

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038977.D
 Acq On : 18 Jun 2020 18:00
 Operator : SY/MD
 Sample : L3058-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L43

Quant Time: Jun 19 01:21:19 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	6.28	114	264695	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	331867	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126939	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	71517	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.93	69	71317	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	132091	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.67	46	338997	57.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.30%
24) Chloroform-d	5.10	84	180969	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.74	65	110548	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.76	84	341526	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
36) 1,2-Dichloropropane-d6	6.72	67	109595	4.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.80%
41) Toluene-d8	7.92	98	270636	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	8.20	79	44848	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	8.66	63	276353	42.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105244	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	119385	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

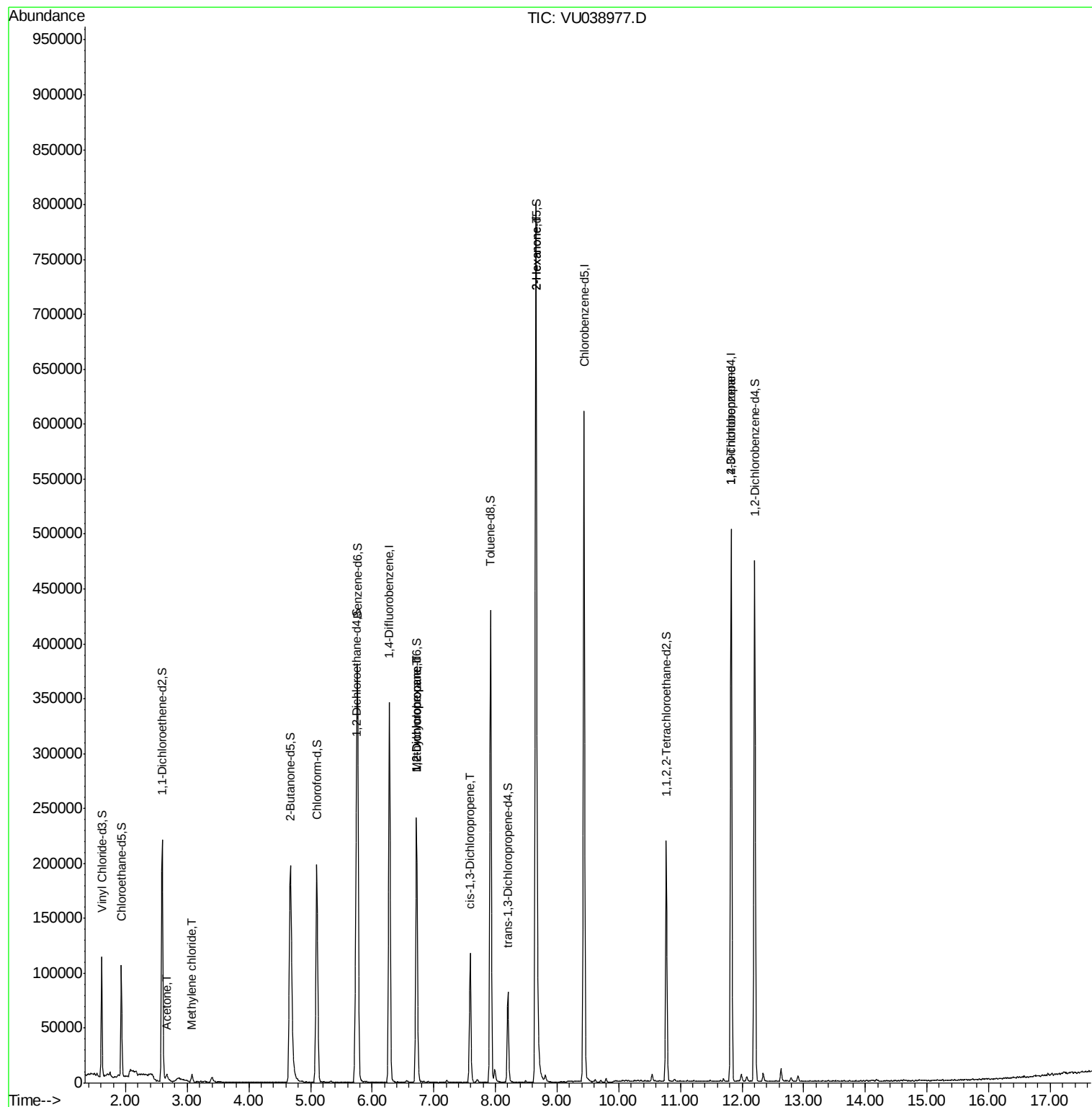
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	9611	2.398	ug/L	68
16) Methylene chloride	3.08	84	2854	0.133	ug/L	87
35) Methylcyclohexane	6.72	83	27471	0.689	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	12445	0.481	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	2878	0.076	ug/L #	36
48) 2-Hexanone	8.65	43	35286	2.611	ug/L #	78
59) 1,2,3-Trichloropropane	11.82	75	15966	0.800	ug/L	90

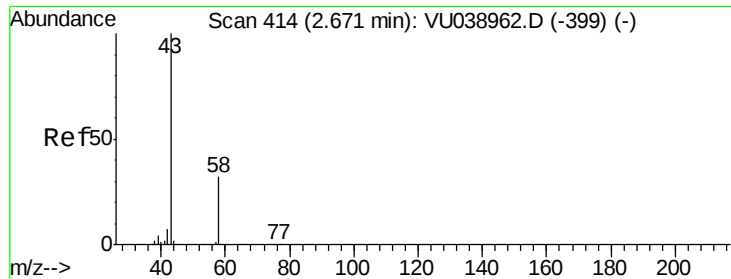
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.398 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.00 min

Lab File: VU038977.D

Acq: 18 Jun 2020 18:00

Instrument :

MSVOA_U

ClientSampleId :

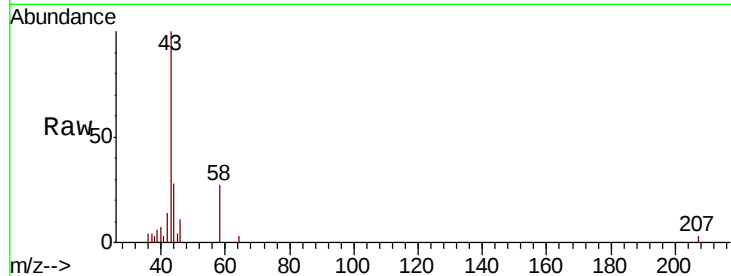
F9L43

Tot Ion: 43 Resp: 9611

Ion Ratio Lower Upper

43 100

58 14.5 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU038977.D (-321) (-)

Ion 58.05 (57.75 to 58.75): VU038977.D (-321) (-)

2.67

4000

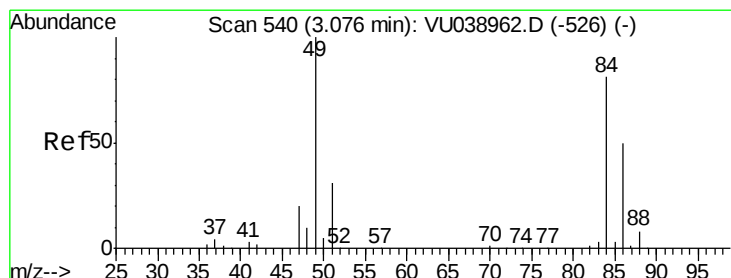
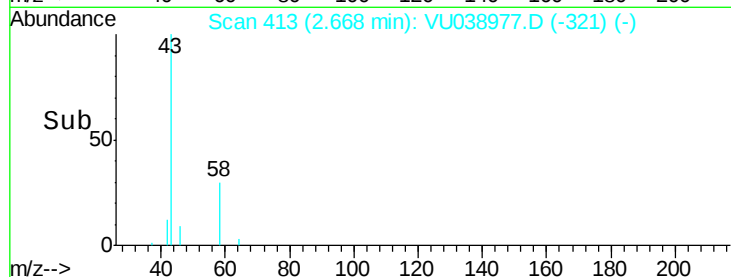
3000

2000

1000

0

Time-->



#16

Methylene chloride

Concen: 0.133 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU038977.D

Acq: 18 Jun 2020 18:00

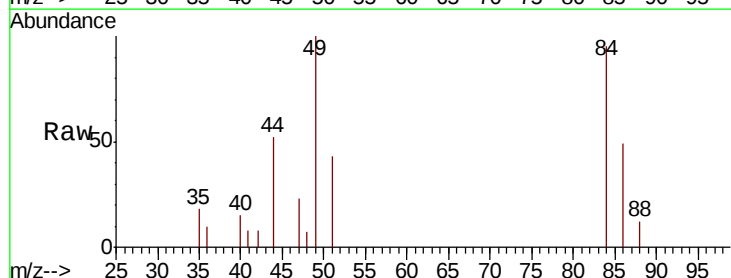
Tgt Ion: 84 Resp: 2854

Ion Ratio Lower Upper

84 100

86 52.3 45.1 83.7

49 105.7 83.7 155.4



Abundance Ion 84.05 (83.75 to 84.75): VU038977.D (-447) (-)

Ion 86.00 (85.70 to 86.70): VU038977.D (-447) (-)

Ion 49.10 (48.80 to 49.80): VU038977.D (-447) (-)

3.08

2500

2000

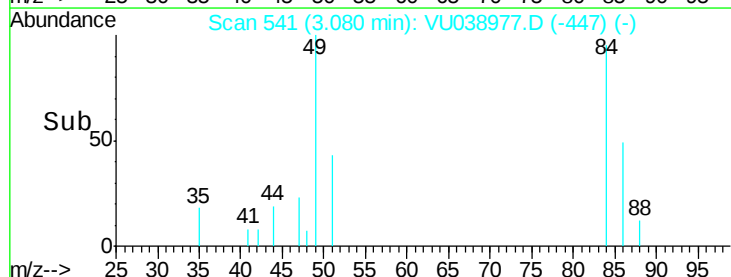
1500

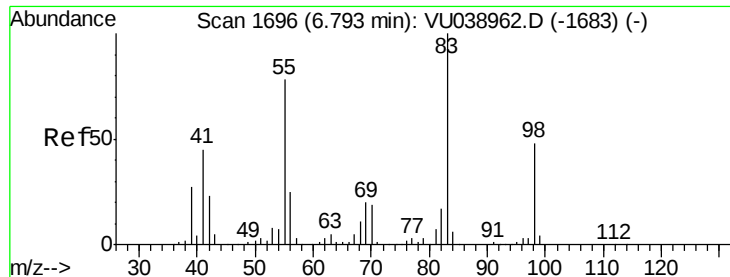
1000

500

0

Time-->

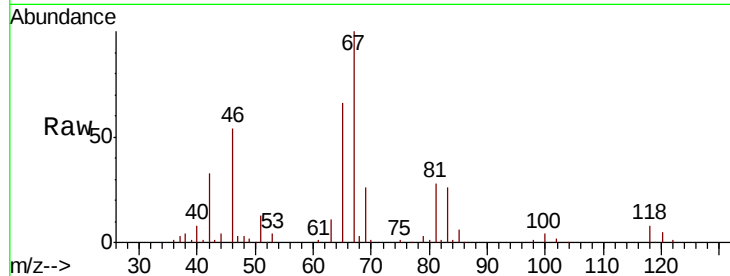




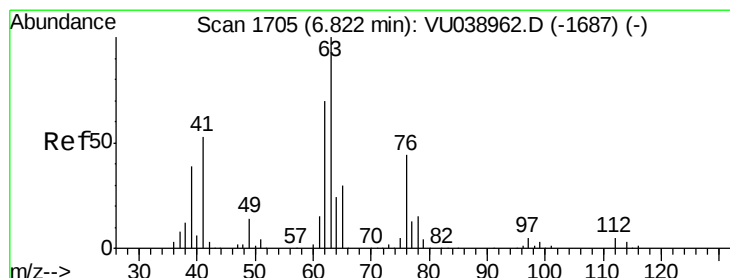
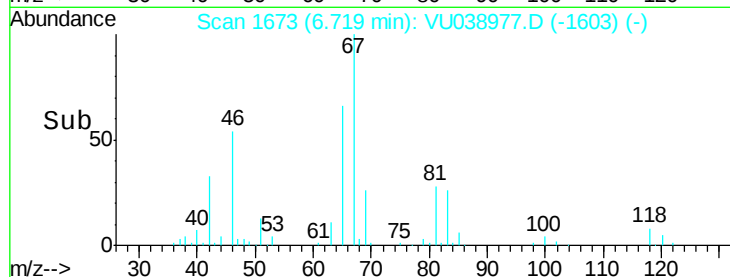
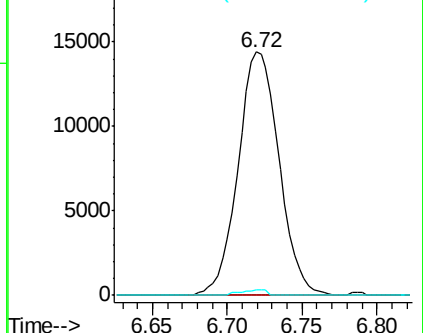
#35
Methvlcvclohexane
Concen: 0.689 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038977.D
Acq: 18 Jun 2020 18:00

Instrument :
MSVOA_U
ClientSampleId :
F9L43

Tot Ion: 83 Resp: 27471
Ion Ratio Lower Upper
83 100
55 0.1 61.8 92.8#
98 1.4 39.3 58.9#

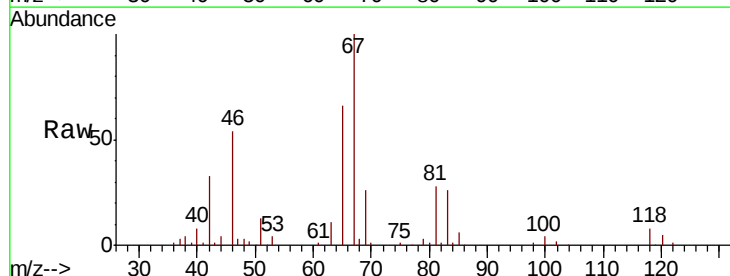


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

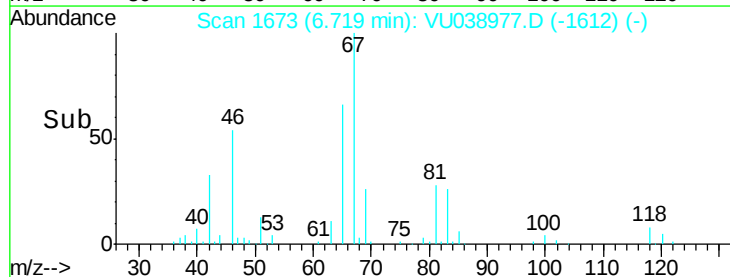
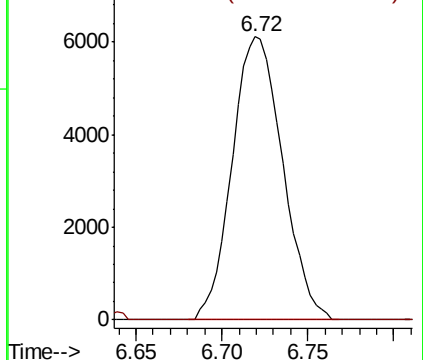


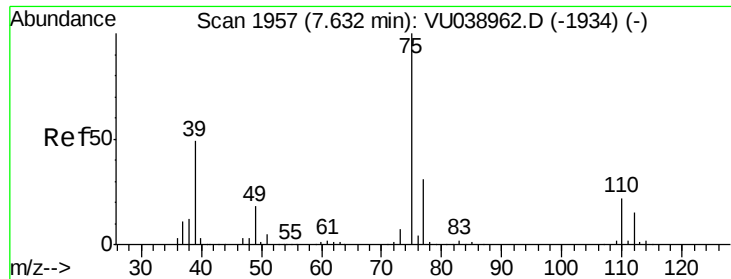
#37
1,2-Dichloropropane
Concen: 0.481 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038977.D
Acq: 18 Jun 2020 18:00

Tgt Ion: 63 Resp: 12445
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#



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

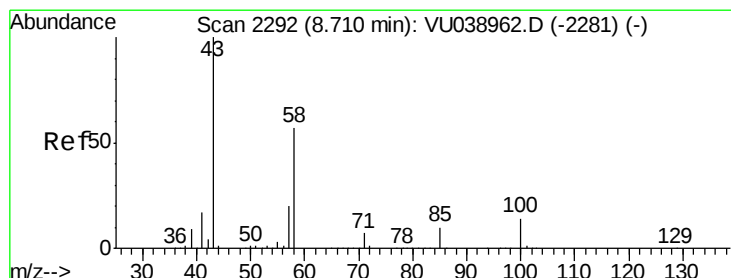
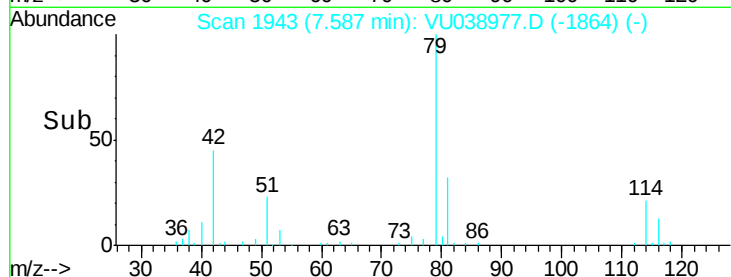
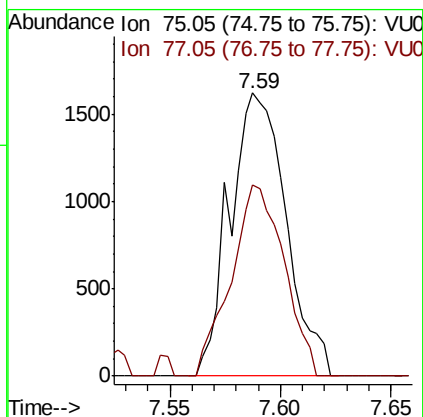
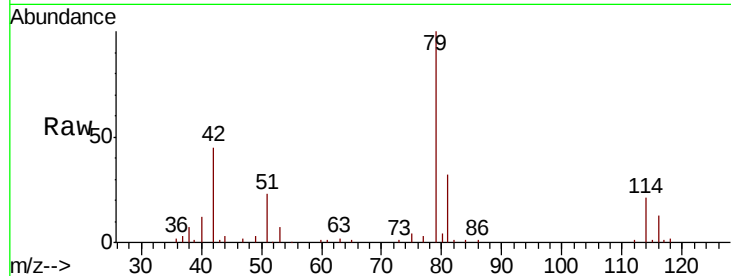




#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038977.D
 Acq: 18 Jun 2020 18:00

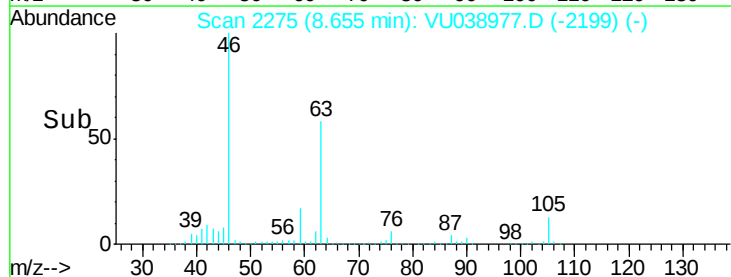
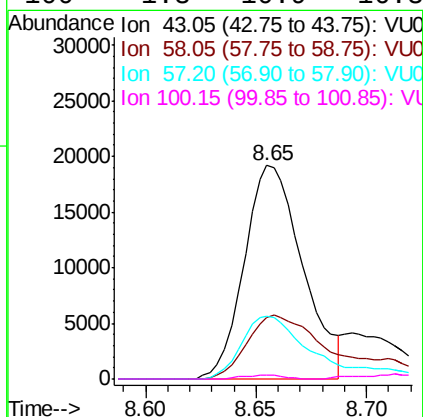
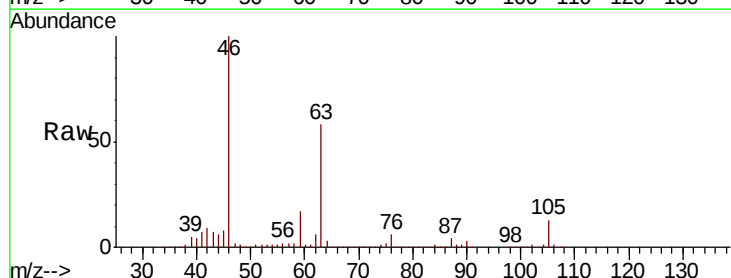
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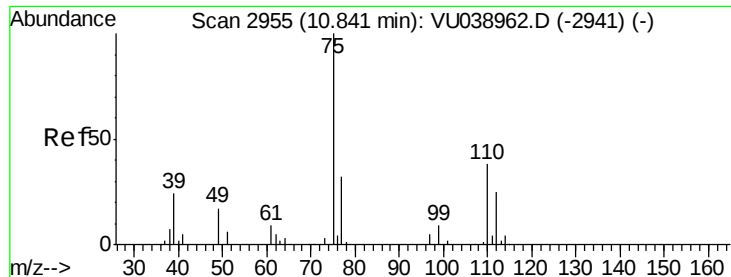
Tot Ion: 75 Resp: 2878
 Ion Ratio Lower Upper
 75 100
 77 67.4 22.4 41.6#



#48
 2-Hexanone
 Concen: 2.611 ug/L
 RT: 8.65 min Scan# 2275
 Delta R.T. -0.05 min
 Lab File: VU038977.D
 Acq: 18 Jun 2020 18:00

Tgt Ion: 43 Resp: 35286
 Ion Ratio Lower Upper
 43 100
 58 45.8 45.2 67.8
 57 37.0 16.1 24.1#
 100 1.3 10.9 16.3#





#59

1,2,3-Trichloropropane

Concen: 0.800 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038977.D

Acq: 18 Jun 2020 18:00

Instrument :

MSVOA_U

ClientSampleId :

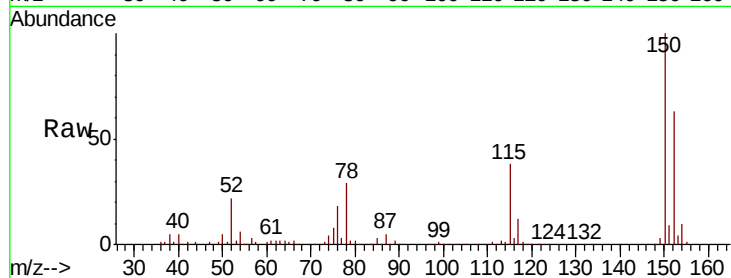
F9L43

Tot Ion: 75 Resp: 15966

Ion Ratio Lower Upper

75 100

77 37.4 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU038977.D (-2333) (-)

