

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061720\
 Data File : VU038954.D
 Acq On : 17 Jun 2020 19:12
 Operator : SY/MD
 Sample : L3040-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9L23

Quant Time: Jun 18 04:11:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.31	114	262356	5.00	ug/L	0.03
28) Chlorobenzene-d5	9.44	117	262407	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122564	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	84278	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.94	69	74150	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.60	63	191731	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.80%
20) 2-Butanone-d5	4.78	46	307884	52.82	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.64%
24) Chloroform-d	5.14	84	195398	5.40	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.78	65	113054	5.42	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.79	84	363655	5.30	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
36) 1,2-Dichloropropane-d6	6.75	67	117991	5.56	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	7.93	98	287639	4.68	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.21	79	46694	4.81	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.67	63	271364	53.01	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	101503	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	122838	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

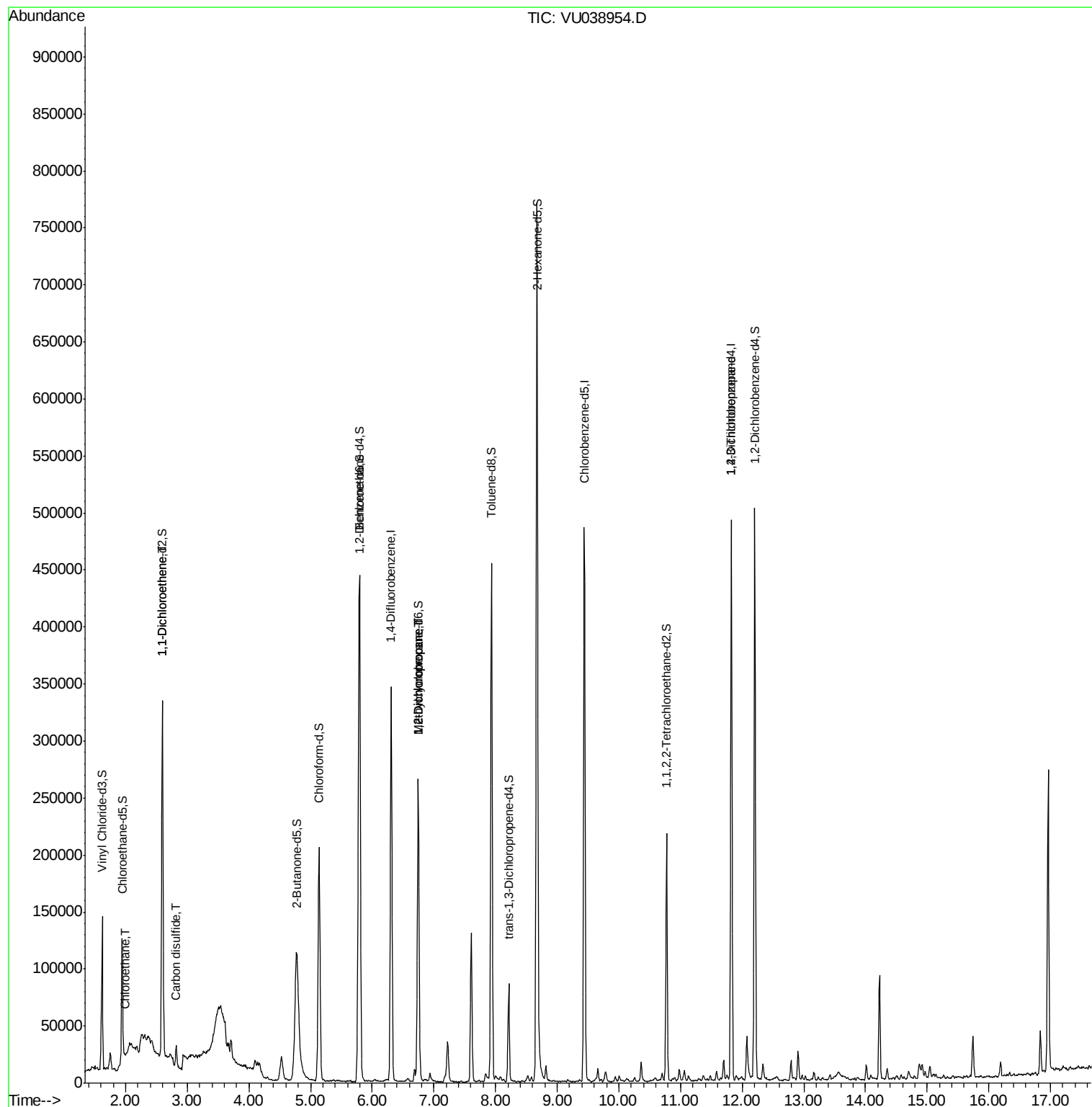
					Ovalue
8) Chloroethane	1.99	64	37359	2.388 ug/L #	51
12) 1,1-Dichloroethene	2.60	96	1248	0.068 ug/L #	1
14) Carbon disulfide	2.82	76	7565	0.122 ug/L #	85
35) Methylcyclohexane	6.75	83	29144	0.924 ug/L #	18
37) 1,2-Dichloropropane	6.75	63	13378	0.654 ug/L #	86
59) 1,2,3-Trichloropropane	11.82	75	15233	0.965 ug/L #	82

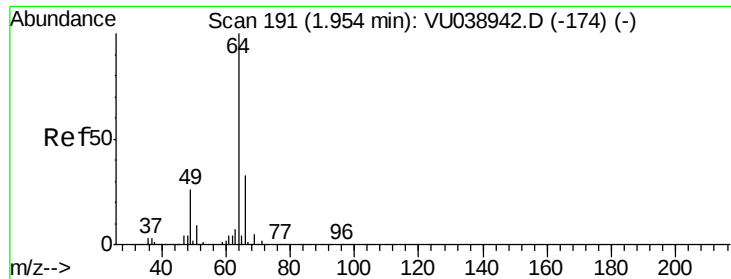
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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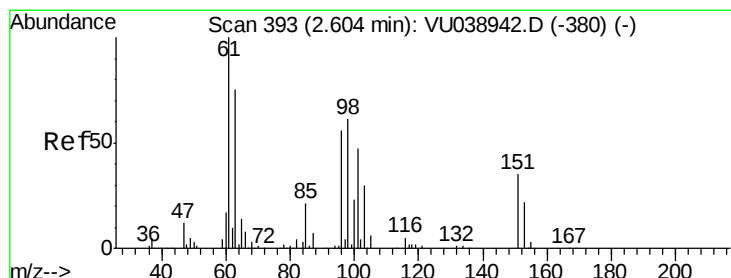
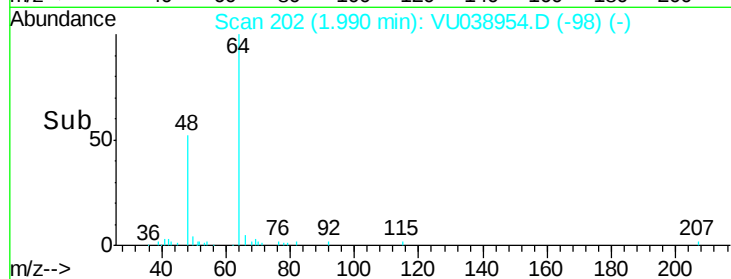
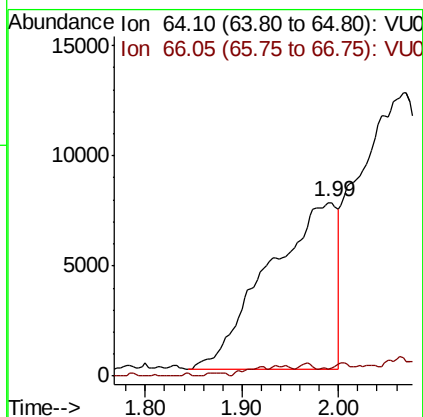
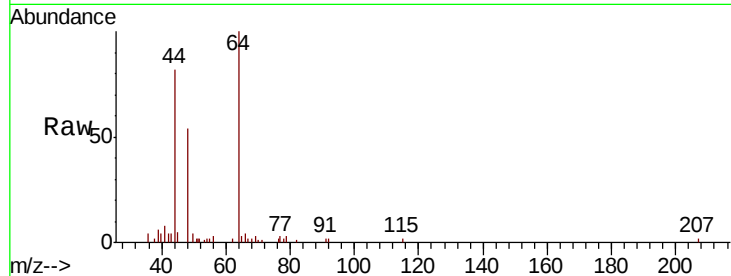




#8
Chloroethane
Concen: 2.388 ug/L
RT: 1.99 min Scan# 202
Delta R.T. 0.04 min
Lab File: VU038954.D
Acq: 17 Jun 2020 19:12

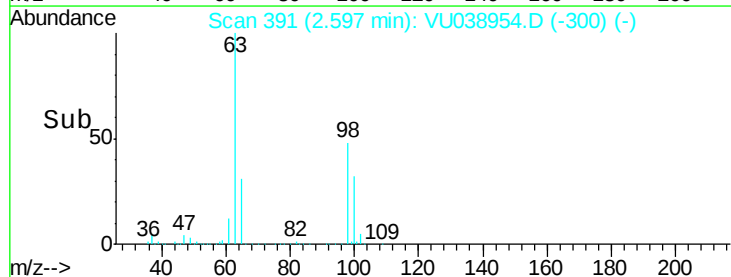
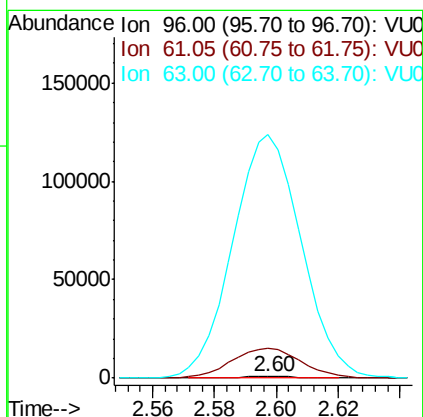
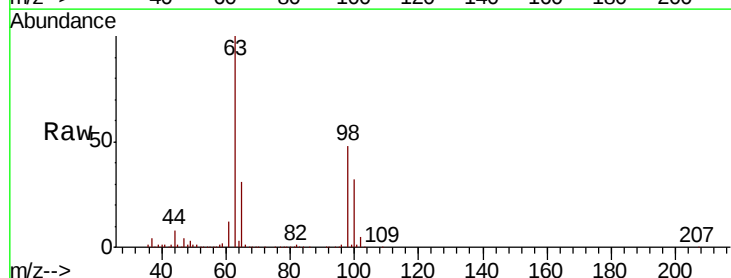
Instrument :
MSVOA_U
ClientSampled :
F9L23

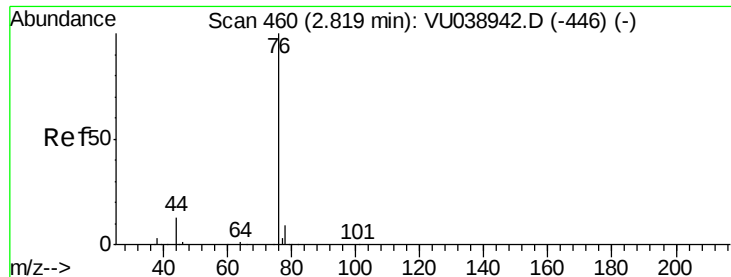
Tot Ion: 64 Resp: 37359
Ion Ratio Lower Upper
64 100
66 4.3 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.068 ug/L
RT: 2.60 min Scan# 391
Delta R.T. -0.01 min
Lab File: VU038954.D
Acq: 17 Jun 2020 19:12

Tgt Ion: 96 Resp: 1248
Ion Ratio Lower Upper
96 100
61 1870.3 120.3 223.5#
63 15243.3 78.7 146.1#





#14

Carbon disulfide

Concen: 0.122 ug/L

RT: 2.82 min Scan# 460

Delta R.T. 0.00 min

Lab File: VU038954.D

Acq: 17 Jun 2020 19:12

Instrument :

MSVOA_U

ClientSampled :

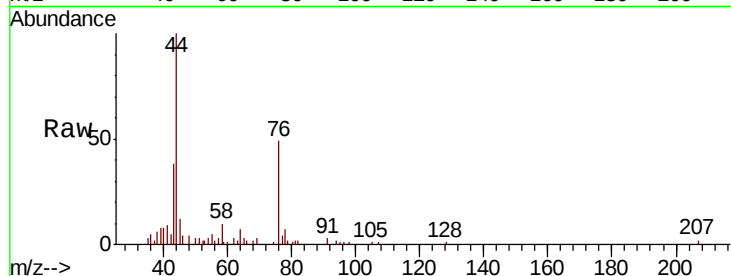
F9L23

Tot Ion: 76 Resp: 7565

Ion Ratio Lower Upper

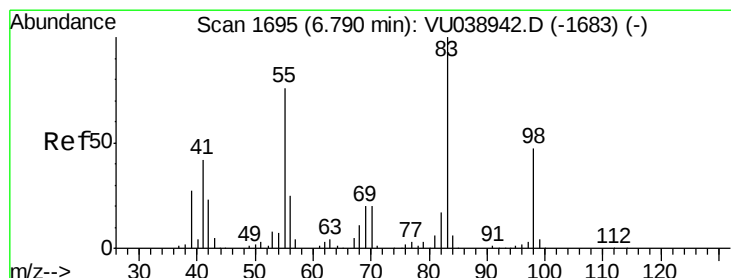
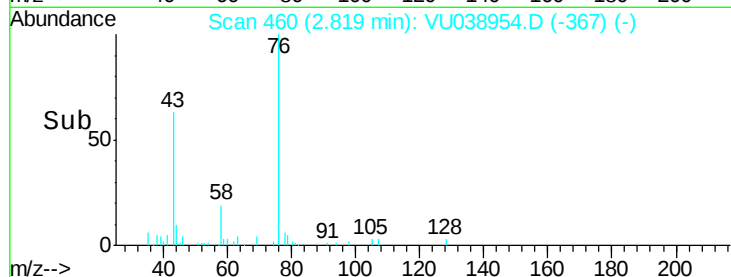
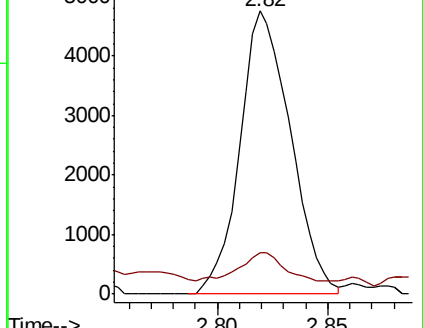
76 100

78 14.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VU038954.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU038954.D (-367) (-)



#35

Methylcyclohexane

Concen: 0.924 ug/L

RT: 6.75 min Scan# 1682

Delta R.T. -0.04 min

Lab File: VU038954.D

Acq: 17 Jun 2020 19:12

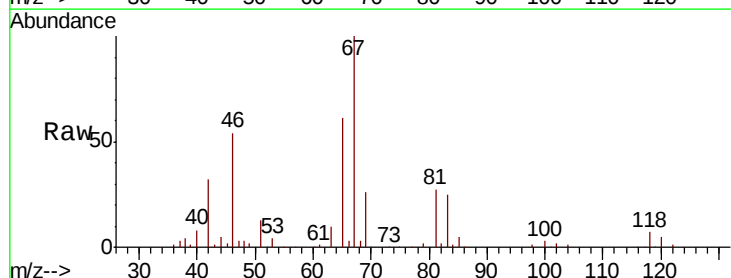
Tgt Ion: 83 Resp: 29144

Ion Ratio Lower Upper

83 100

55 0.7 61.8 92.8#

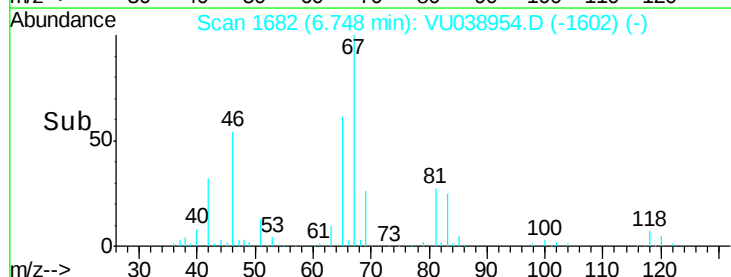
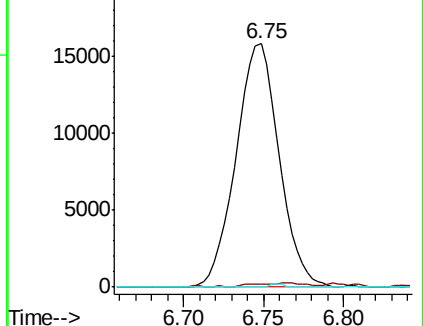
98 0.0 39.3 58.9#

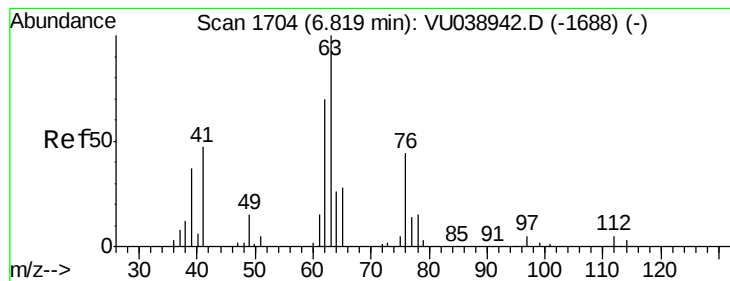


Abundance Ion 83.15 (82.85 to 83.85): VU038954.D (-1602) (-)

Ion 55.10 (54.80 to 55.80): VU038954.D (-1602) (-)

Ion 98.15 (97.85 to 98.85): VU038954.D (-1602) (-)





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.75 min Scan# 1681

Delta R.T. -0.07 min

Lab File: VU038954.D

Acq: 17 Jun 2020 19:12

Instrument :

MSVOA_U

ClientSampleId :

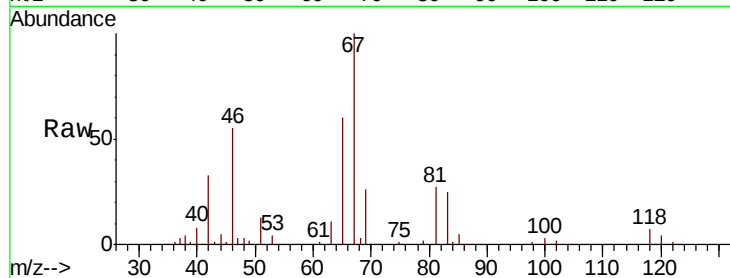
F9L23

Tot Ion: 63 Resp: 13378

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VU038954.D (-1688) (-)

Ion 112.10 (111.80 to 112.80): VU038954.D (-1688) (-)

6.75

8000

6000

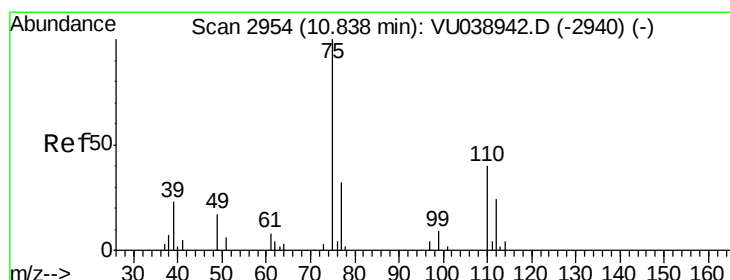
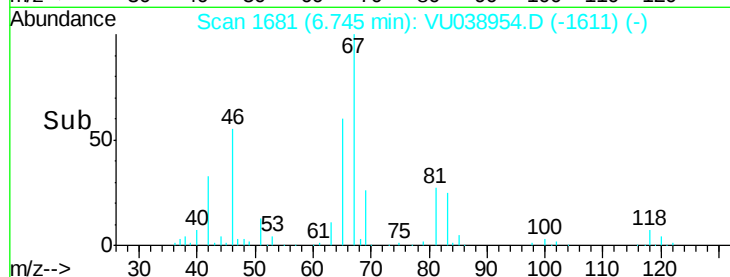
4000

2000

0

6.70 6.75 6.80

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.965 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038954.D

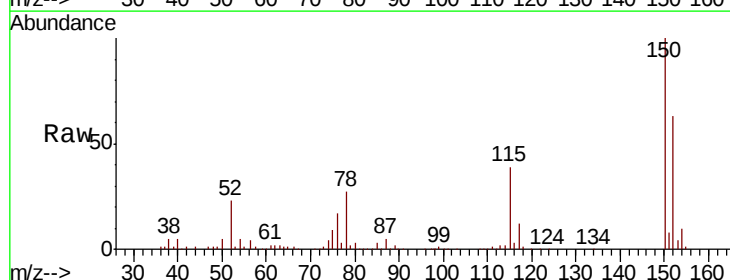
Acq: 17 Jun 2020 19:12

Tgt Ion: 75 Resp: 15233

Ion Ratio Lower Upper

75 100

77 41.8 25.4 38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU038954.D (-2332) (-)

Ion 77.00 (76.70 to 77.70): VU038954.D (-2332) (-)

11.82

12000

10000

8000

6000

4000

2000

0

11.75 11.80 11.85

Time-->

