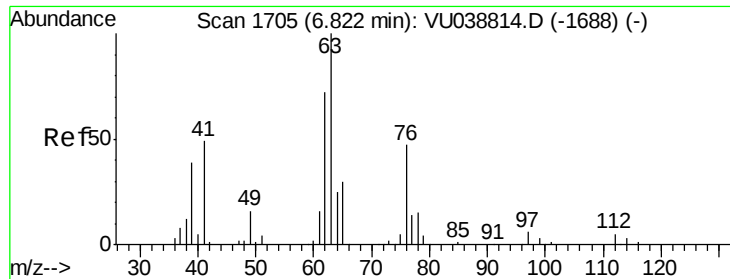
#35
 Methylcyclohexane
 Concen: 0.878 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.07 min
 Lab File: VU038834.D
 Acq: 11 Jun 2020 18:52

Tgt Ion: 83 Resp: 26743
 Ion Ratio Lower Upper
 83 100
 55 0.3 63.4 95.2#
 98 0.5 39.0 58.4#



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

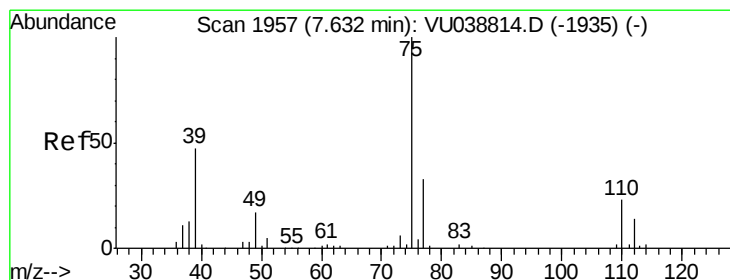
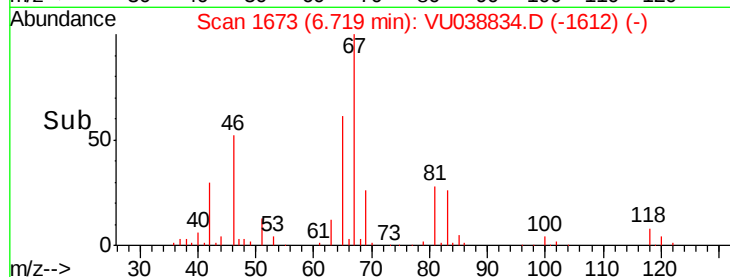
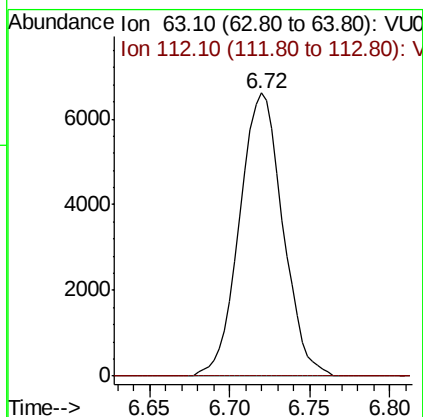
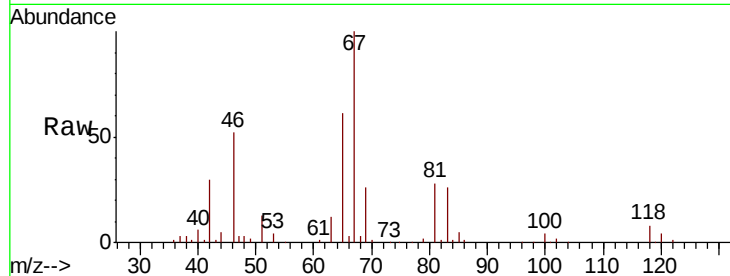




#37
 1,2-Dichloropropane
 Concen: 0.639 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038834.D
 Acq: 11 Jun 2020 18:52

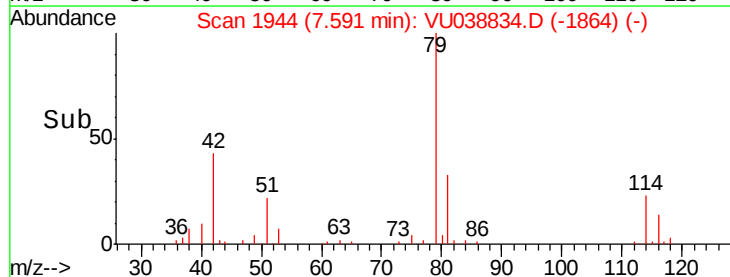
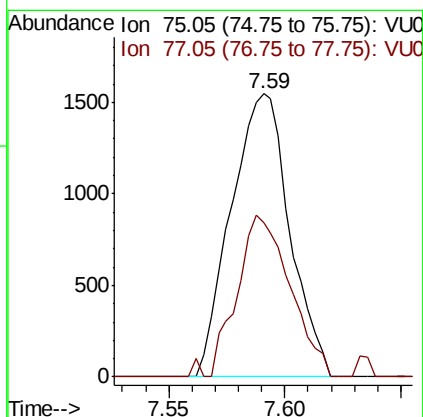
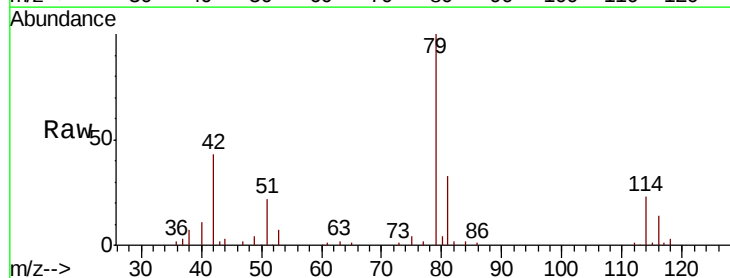
Instrument :
 MSVOA_U
 ClientSampleId :
 BF8Q0

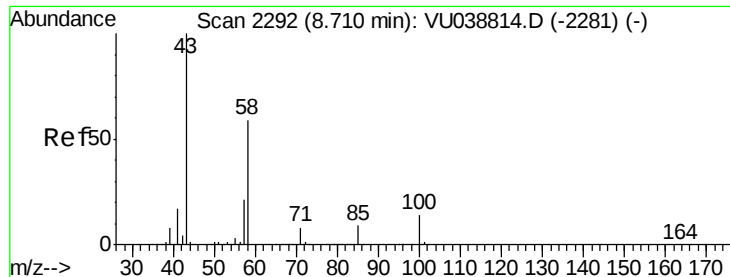
Tot Ion: 63 Resp: 12176
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038834.D
 Acq: 11 Jun 2020 18:52

Tgt Ion: 75 Resp: 2719
 Ion Ratio Lower Upper
 75 100
 77 54.5 21.9 40.7#





#48

2-Hexanone

Concen: 1.030 ug/L

RT: 8.70 min Scan# 2290

Delta R.T. -0.01 min

Lab File: VU038834.D

Acq: 11 Jun 2020 18:52

Instrument :

MSVOA_U

ClientSampleId :

BF8Q0

Tot Ion: 43 Resp: 10635

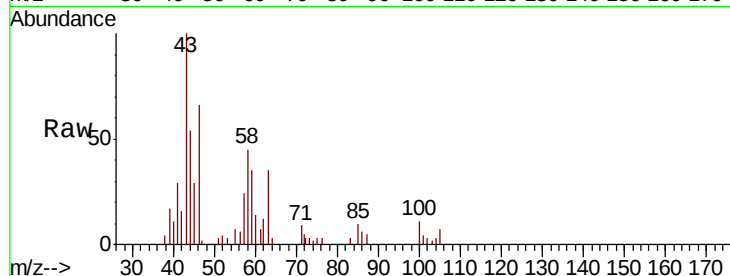
Ion Ratio Lower Upper

43 100

58 42.6 45.4 68.0#

57 23.6 15.9 23.9

100 10.5 10.5 15.7



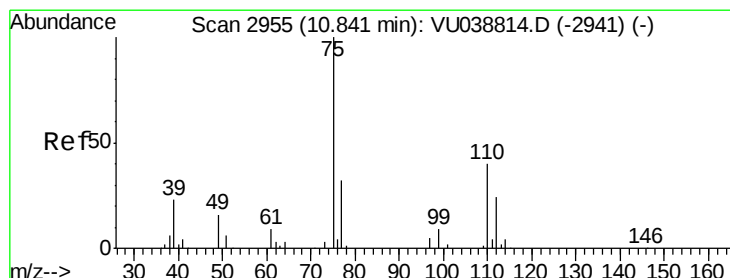
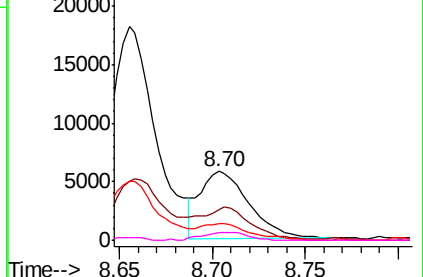
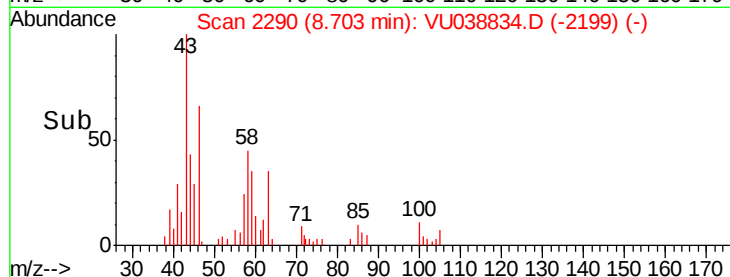
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.182 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038834.D

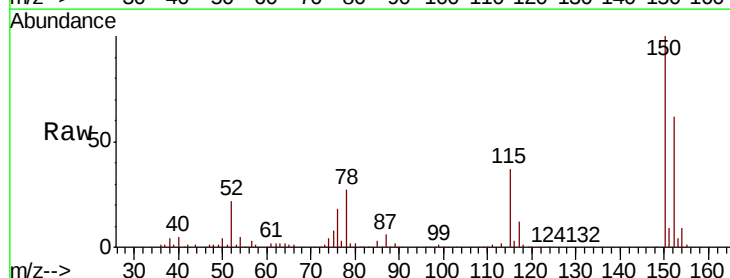
Acq: 11 Jun 2020 18:52

Tgt Ion: 75 Resp: 16814

Ion Ratio Lower Upper

75 100

77 38.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Time-->

