

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061820\
 Data File : VU038967.D
 Acq On : 18 Jun 2020 14:09
 Operator : SY/MD
 Sample : L3058-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L28

Quant Time: Jun 19 01:19:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 19 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	281042	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.44	117	278040	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129370	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	80999	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.94	69	109191	6.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	133.20%#
11) 1,1-Dichloroethene-d2	2.60	63	186794	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	4.77	46	305448	48.92	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.84%
24) Chloroform-d	5.13	84	185205	4.78	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.76	65	110824	4.96	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.78	84	348937	4.80	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.74	67	114937	5.11	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.93	98	284545	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.21	79	44948	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.67	63	272769	50.29	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.58%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105493	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	121142	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

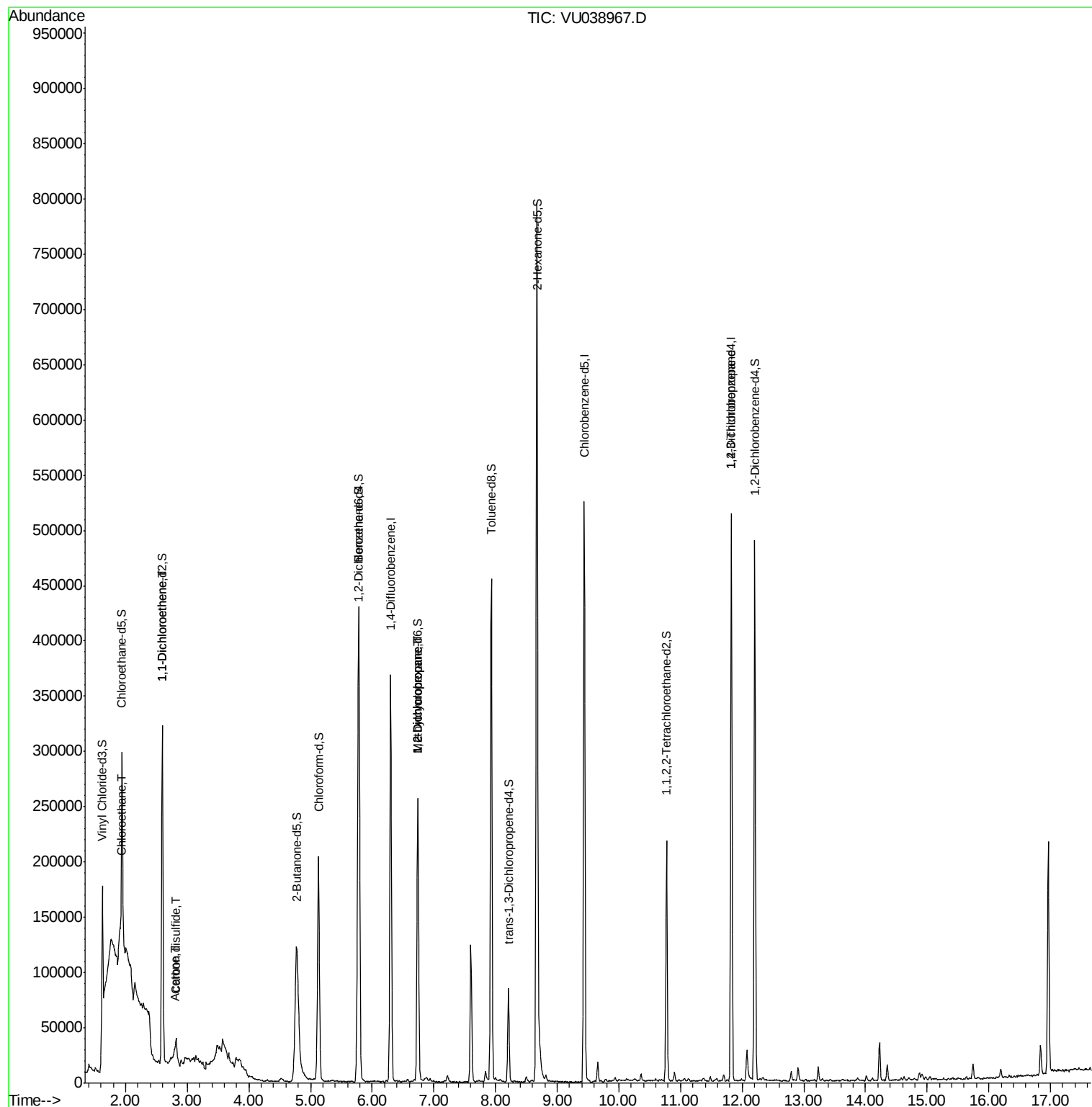
					Ovalue
8) Chloroethane	1.92	64	43428	2.592 ug/L #	52
12) 1,1-Dichloroethene	2.60	96	1326	0.067 ug/L #	1
13) Acetone	2.79	43	31962	7.511 ug/L	86
14) Carbon disulfide	2.82	76	17622	0.264 ug/L #	93
35) Methylcyclohexane	6.74	83	27271	0.816 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	13138	0.606 ug/L #	86
59) 1,2,3-Trichloropropane	11.83	75	16314	0.975 ug/L #	83

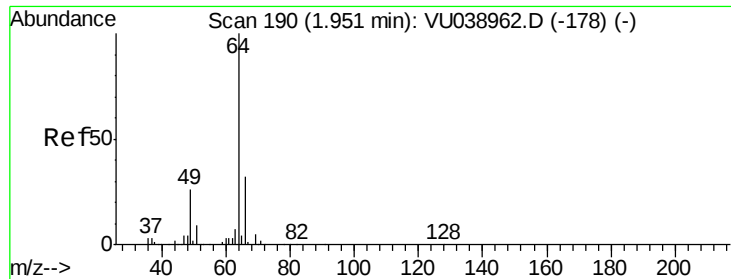
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 2.592 ug/L

RT: 1.92 min Scan# 180

Delta R.T. -0.03 min

Lab File: VU038967.D

Acq: 18 Jun 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

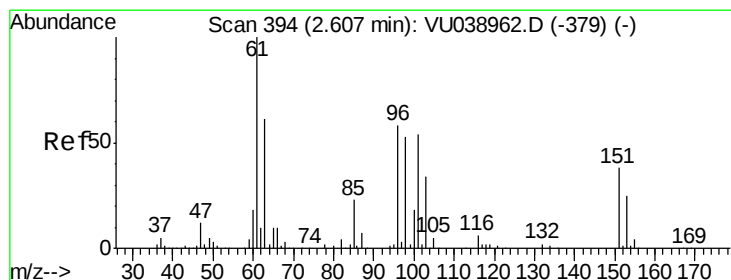
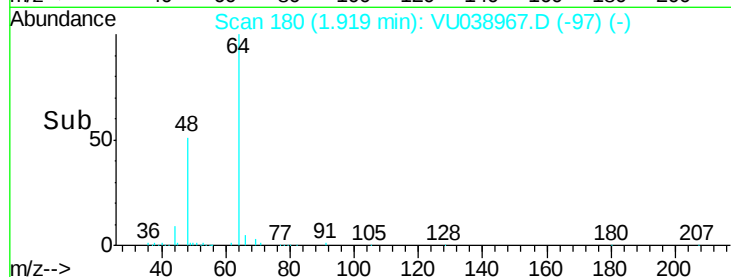
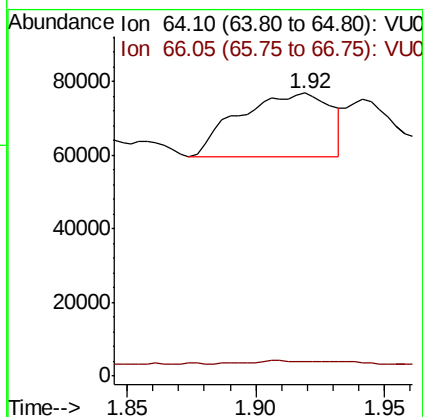
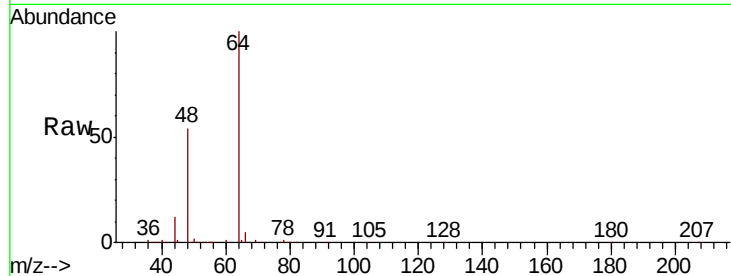
F9L28

Tot Ion: 64 Resp: 43428

Ion Ratio Lower Upper

64 100

66 5.1 22.1 41.1#



#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.60 min Scan# 392

Delta R.T. -0.01 min

Lab File: VU038967.D

Acq: 18 Jun 2020 14:09

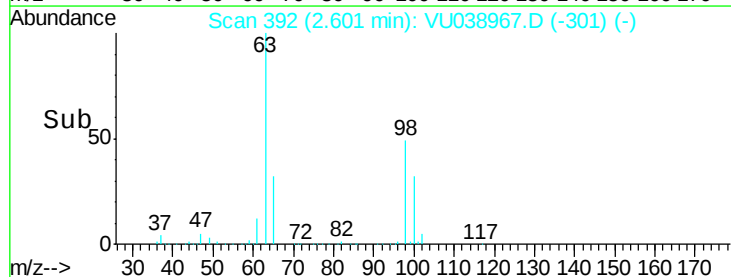
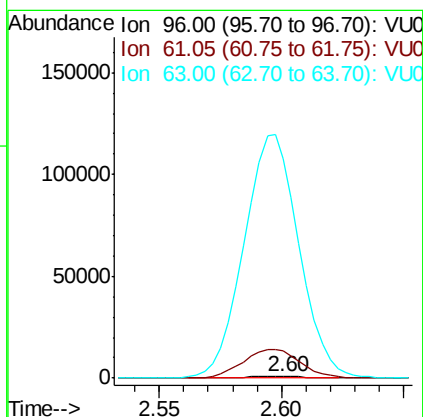
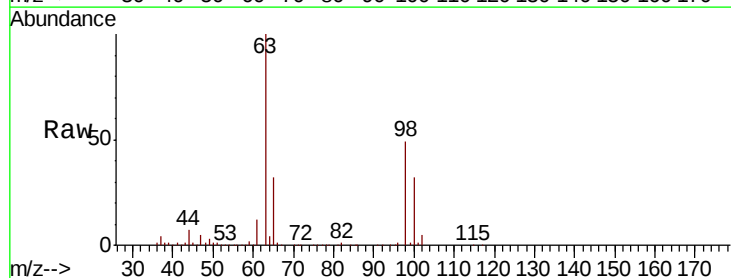
Tgt Ion: 96 Resp: 1326

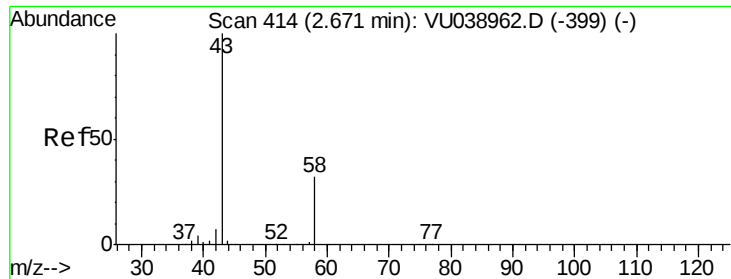
Ion Ratio Lower Upper

96 100

61 1702.8 120.3 223.5#

63 13926.2 78.7 146.1#





#13

Acetone

Concen: 7.511 ug/L

RT: 2.79 min Scan# 452

Delta R.T. 0.12 min

Lab File: VU038967.D

Acq: 18 Jun 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

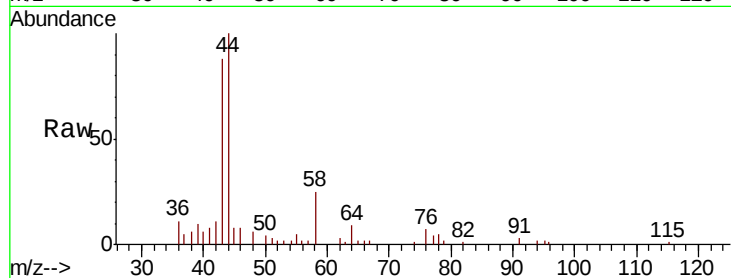
F9L28

Tot Ion: 43 Resp: 31962

Ion Ratio Lower Upper

43 100

58 24.7 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU038967.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038967.D (-321) (-)

2.79

8000

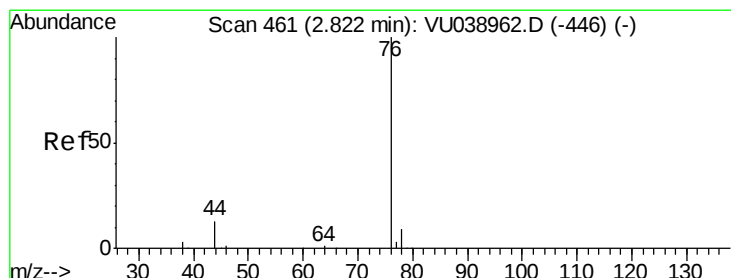
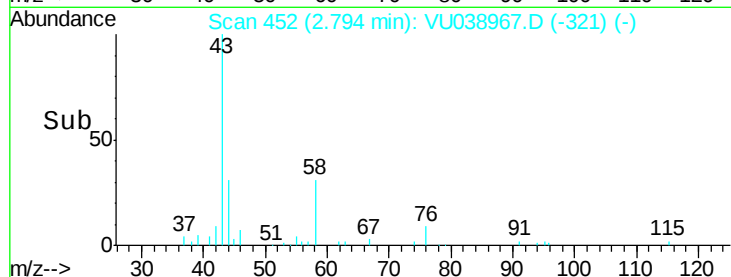
6000

4000

2000

0

Time-->



#14

Carbon disulfide

Concen: 0.264 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038967.D

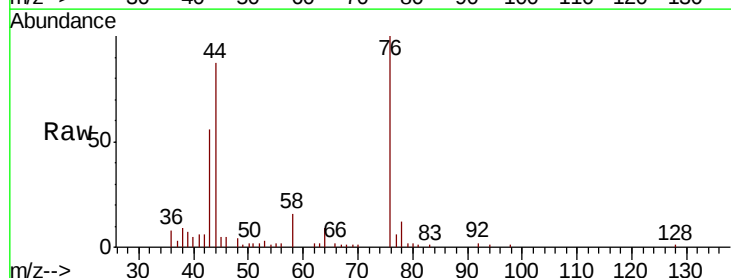
Acq: 18 Jun 2020 14:09

Tgt Ion: 76 Resp: 17622

Ion Ratio Lower Upper

76 100

78 11.8 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038967.D (-368) (-)

Ion 78.00 (77.70 to 78.70): VU038967.D (-368) (-)

12000

10000

8000

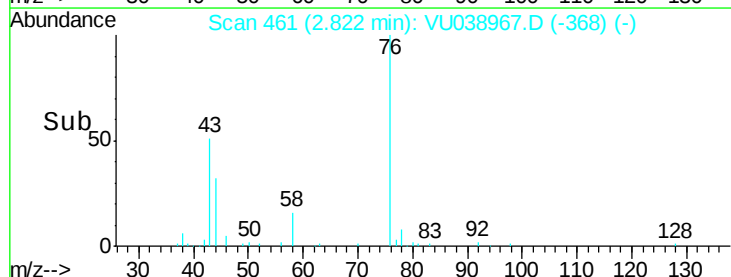
6000

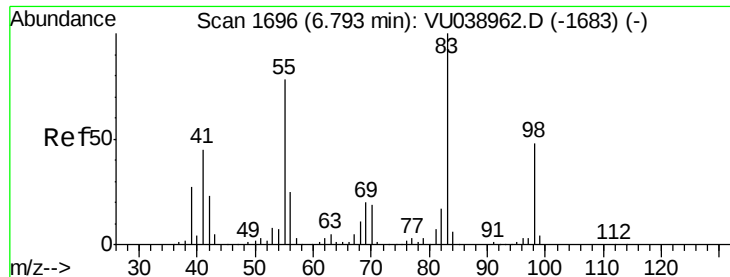
4000

2000

0

Time-->

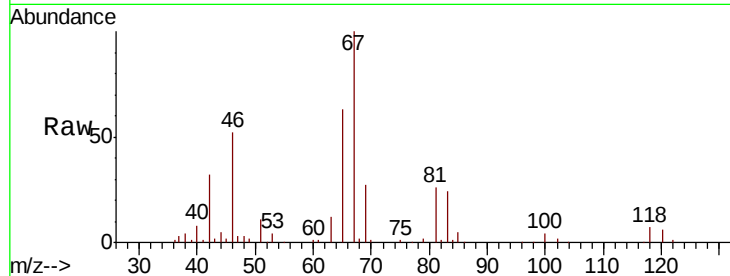




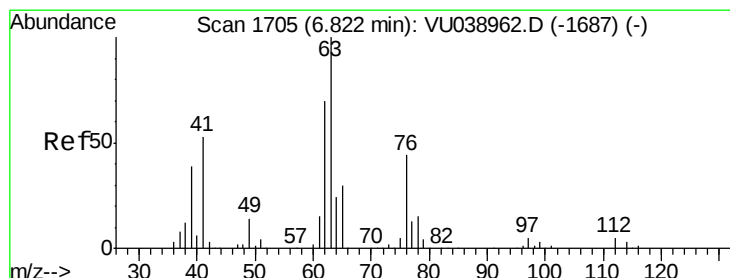
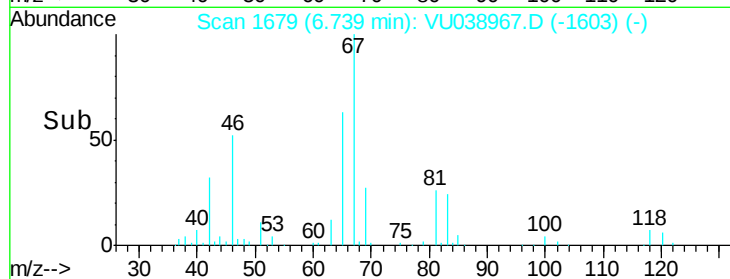
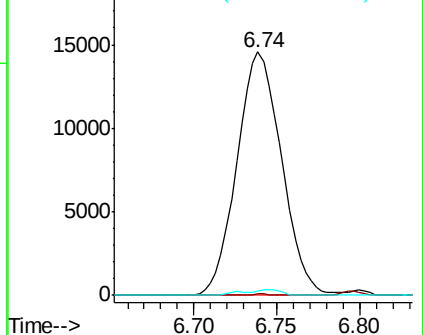
#35
Methvlcvclohexane
Concen: 0.816 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.05 min
Lab File: VU038967.D
Acq: 18 Jun 2020 14:09

Instrument :
MSVOA_U
ClientSampleId :
F9L28

Tot Ion: 83 Resp: 27271
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 1.3 39.3 58.9#

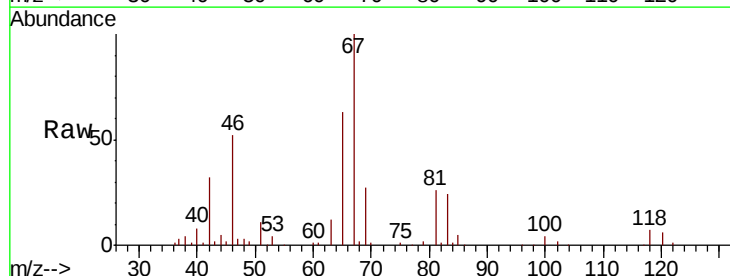


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

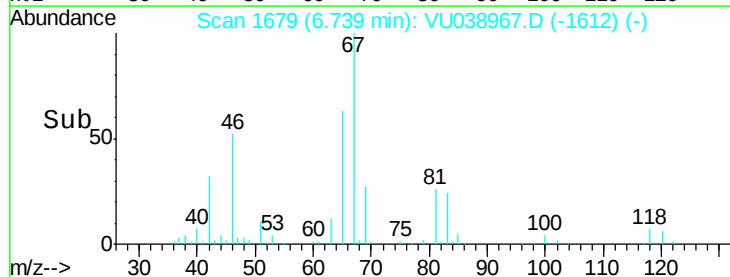
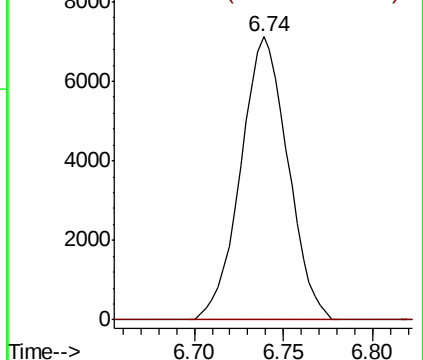


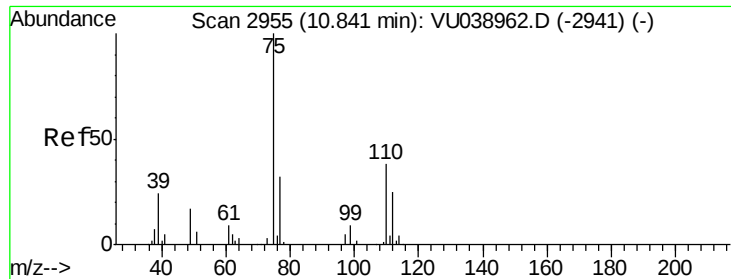
#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.08 min
Lab File: VU038967.D
Acq: 18 Jun 2020 14:09

Tgt Ion: 63 Resp: 13138
Ion Ratio Lower Upper
63 100
112 0.3 3.9 5.9#



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





#59

1,2,3-Trichloropropane

Concen: 0.975 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038967.D

Acq: 18 Jun 2020 14:09

Instrument :

MSVOA_U

ClientSampleId :

F9L28

Tot Ion: 75 Resp: 16314

Ion Ratio Lower Upper

75 100

77 41.4 25.4 38.0#

