

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061820\
 Data File : VU038970.D
 Acq On : 18 Jun 2020 15:18
 Operator : SY/MD
 Sample : L3058-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L31

Quant Time: Jun 19 01:20:10 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	259275	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.44	117	265332	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	125713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	77047	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.94	69	71010	4.69	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.60	63	161542	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.60%
20) 2-Butanone-d5	4.78	46	273779	47.53	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.06%
24) Chloroform-d	5.12	84	185825	5.19	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.76	65	109768	5.32	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.40%
32) Benzene-d6	5.78	84	345776	4.98	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.74	67	113427	5.29	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.93	98	282566	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	8.21	79	41601	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.67	63	263697	50.95	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.90%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103401	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	122020	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

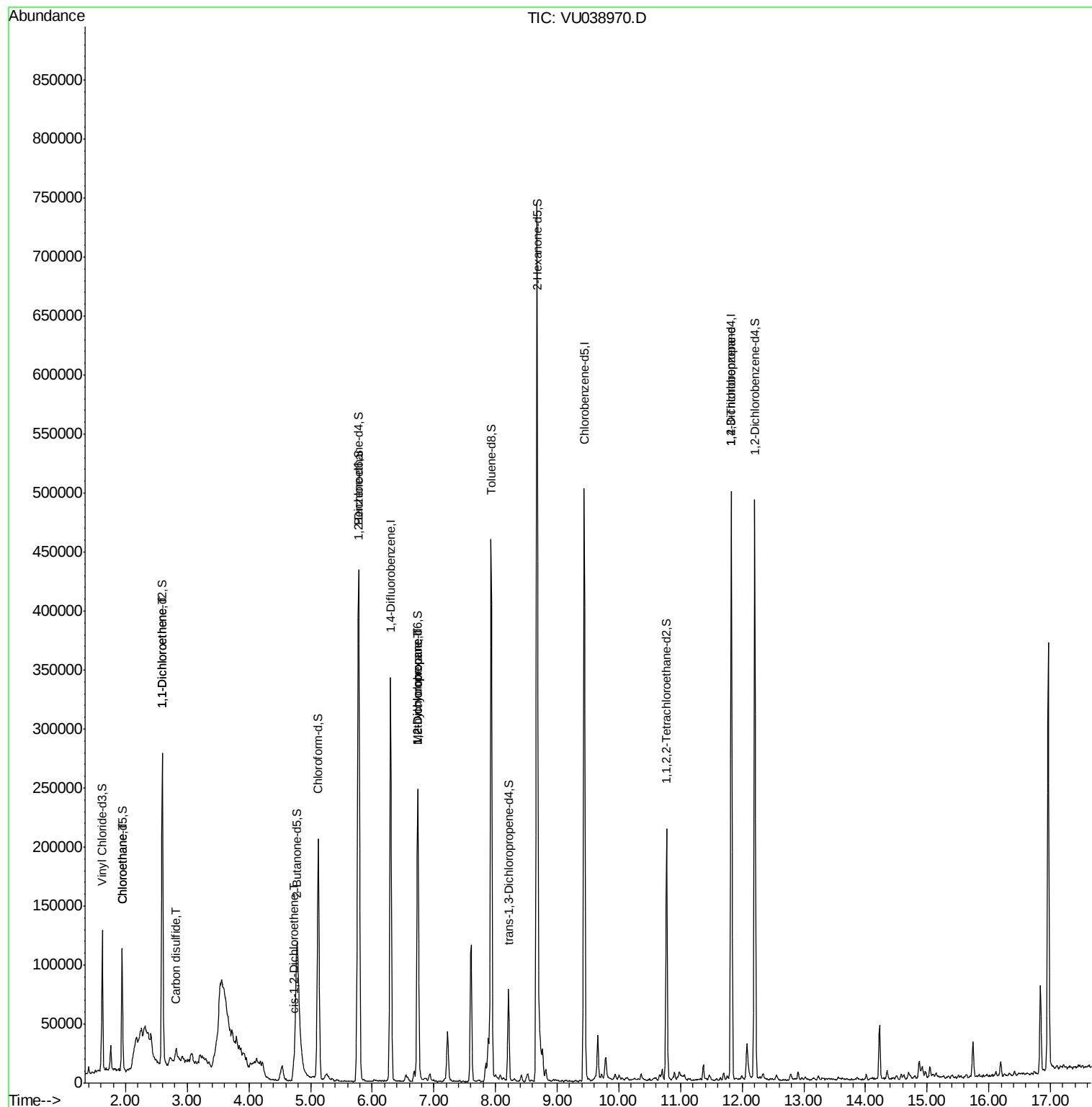
					Ovalue
8) Chloroethane	1.93	64	1165	0.075 ug/L	92
12) 1,1-Dichloroethene	2.59	96	1320	0.072 ug/L #	1
14) Carbon disulfide	2.82	76	8344	0.136 ug/L #	81
22) cis-1,2-Dichloroethene	4.72	96	4256	0.217 ug/L	98
35) Methylcyclohexane	6.74	83	27969	0.877 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12772	0.617 ug/L #	86
59) 1,2,3-Trichloropropane	11.82	75	16311	1.022 ug/L #	85

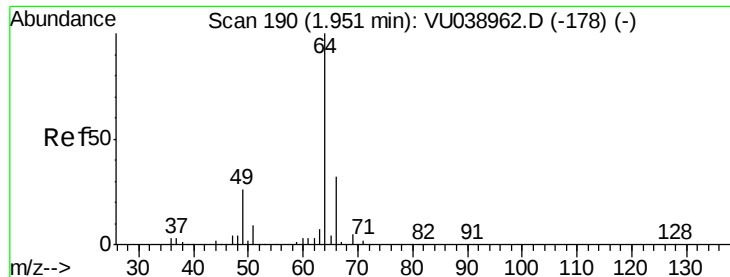
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 19 01:17:22 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.075 ug/L

RT: 1.93 min Scan# 185

Delta R.T. -0.02 min

Lab File: VU038970.D

Acq: 18 Jun 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

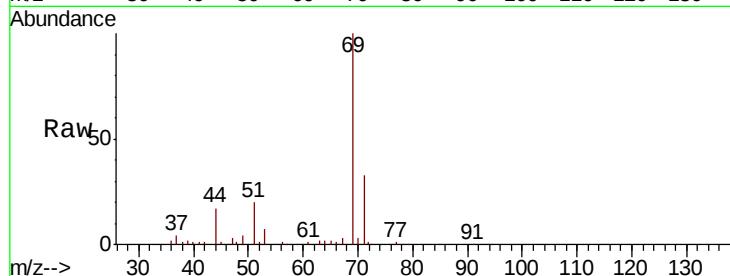
F9L31

Tot Ion: 64 Resp: 1165

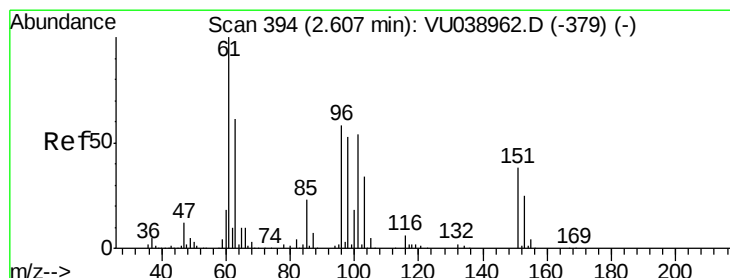
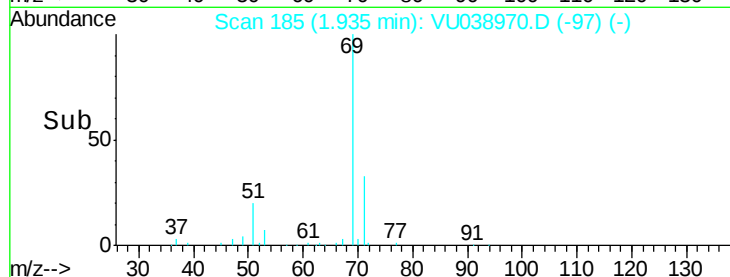
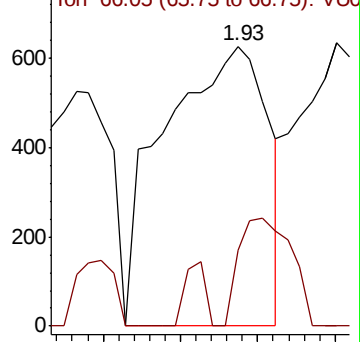
Ion Ratio Lower Upper

64 100

66 27.1 22.1 41.1



Abundance Ion 64.10 (63.80 to 64.80): VU038970.D (-97) (-)



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU038970.D

Acq: 18 Jun 2020 15:18

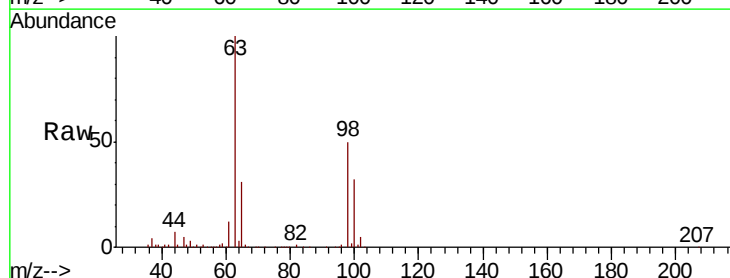
Tgt Ion: 96 Resp: 1320

Ion Ratio Lower Upper

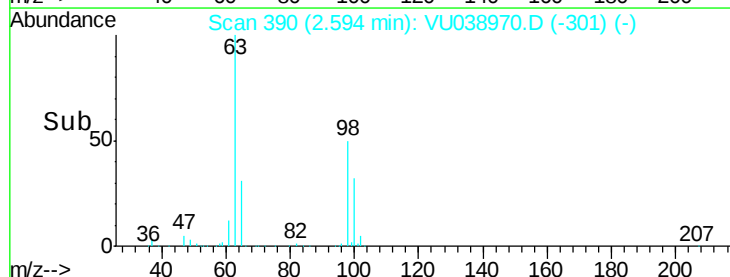
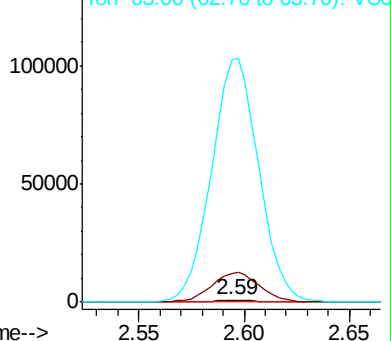
96 100

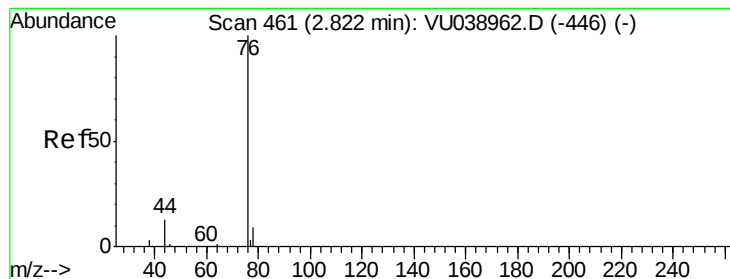
61 1621.6 120.3 223.5#

63 13640.5 78.7 146.1#



Abundance Ion 96.00 (95.70 to 96.70): VU038970.D (-301) (-)





#14

Carbon disulfide

Concen: 0.136 ug/L

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU038970.D

Acq: 18 Jun 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

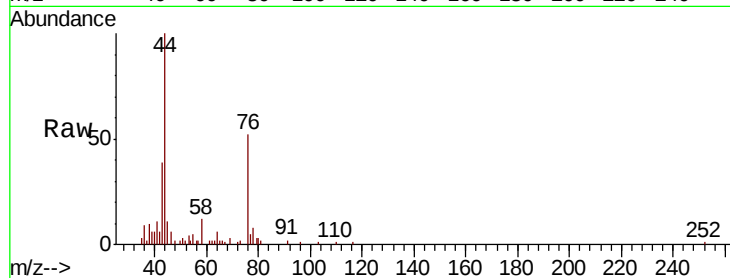
F9L31

Tot Ion: 76 Resp: 8344

Ion Ratio Lower Upper

76 100

78 16.2 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038962.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038962.D (-446) (-)

2.82

5000

4000

3000

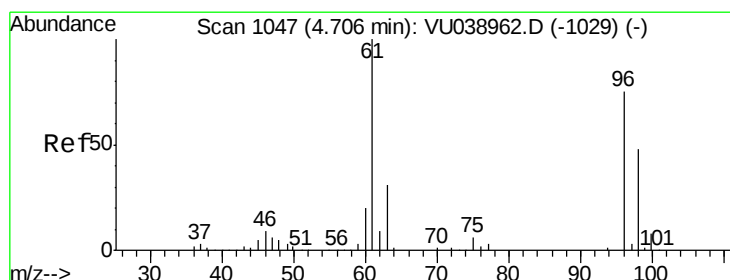
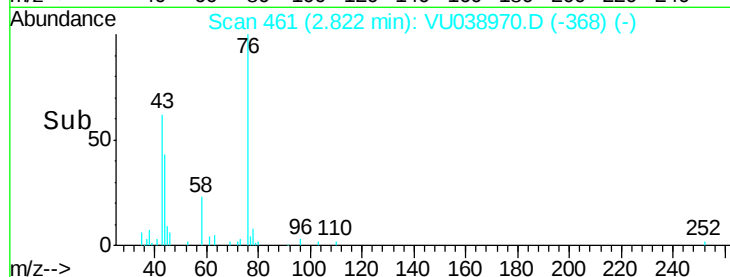
2000

1000

0

Time-->

2.75 2.80 2.85 2.90



#22

cis-1,2-Dichloroethene

Concen: 0.217 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.02 min

Lab File: VU038970.D

Acq: 18 Jun 2020 15:18

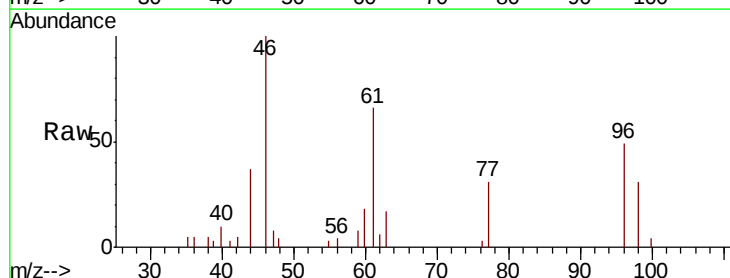
Tgt Ion: 96 Resp: 4256

Ion Ratio Lower Upper

96 100

61 136.0 93.7 173.9

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038962.D (-1029) (-)

Ion 61.05 (60.75 to 61.75): VU038962.D (-1029) (-)

Ion 68.15 (67.85 to 68.85): VU038962.D (-1029) (-)

4.72

3000

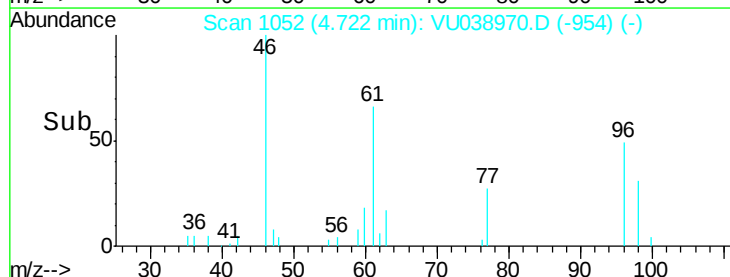
2000

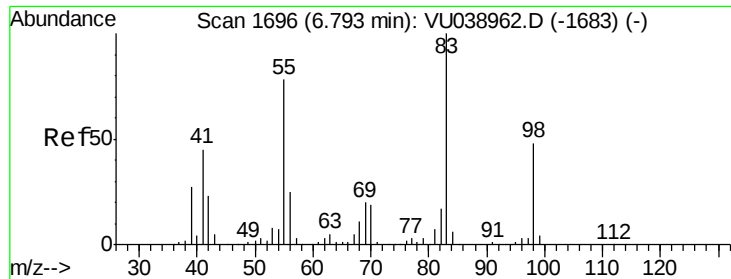
1000

0

Time-->

4.65 4.70 4.75

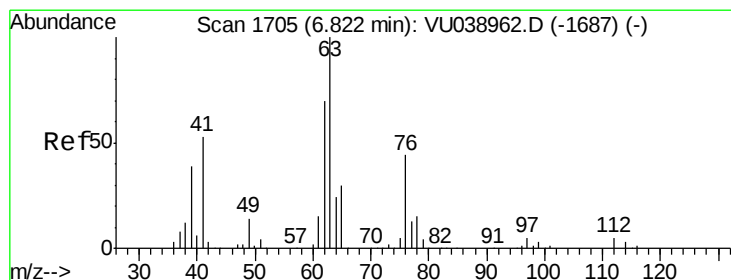
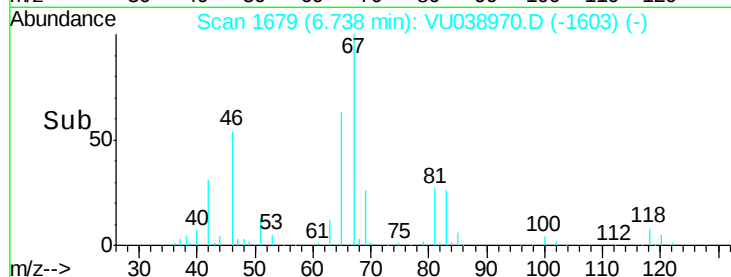
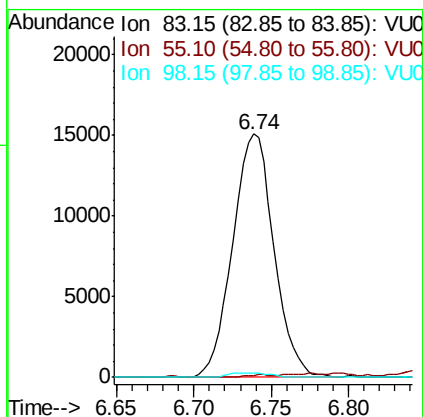
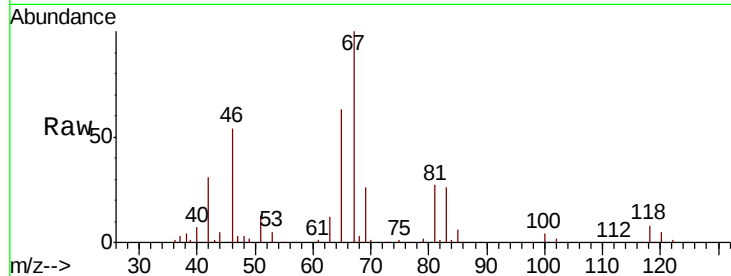




#35
Methvlcvclohexane
Concen: 0.877 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.05 min
Lab File: VU038970.D
Acq: 18 Jun 2020 15:18

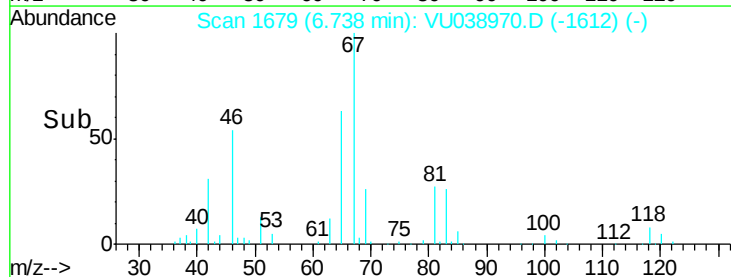
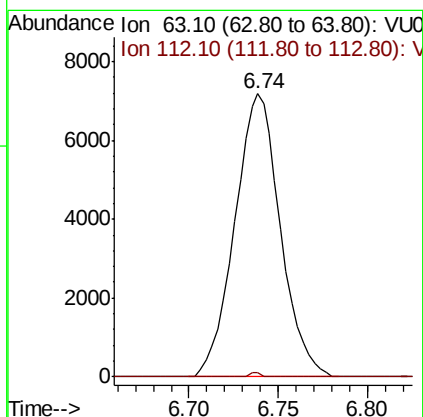
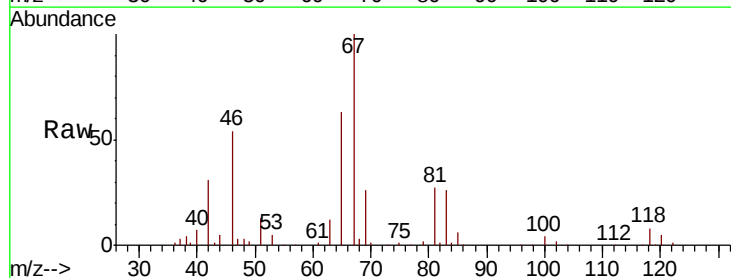
Instrument :
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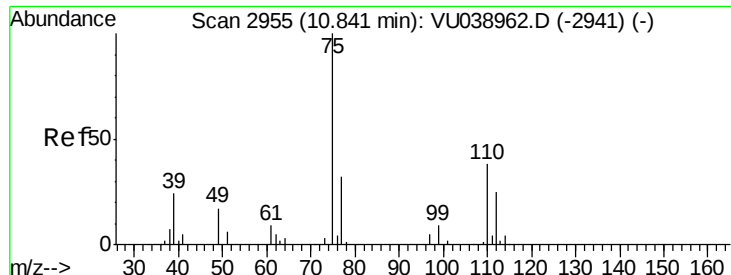
Tot Ion	83	Resp	27969
Ion Ratio	Lower	Upper	
83	100		
55	0.7	61.8	92.8#
98	1.8	39.3	58.9#



#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.08 min
Lab File: VU038970.D
Acq: 18 Jun 2020 15:18

Tgt Ion	63	Resp	12772
Ion Ratio	Lower	Upper	
63	100		
112	0.3	3.9	5.9#





#59

1,2,3-Trichloropropane

Concen: 1.022 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038970.D

Acq: 18 Jun 2020 15:18

Instrument :

MSVOA_U

ClientSampleId :

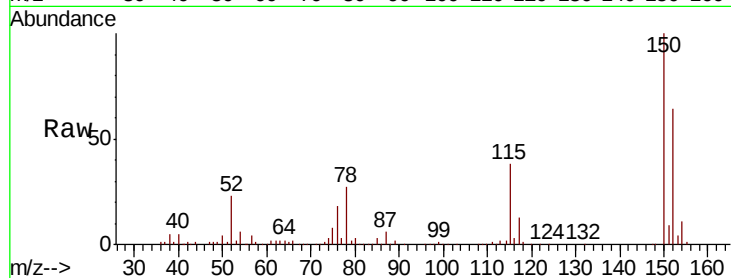
F9L31

Tot Ion: 75 Resp: 16311

Ion Ratio Lower Upper

75 100

77 40.1 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

