

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038169.D
 Acq On : 14 May 2020 15:09
 Operator : JC/MD
 Sample : L2631-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:08:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	313879	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	309107	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	141667	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	106315	3.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.00%
7) Chloroethane-d5	1.93	69	108817	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.59	63	148882	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.66	46	440588	62.20	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.40%
24) Chloroform-d	5.10	84	214566	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.74	65	131819	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.76	84	452902	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	151811	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.92	98	389534	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.20	79	54725	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.65	63	358594	63.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	126710	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	150832	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

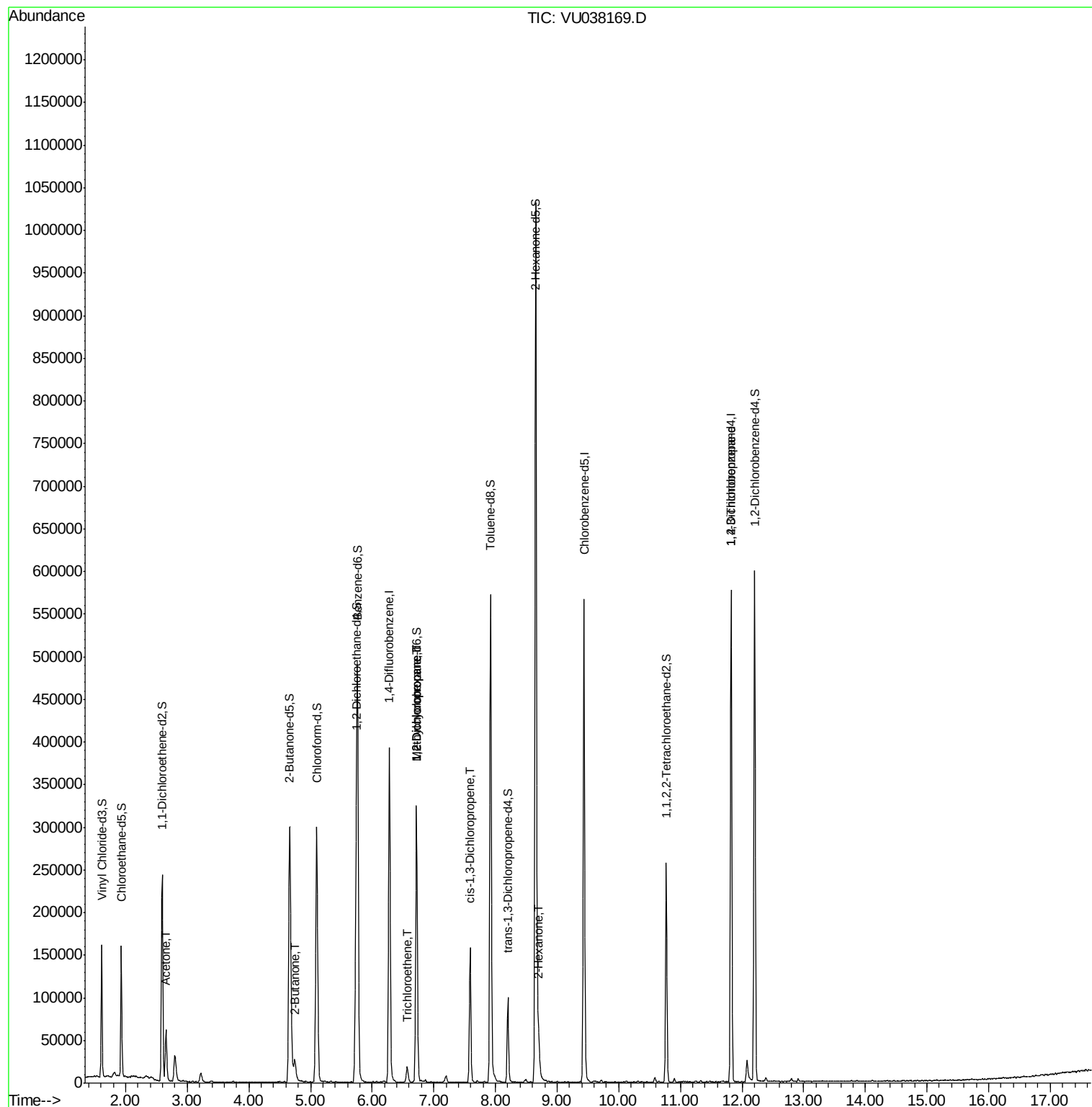
					Ovalue
13) Acetone	2.66	43	71155	16.011 ug/L	99
21) 2-Butanone	4.75	43	33591	4.282 ug/L	100
34) Trichloroethene	6.57	95	4903	0.198 ug/L	92
35) Methylcyclohexane	6.72	83	32968	0.822 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15919	0.592 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3351	0.087 ug/L #	44
48) 2-Hexanone	8.70	43	26322	1.929 ug/L	95
59) 1,2,3-Trichloropropane	11.82	75	19517	1.082 ug/L	89

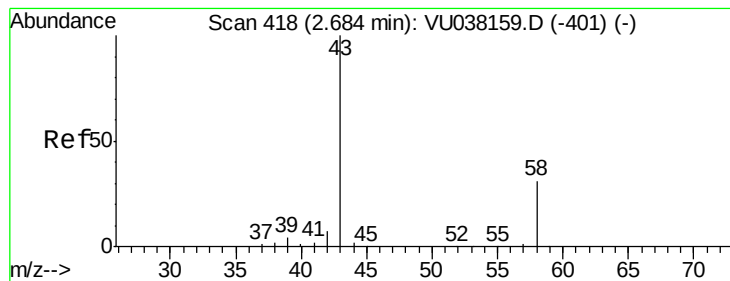
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.011 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038169.D

Acq: 14 May 2020 15:09

Instrument :

MSVOA_U

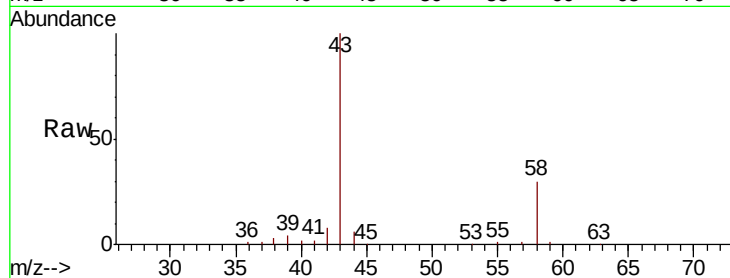
ClientSampleId :

Tot Ion: 43 Resp: 71155

Ion Ratio Lower Upper

43 100

58 31.4 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038169.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038169.D (-401) (-)

2.66

40000

30000

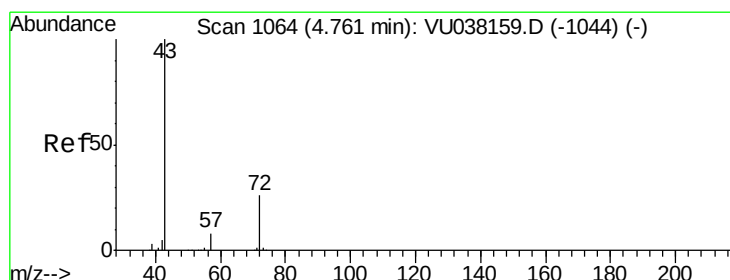
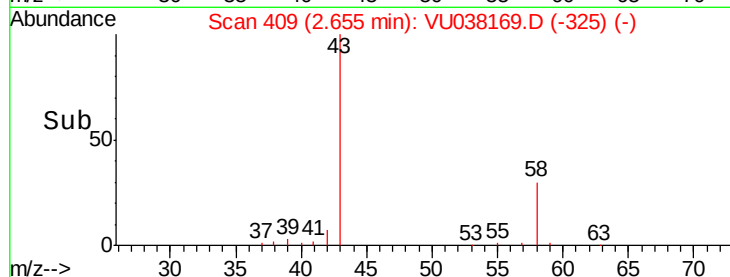
20000

10000

0

2.60 2.65 2.70 2.75

Time-->



#21

2-Butanone

Concen: 4.282 ug/L

RT: 4.75 min Scan# 1059

Delta R.T. -0.02 min

Lab File: VU038169.D

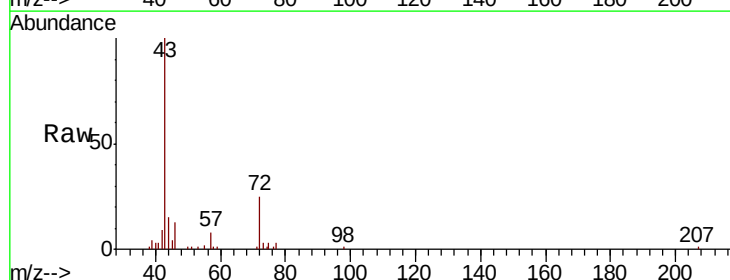
Acq: 14 May 2020 15:09

Tgt Ion: 43 Resp: 33591

Ion Ratio Lower Upper

43 100

72 27.0 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU038169.D (-1044) (-)

Ion 72.10 (71.80 to 72.80): VU038169.D (-1044) (-)

4.75

15000

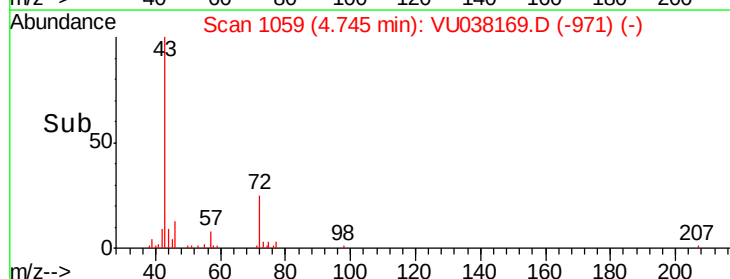
10000

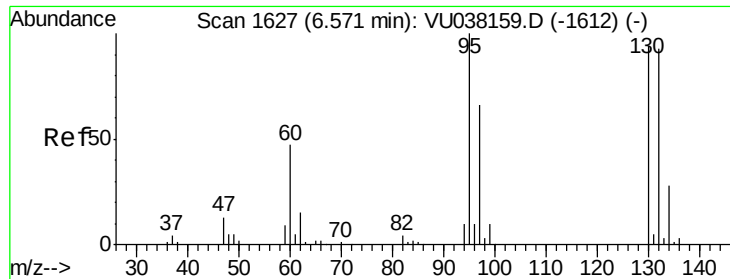
5000

0

4.65 4.70 4.75 4.80 4.85

Time-->





#34

Trichloroethene

Concen: 0.198 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038169.D

Acq: 14 May 2020 15:09

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 95 Resp: 4903

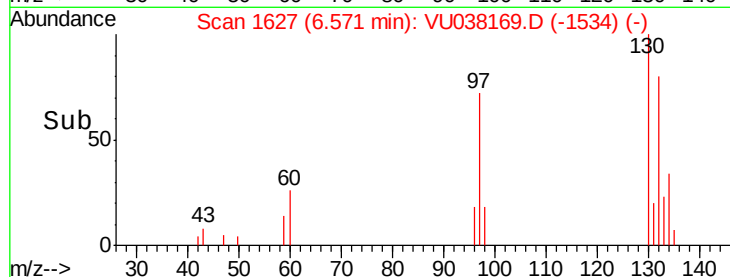
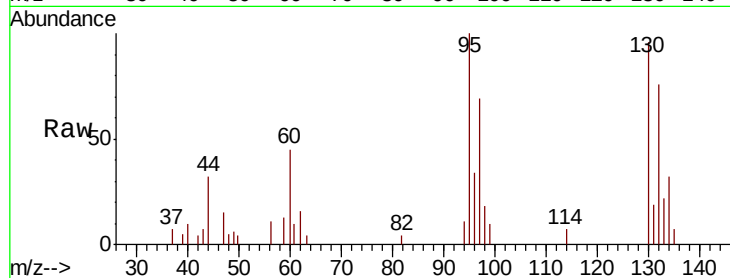
Ion Ratio Lower Upper

95 100

97 68.8 44.9 83.3

132 76.4 63.3 117.5

130 95.7 65.7 122.1

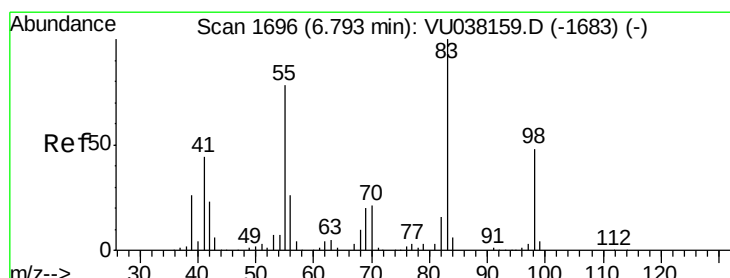
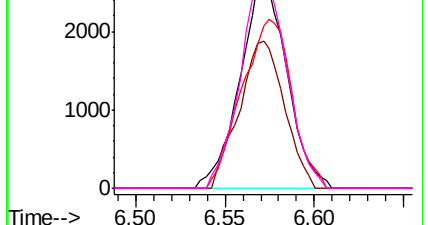


Abundance Ion 95.00 (94.70 to 95.70): VU038169.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038169.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038169.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038169.D (-1534) (-)



#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038169.D

Acq: 14 May 2020 15:09

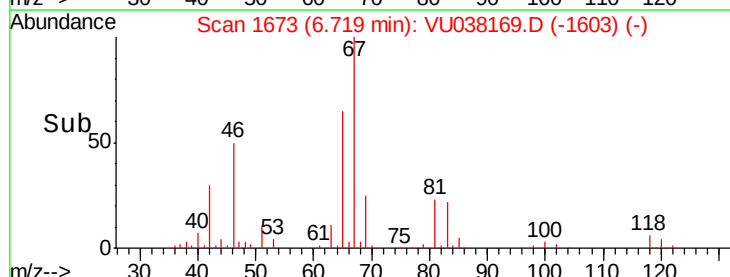
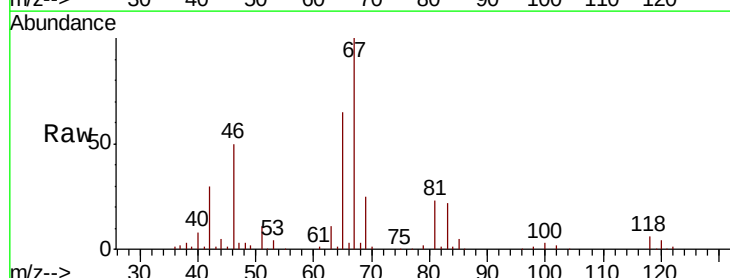
Tgt Ion: 83 Resp: 32968

Ion Ratio Lower Upper

83 100

55 0.5 66.7 100.1#

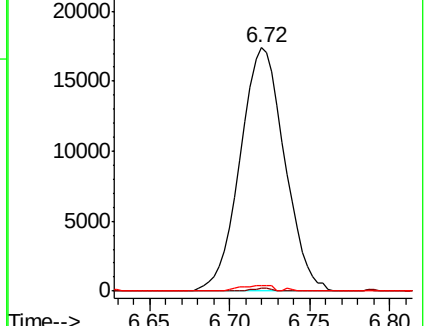
98 1.7 39.4 59.2#

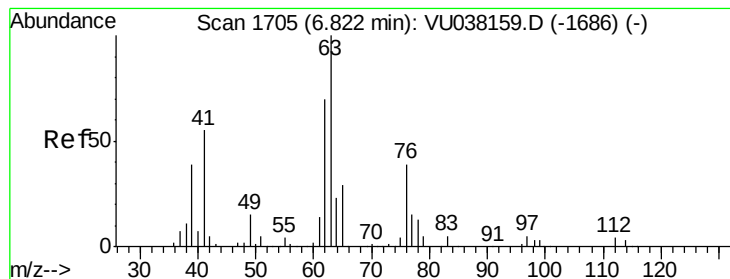


Abundance Ion 83.15 (82.85 to 83.85): VU038169.D (-1603) (-)

Ion 55.10 (54.80 to 55.80): VU038169.D (-1603) (-)

Ion 98.15 (97.85 to 98.85): VU038169.D (-1603) (-)





#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.10 min

Lab File: VU038169.D

Acq: 14 May 2020 15:09

Instrument :

MSVOA_U

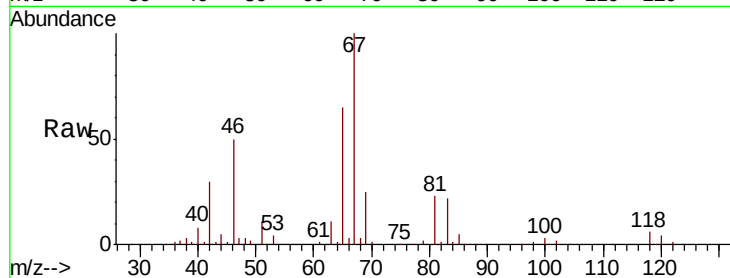
ClientSampleId :

Tot Ion: 63 Resp: 15919

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038169.D (-1673) (-)

Ion 112.10 (111.80 to 112.80): VU038169.D (-1673) (-)

6.72

8000

6000

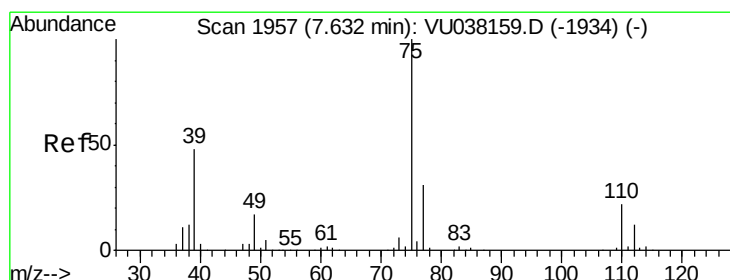
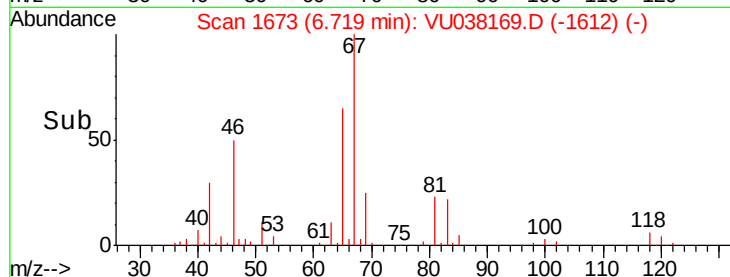
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 7.59 min Scan# 1944

Delta R.T. -0.04 min

Lab File: VU038169.D

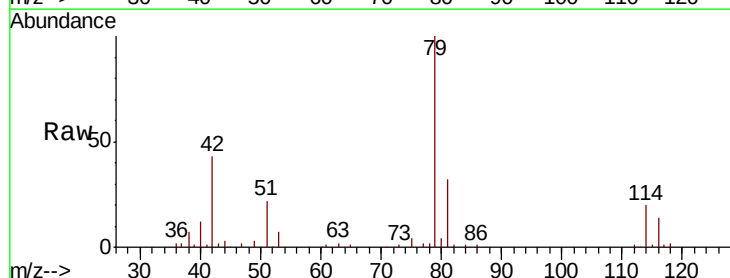
Acq: 14 May 2020 15:09

Tgt Ion: 75 Resp: 3351

Ion Ratio Lower Upper

75 100

77 63.2 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038169.D (-1944) (-)

Ion 77.05 (76.75 to 77.75): VU038169.D (-1944) (-)

7.59

2000

1500

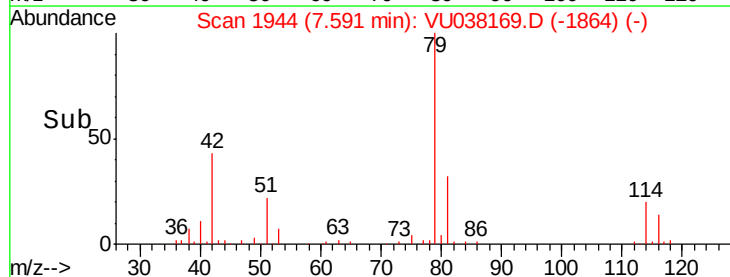
1000

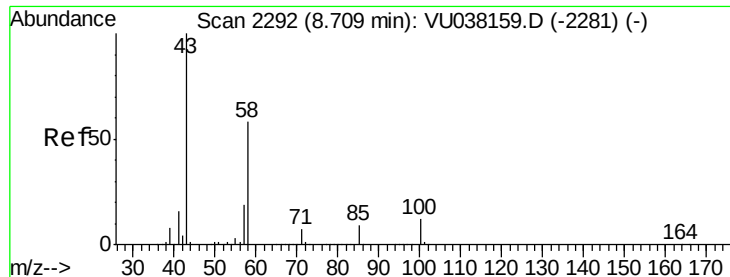
500

0

7.55 7.60 7.65

Time-->

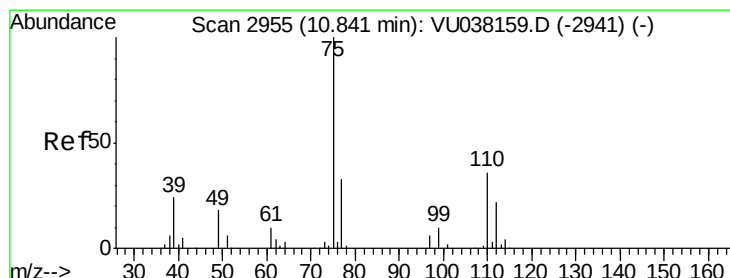
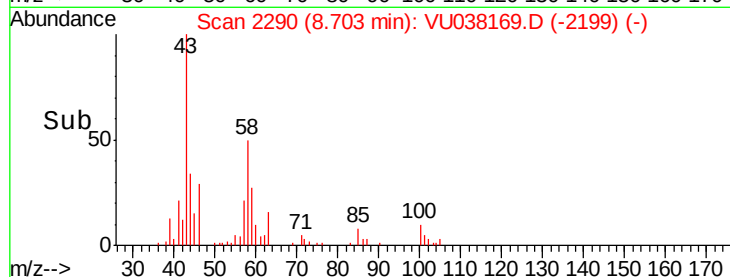
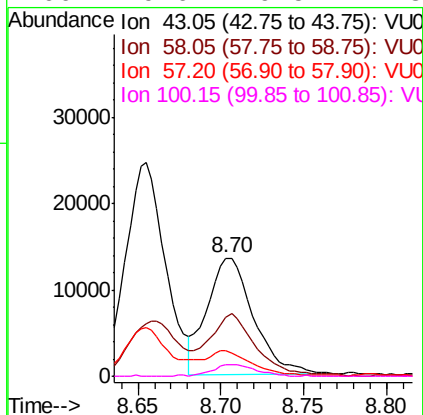
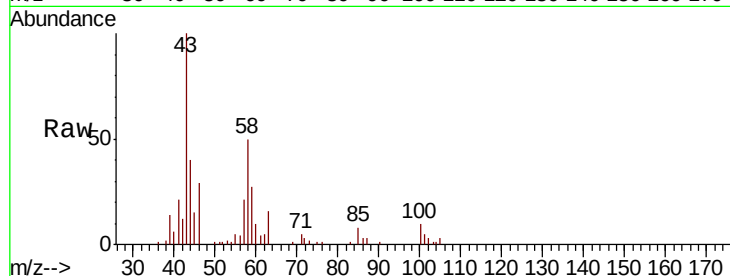




#48
 2-Hexanone
 Concen: 1.929 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: VU038169.D
 Acq: 14 May 2020 15:09

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:	43	Resp:	26322
Ion	Ratio	Lower	Upper
43	100		
58	52.5	45.2	67.8
57	18.7	15.5	23.3
100	9.6	9.5	14.3



#59
 1,2,3-Trichloropropane
 Concen: 1.082 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038169.D
 Acq: 14 May 2020 15:09

Tgt Ion:	75	Resp:	19517
Ion	Ratio	Lower	Upper
75	100		
77	37.6	25.4	38.0

