

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038070.D
 Acq On : 08 May 2020 04:12
 Operator : JC/MD
 Sample : L2528-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 05:01:11 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	357288	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	353580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140917	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.93	69	120185	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.59	63	173566	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.66	46	341377	42.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.68%
24) Chloroform-d	5.10	84	196897	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.74	65	125979	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.76	84	487547	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.72	67	155732	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.92	98	429356	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.20	79	52706	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.65	63	276918	42.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115815	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	149799	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

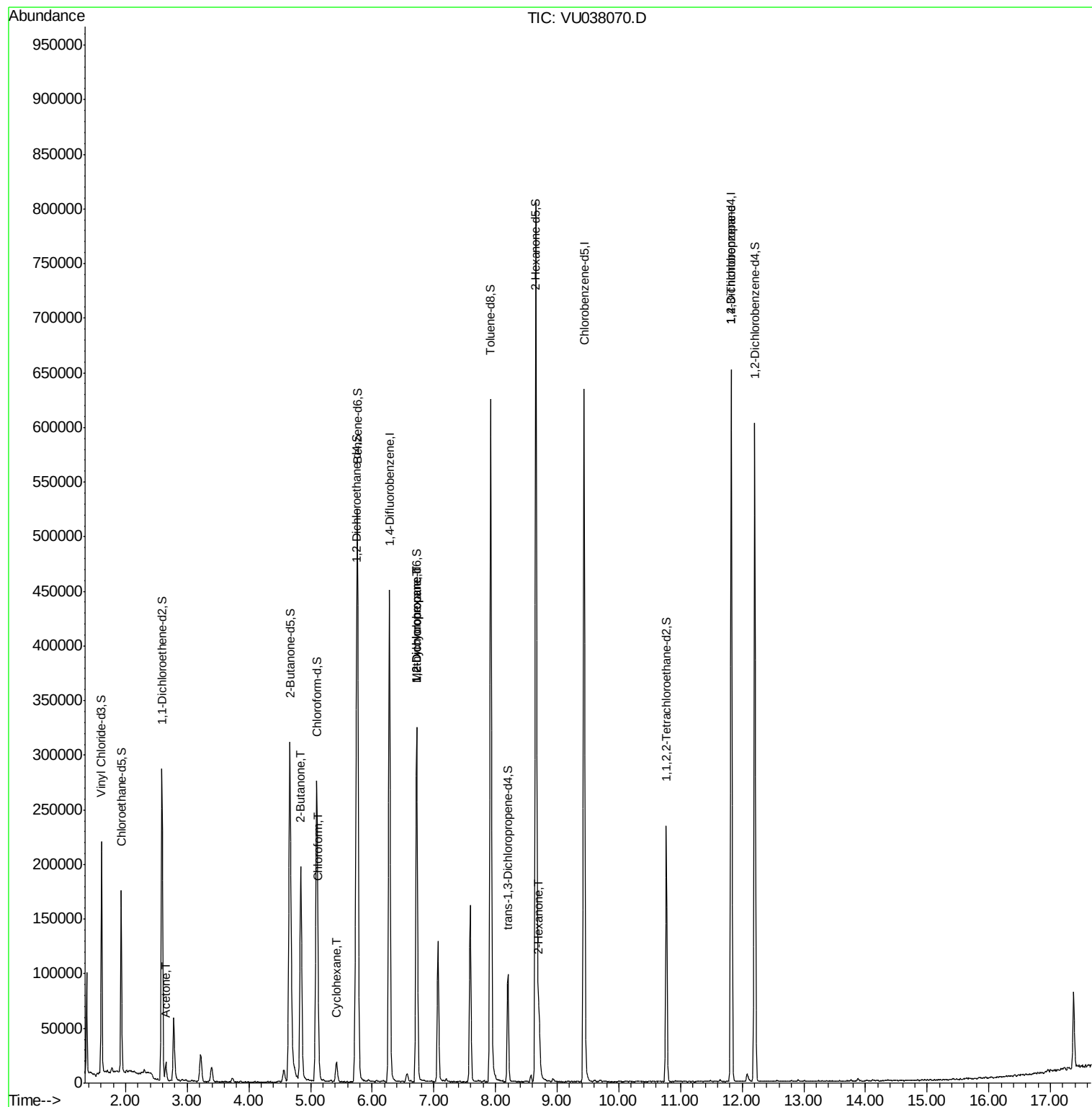
					Ovalue
13) Acetone	2.65	43	16977	3.356 ug/L	93
21) 2-Butanone	4.84	43	253456	28.385 ug/L #	48
25) Chloroform	5.13	83	23957	0.486 ug/L	98
30) Cyclohexane	5.43	56	8672	0.181 ug/L	96
35) Methylcyclohexane	6.72	83	33905	0.739 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15765	0.513 ug/L #	88
48) 2-Hexanone	8.71	43	37743	2.418 ug/L #	91
59) 1,2,3-Trichloropropane	11.82	75	22514	1.091 ug/L	93

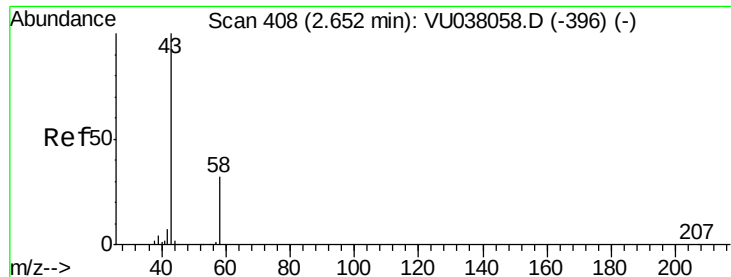
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 08 04:55:51 2020
Response via : Initial Calibration





#13

Acetone

Concen: 3.356 ug/L

RT: 2.65 min Scan# 408

Delta R.T. 0.00 min

Lab File: VU038070.D

Acq: 08 May 2020 04:12

Instrument :

MSVOA_U

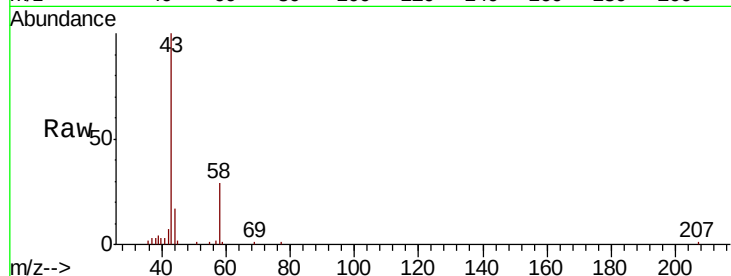
ClientSampleId :

Tot Ion: 43 Resp: 16977

Ion Ratio Lower Upper

43 100

58 35.9 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038070.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VU038070.D (-315) (-)

2.65

12000

10000

8000

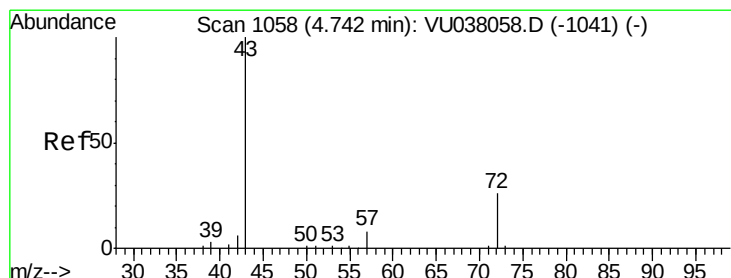
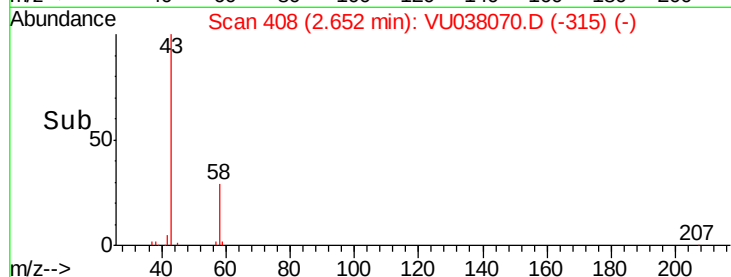
6000

4000

2000

0

Time-->



#21

2-Butanone

Concen: 28.385 ug/L

RT: 4.84 min Scan# 1089

Delta R.T. 0.10 min

Lab File: VU038070.D

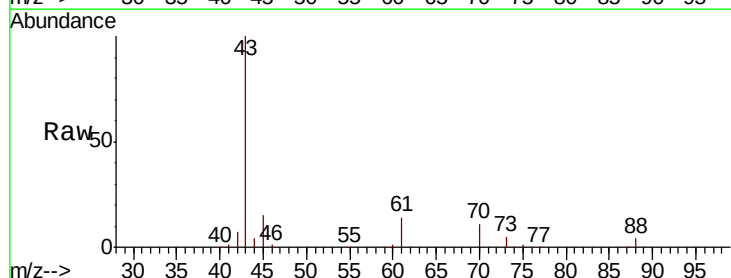
Acq: 08 May 2020 04:12

Tgt Ion: 43 Resp: 253456

Ion Ratio Lower Upper

43 100

72 0.0 13.5 40.4#



Abundance Ion 43.05 (42.75 to 43.75): VU038070.D (-965) (-)

Ion 72.10 (71.80 to 72.80): VU038070.D (-965) (-)

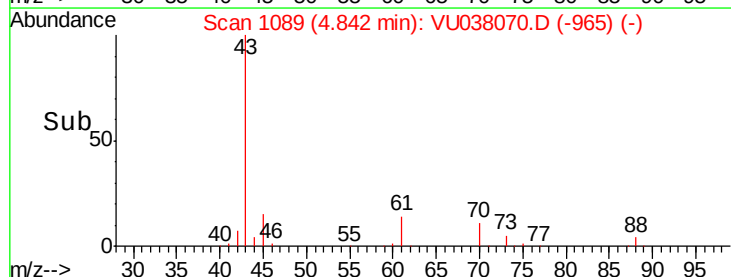
4.84

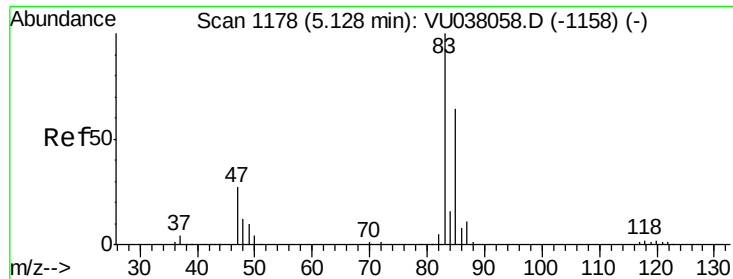
100000

50000

0

Time-->

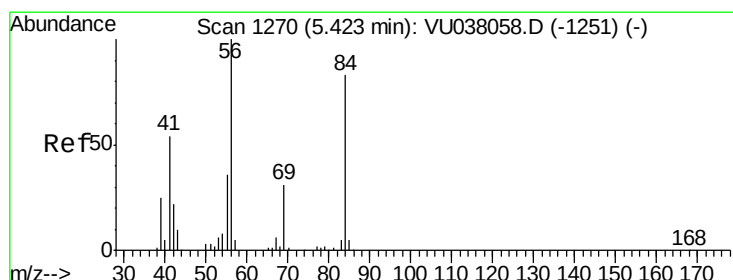
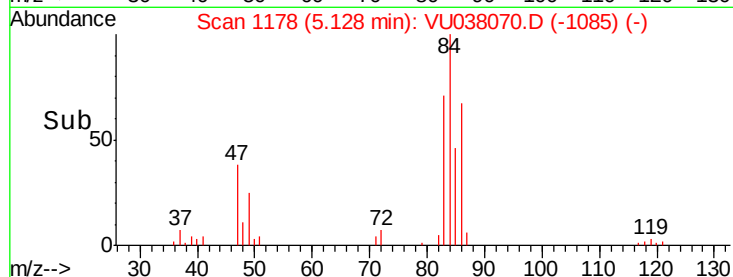
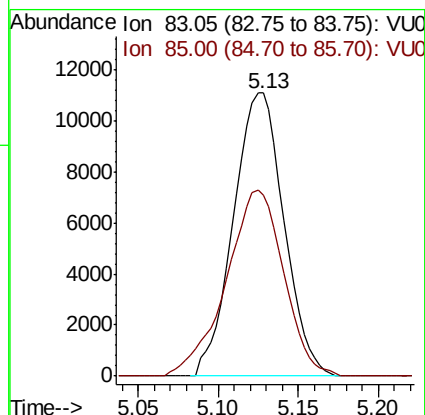
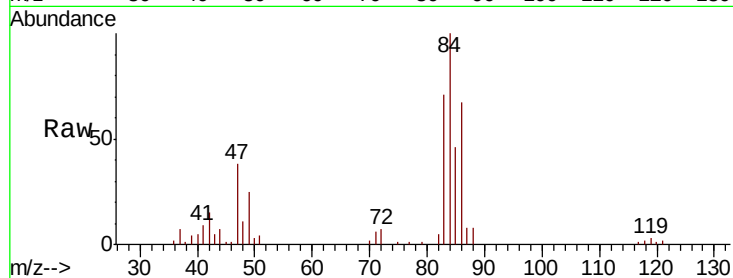




#25
Chloroform
Concen: 0.486 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038070.D
Acq: 08 May 2020 04:12

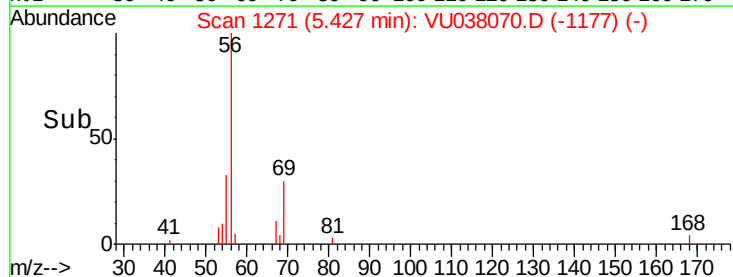
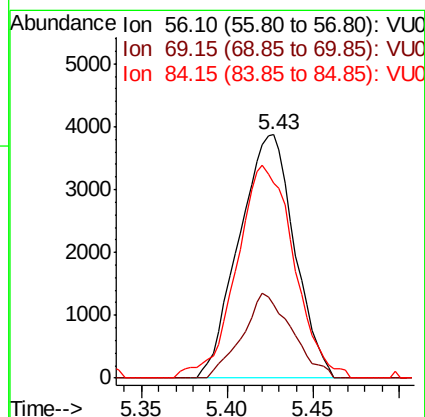
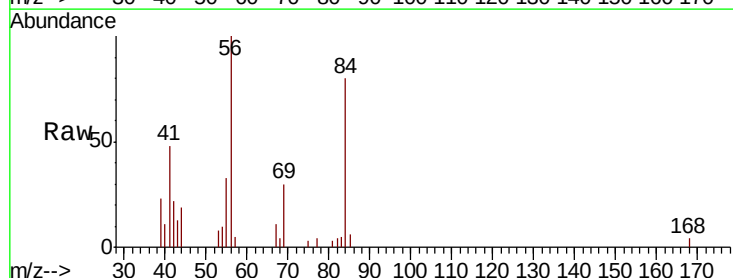
Instrument :
MSVOA_U
ClientSampleId :

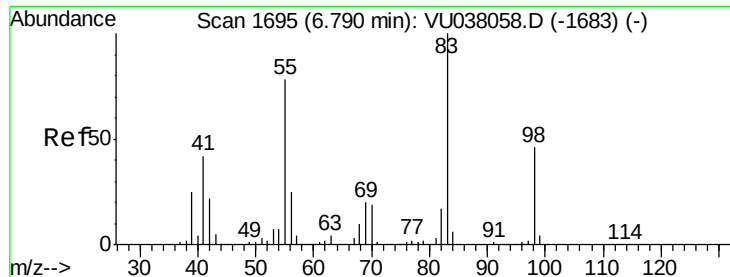
Tot Ion: 83 Resp: 23957
Ion Ratio Lower Upper
83 100
85 64.0 46.2 85.8



#30
Cyclohexane
Concen: 0.181 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038070.D
Acq: 08 May 2020 04:12

Tgt Ion: 56 Resp: 8672
Ion Ratio Lower Upper
56 100
69 31.4 24.2 36.4
84 90.5 68.5 102.7

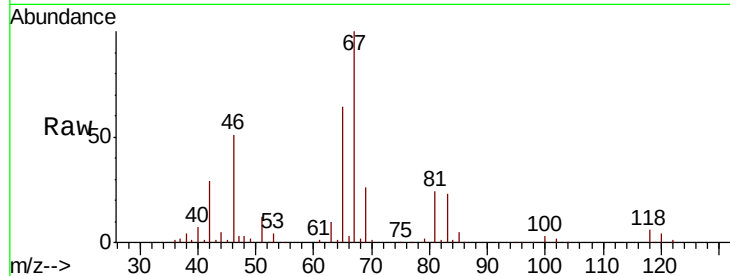




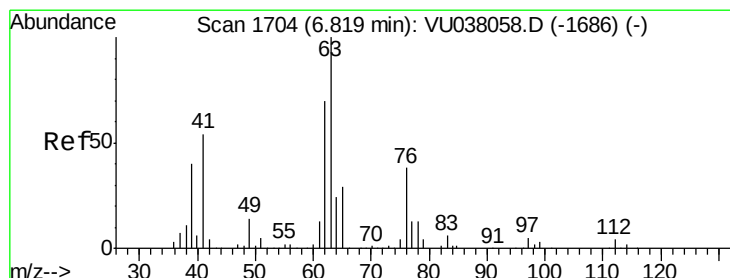
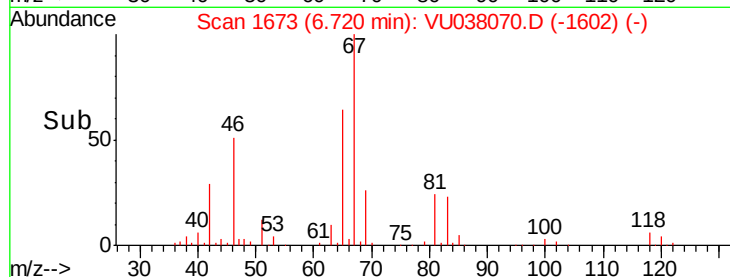
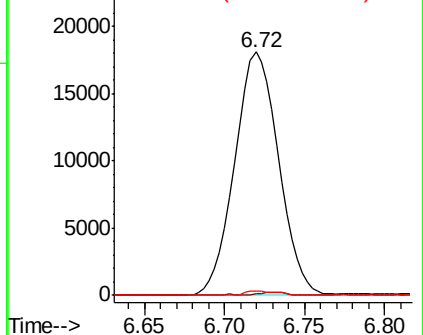
#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038070.D
Acq: 08 May 2020 04:12

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 33905
Ion Ratio Lower Upper
83 100
55 0.8 66.7 100.1#
98 1.3 39.4 59.2#

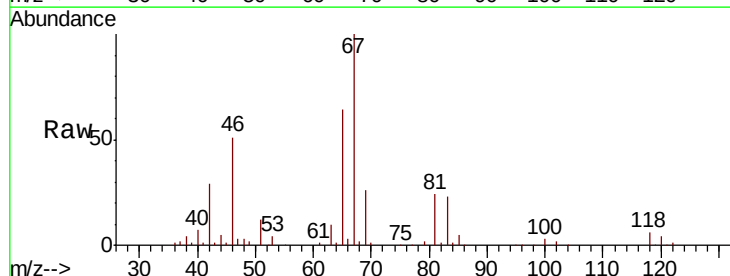


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

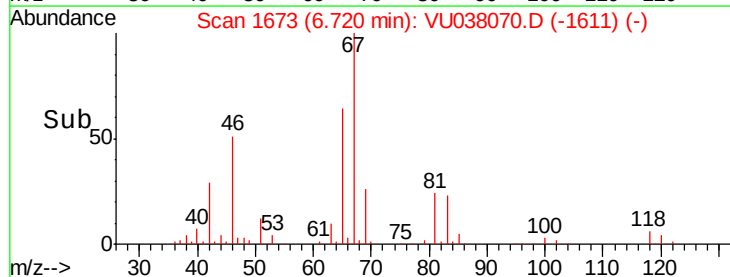
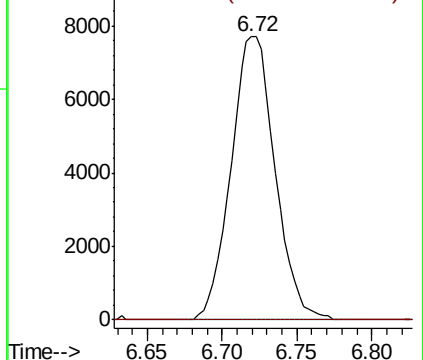


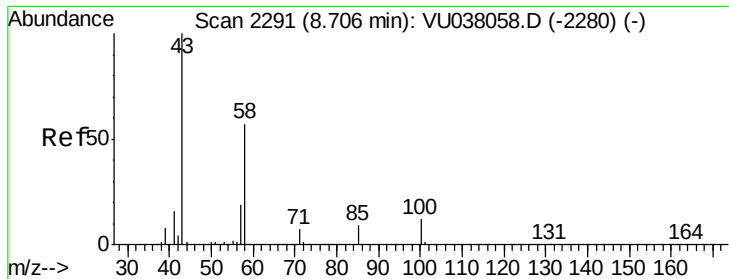
#37
1,2-Dichloropropane
Concen: 0.513 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038070.D
Acq: 08 May 2020 04:12

Tgt Ion: 63 Resp: 15765
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.418 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. 0.00 min

Lab File: VU038070.D

Acq: 08 May 2020 04:12

Instrument :

MSVOA_U

ClientSampled :

Tot Ion: 43 Resp: 37743

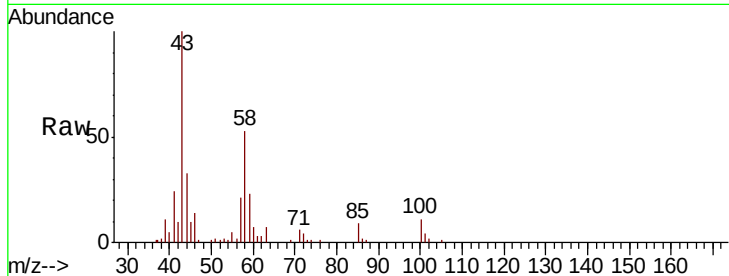
Ion Ratio Lower Upper

43 100

58 49.6 45.2 67.8

57 23.3 15.5 23.3#

100 10.3 9.5 14.3



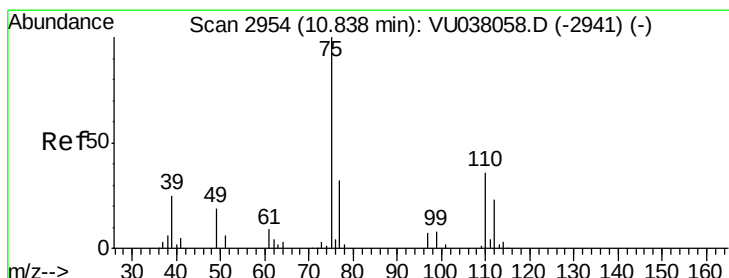
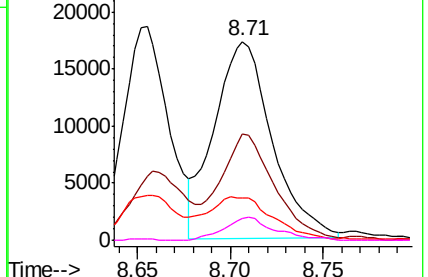
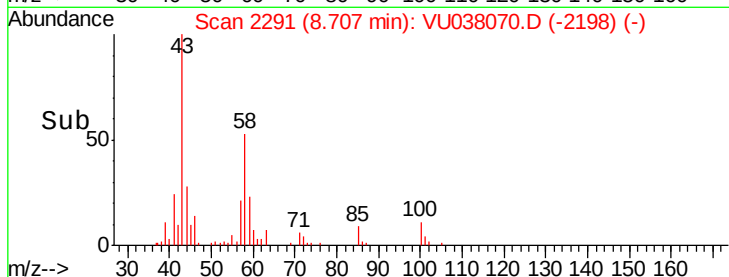
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.091 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038070.D

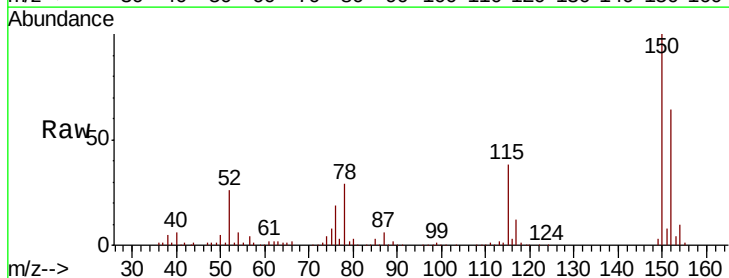
Acq: 08 May 2020 04:12

Tgt Ion: 75 Resp: 22514

Ion Ratio Lower Upper

75 100

77 35.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Time-->

