

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U063020\
 Data File : VU039243.D
 Acq On : 30 Jun 2020 20:06
 Operator : SY/MD
 Sample : L3116-08RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 01 01:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 01:40:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	209159	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	233454	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	94550	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67770	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.93	69	66634	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	2.59	63	103197	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.67	46	194798	33.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.62%
24) Chloroform-d	5.10	84	126537	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.74	65	77661	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.76	84	242579	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.72	67	76744	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.60%
41) Toluene-d8	7.92	98	200932	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	31503	3.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.80%
46) 2-Hexanone-d5	8.65	63	128560	27.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.42%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	63162	3.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	64.20%#
64) 1,2-Dichlorobenzene-d4	12.20	152	77412	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

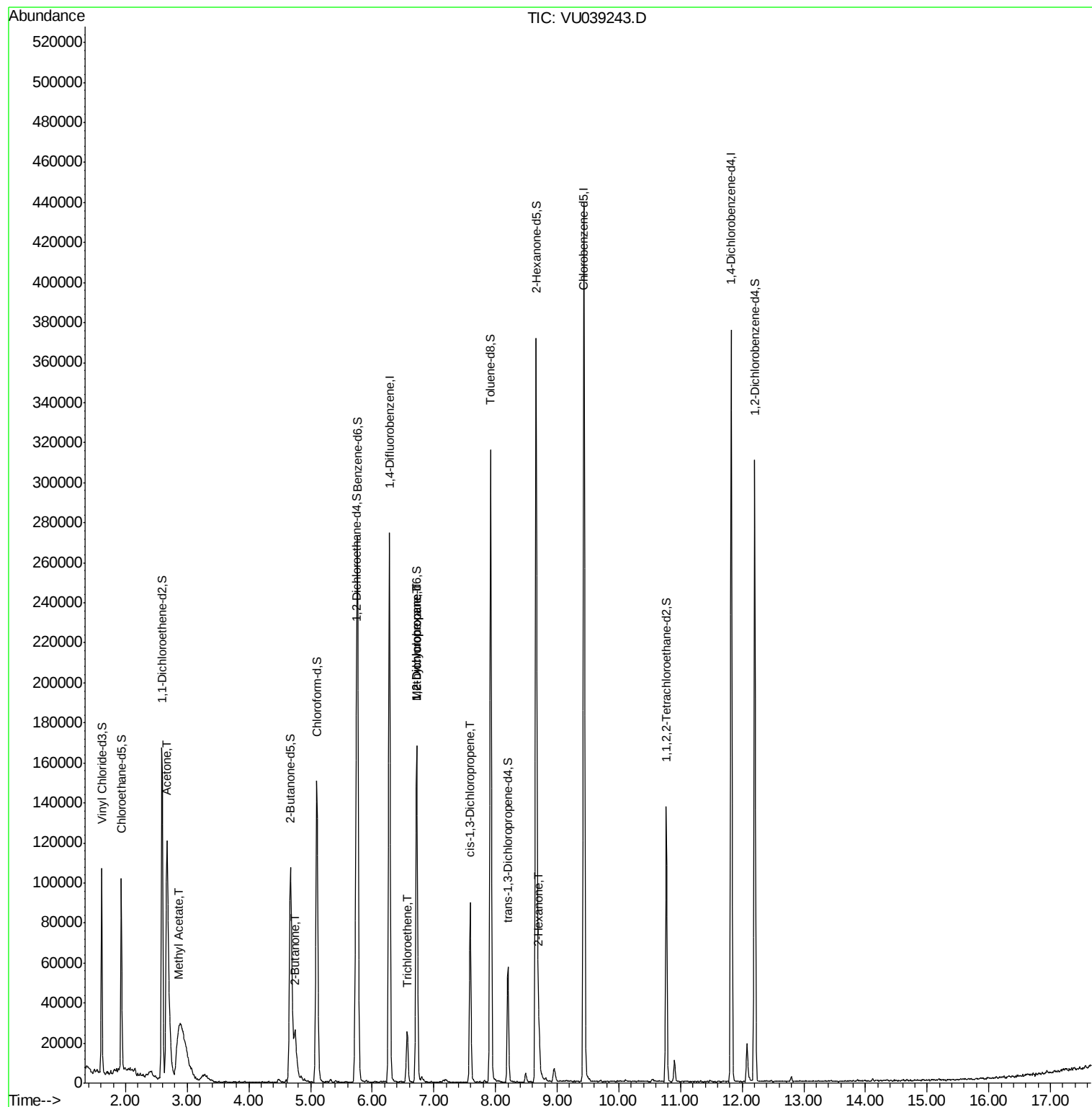
					Ovalue
13) Acetone	2.67	43	241806	67.832	ug/L 99
15) Methyl Acetate	2.86	43	5457	0.648	ug/L # 55
21) 2-Butanone	4.75	43	35967	6.420	ug/L 95
34) Trichloroethene	6.57	95	6864	0.381	ug/L 95
35) Methylcyclohexane	6.72	83	18576	0.690	ug/L # 17
37) 1,2-Dichloropropane	6.72	63	8616	0.465	ug/L # 86
39) cis-1,3-Dichloropropene	7.58	75	2435	0.093	ug/L # 57
48) 2-Hexanone	8.70	43	12192	1.138	ug/L # 79

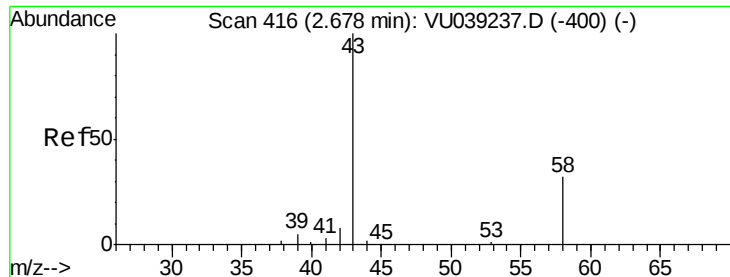
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 67.832 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU039243.D

Acq: 30 Jun 2020 20:06

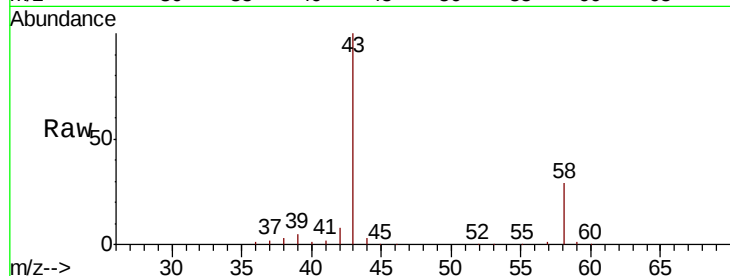
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 241806

Ion Ratio Lower Upper

43 100

58 31.2 0.0 61.0



Abundance Ion 43.05 (42.75 to 43.75): VU039243.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU039243.D (-400) (-)

2.67

80000

60000

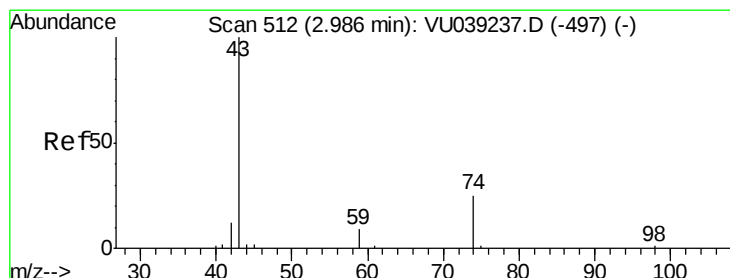
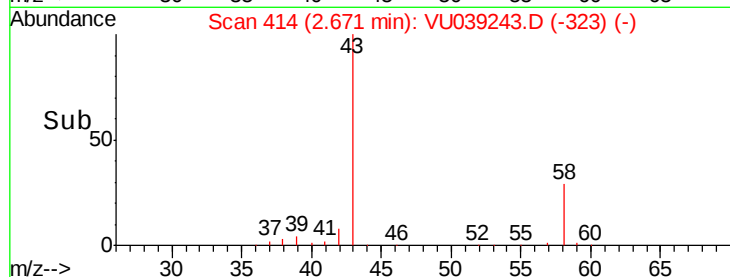
40000

20000

0

2.60 2.70 2.80

Time-->



#15

Methyl Acetate

Concen: 0.648 ug/L

RT: 2.86 min Scan# 472

Delta R.T. -0.13 min

Lab File: VU039243.D

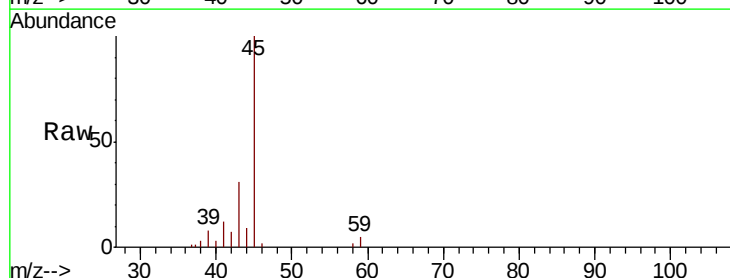
Acq: 30 Jun 2020 20:06

Tgt Ion: 43 Resp: 5457

Ion Ratio Lower Upper

43 100

74 2.1 19.6 29.4#



Abundance Ion 43.05 (42.75 to 43.75): VU039243.D (-497) (-)

Ion 74.05 (73.75 to 74.75): VU039243.D (-497) (-)

2.86

5000

4000

3000

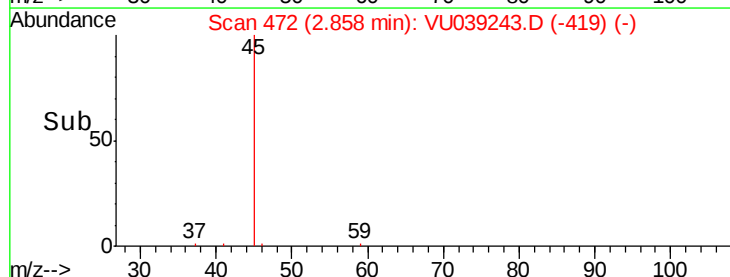
2000

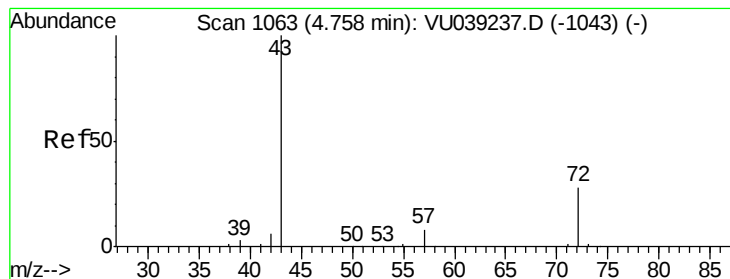
1000

0

2.80 2.85

Time-->





#21

2-Butanone

Concen: 6.420 ug/L

RT: 4.75 min Scan# 1061

Delta R.T. -0.01 min

Lab File: VU039243.D

Acq: 30 Jun 2020 20:06

Instrument :

MSVOA_U

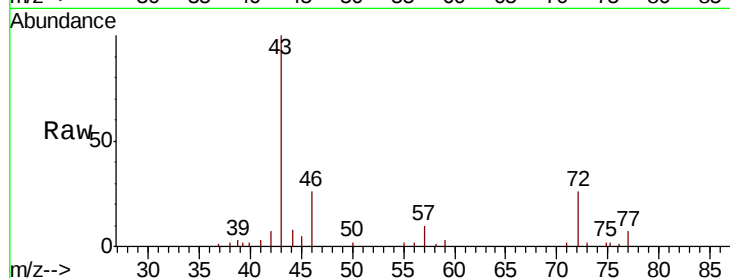
ClientSampled :

Tot Ion: 43 Resp: 35967

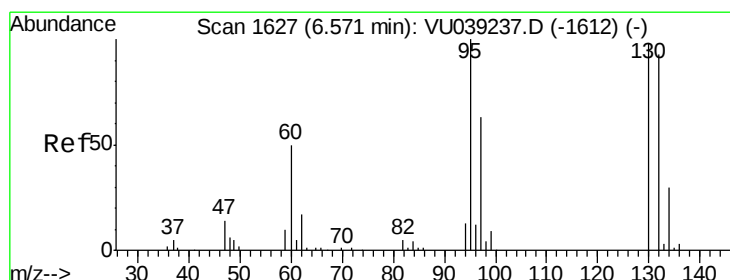
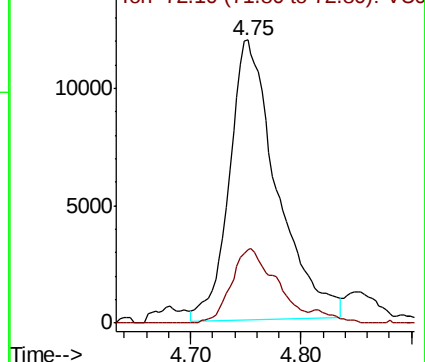
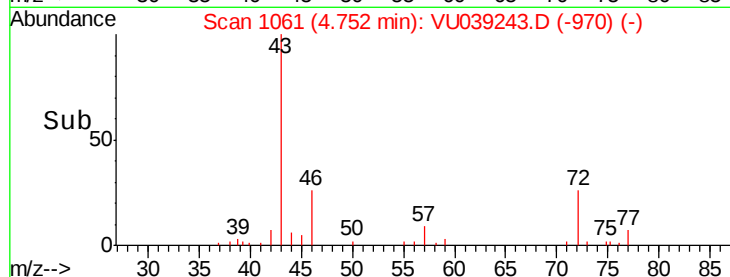
Ion Ratio Lower Upper

43 100

72 24.8 13.7 41.0



Abundance Ion 43.05 (42.75 to 43.75): VU039243.D (-970) (-)



#34

Trichloroethene

Concen: 0.381 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU039243.D

Acq: 30 Jun 2020 20:06

Tgt Ion: 95 Resp: 6864

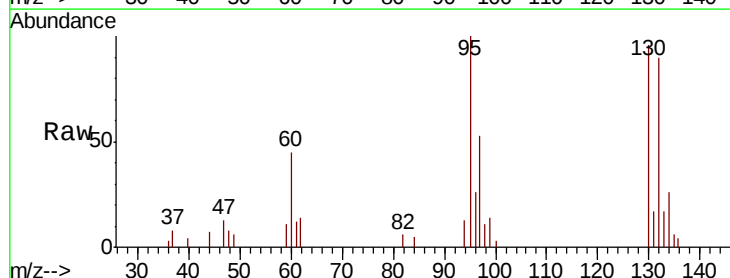
Ion Ratio Lower Upper

95 100

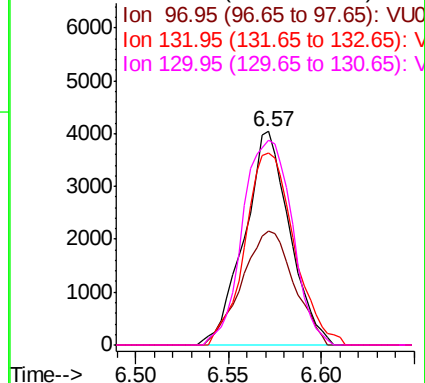
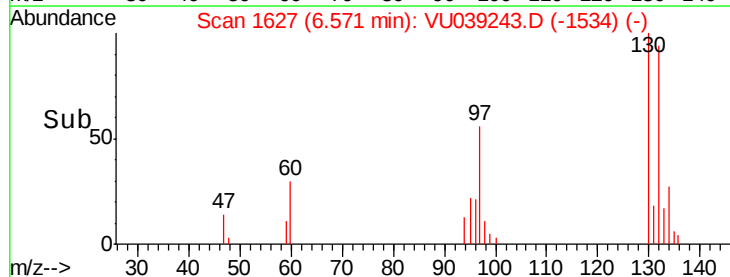
97 53.3 44.0 81.8

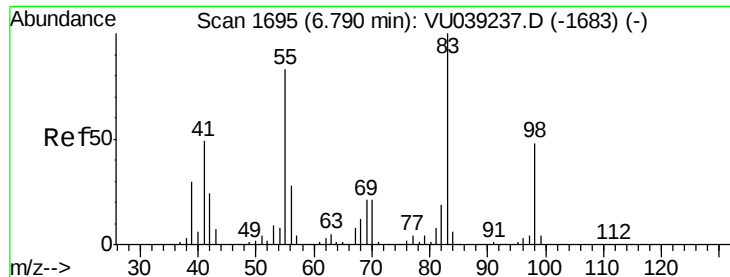
132 89.6 64.9 120.5

130 95.7 68.7 127.5



Abundance Ion 95.00 (94.70 to 95.70): VU039243.D (-1534) (-)

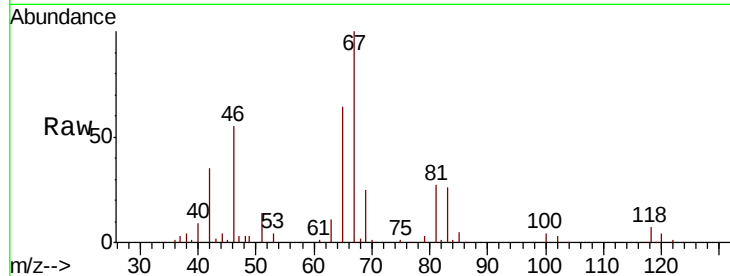




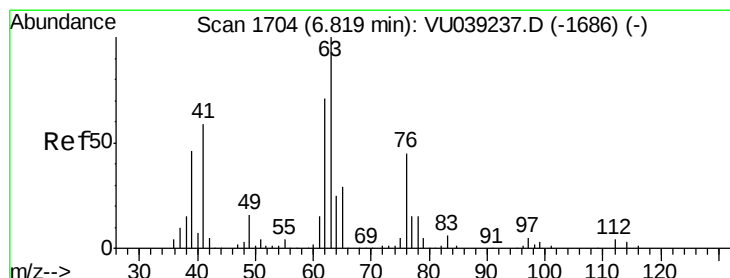
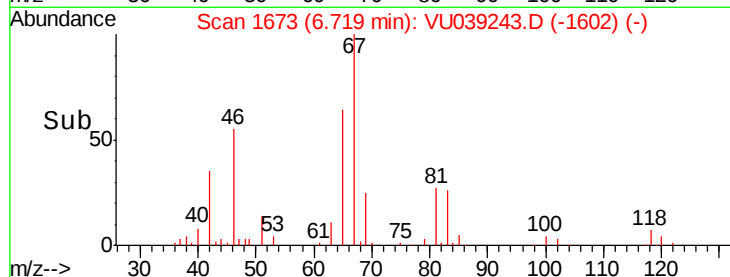
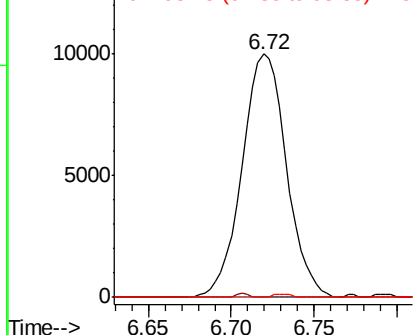
#35
Methvlcvclohexane
Concen: 0.690 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039243.D
Acq: 30 Jun 2020 20:06

Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 18576
Ion Ratio Lower Upper
83 100
55 0.4 64.4 96.6#
98 0.5 37.9 56.9#

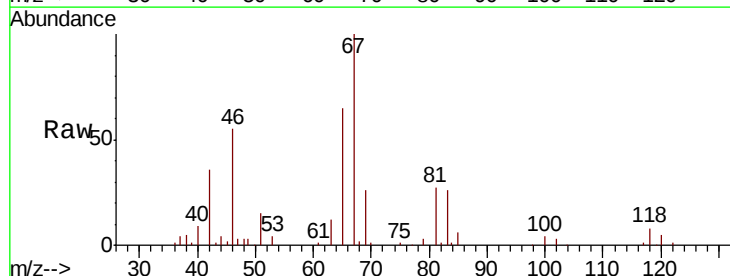


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

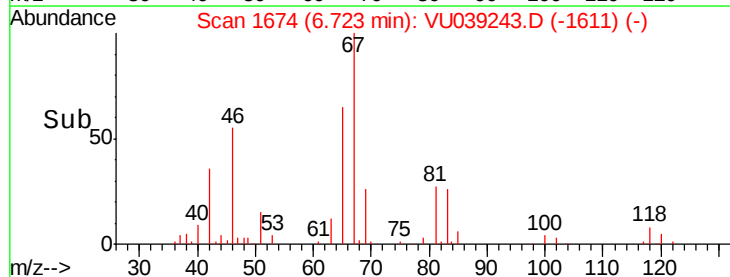
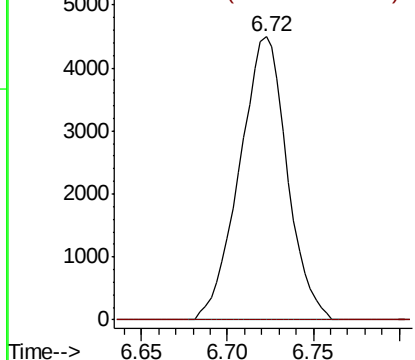


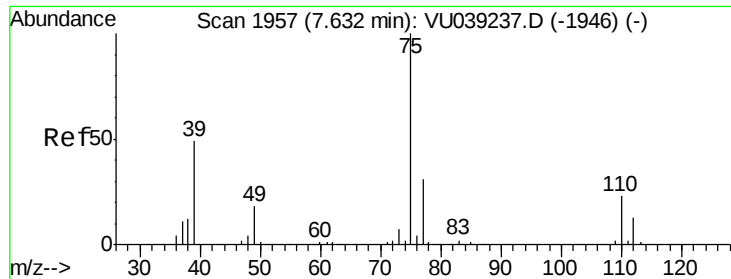
#37
1,2-Dichloropropane
Concen: 0.465 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU039243.D
Acq: 30 Jun 2020 20:06

Tgt Ion: 63 Resp: 8616
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



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

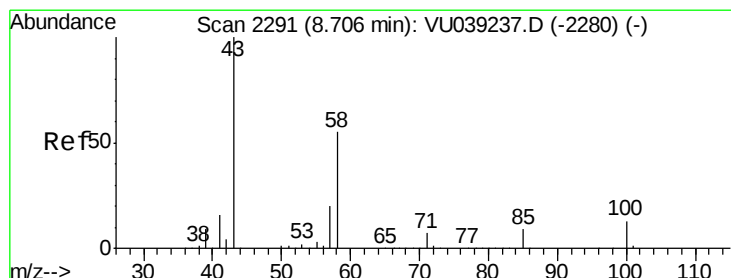
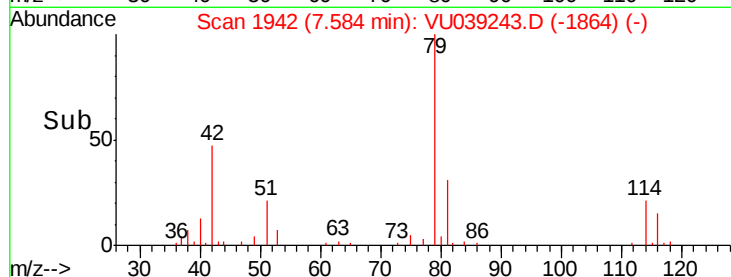
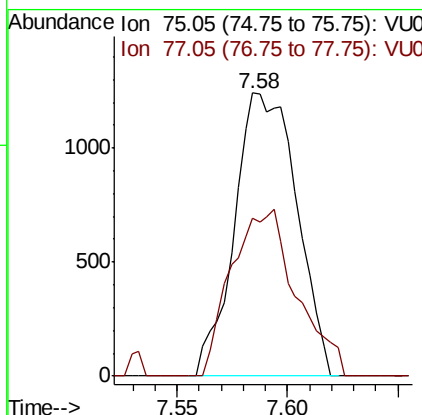
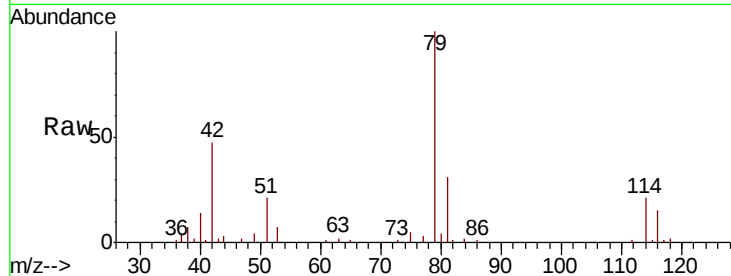




#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.58 min Scan# 1942
 Delta R.T. -0.05 min
 Lab File: VU039243.D
 Acq: 30 Jun 2020 20:06

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 2435
 Ion Ratio Lower Upper
 75 100
 77 56.0 22.5 41.7#



#48
 2-Hexanone
 Concen: 1.138 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU039243.D
 Acq: 30 Jun 2020 20:06

Tgt Ion: 43 Resp: 12192
 Ion Ratio Lower Upper
 43 100
 58 43.3 43.6 65.4#
 57 1.7 15.5 23.3#
 100 7.3 10.0 15.0#

