

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121820\
 Data File : VU041674.D
 Acq On : 18 Dec 2020 13:03
 Operator : SY/MD
 Sample : L5143-03MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZB2MSD

Quant Time: Dec 19 08:43:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Dec 19 04:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110845	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107105	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35215	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.92	69	32627	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.58	63	73722	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.40%
20) 2-Butanone-d5	4.65	46	140572	56.47	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.94%
24) Chloroform-d	5.08	84	74959	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.72	65	43756	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.74	84	147390	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.70	67	47712	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.90	98	126123	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.19	79	20516	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.64	63	128062	54.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.36%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	46236	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	48081	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

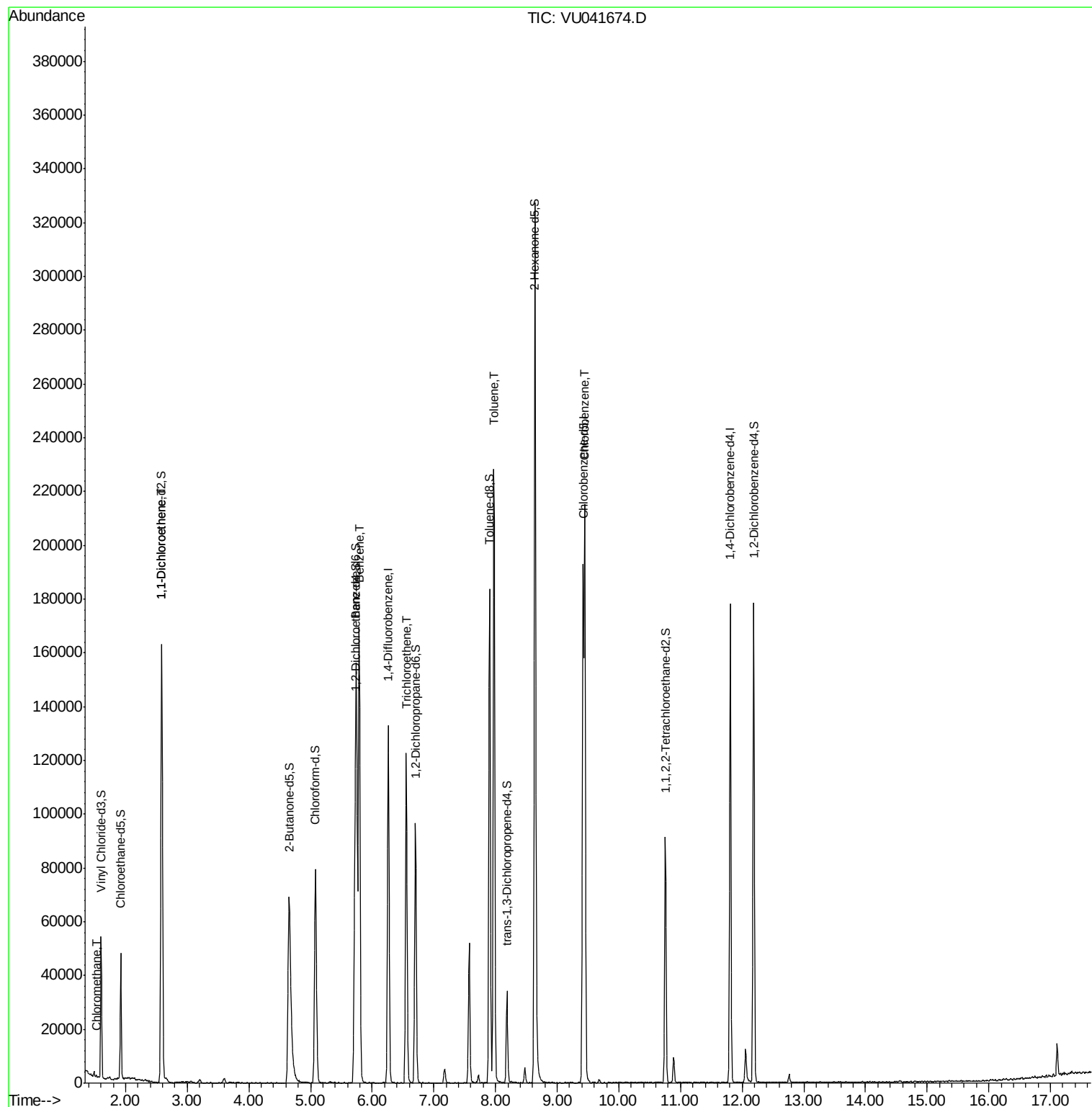
					Ovalue
3) Chloromethane	1.53	50	480	0.053 ug/L	97
12) 1,1-Dichloroethene	2.59	96	36387	4.839 ug/L	95
33) Benzene	5.79	78	165579	4.834 ug/L	100
34) Trichloroethene	6.55	95	42959	4.991 ug/L	96
42) Toluene	7.97	91	169746	4.800 ug/L	97
51) Chlorobenzene	9.45	112	114945	5.229 ug/L	98

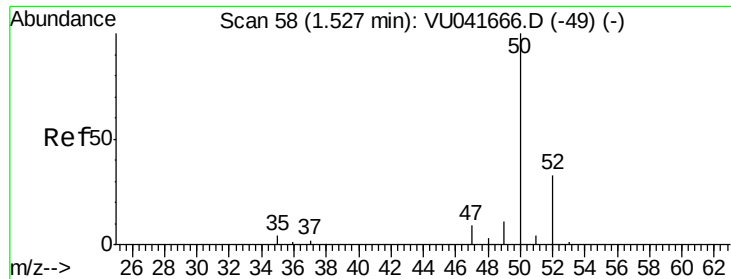
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Dec 19 04:12:21 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.053 ug/L

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

Instrument :

MSVOA_U

ClientSampled :

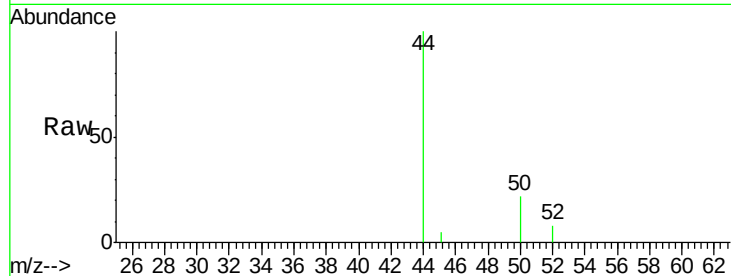
ETZB2MSD

Tot Ion: 50 Resp: 480

Ion Ratio Lower Upper

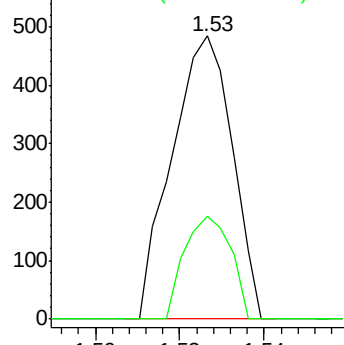
50 100

52 36.2 24.1 44.8

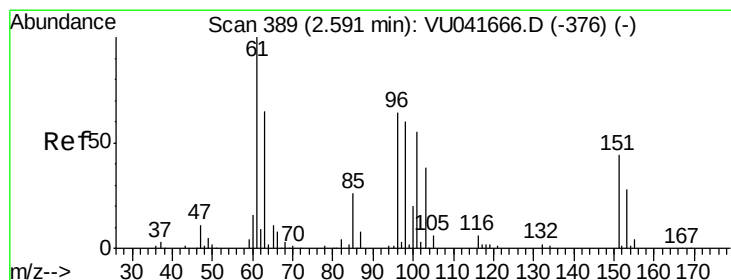
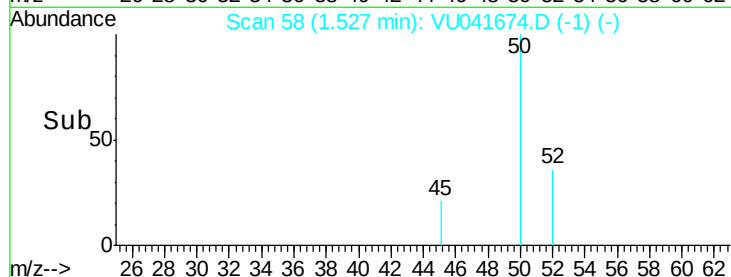


Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



Time-->



#12

1,1-Dichloroethene

Concen: 4.839 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

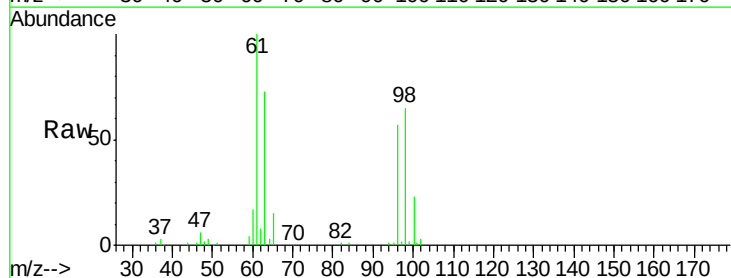
Tgt Ion: 96 Resp: 36387

Ion Ratio Lower Upper

96 100

61 174.9 123.8 230.0

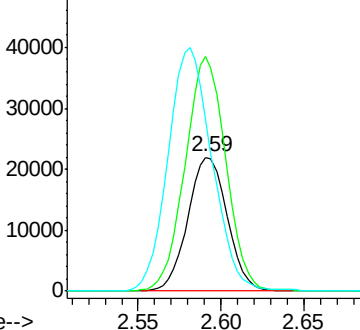
63 128.4 81.0 150.4



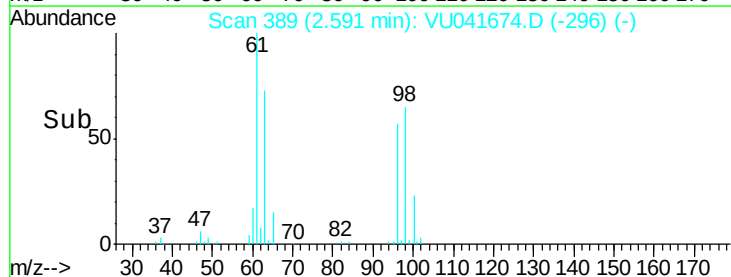
Abundance Ion 96.00 (95.70 to 96.70): VU0

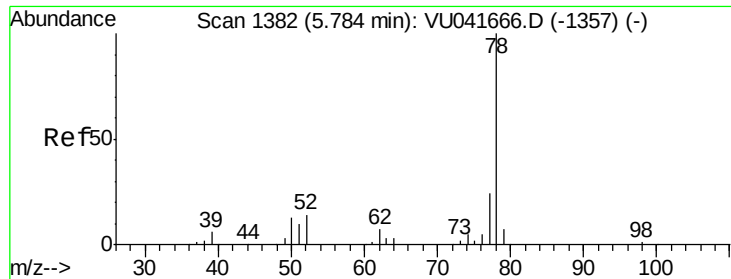
Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



Time-->

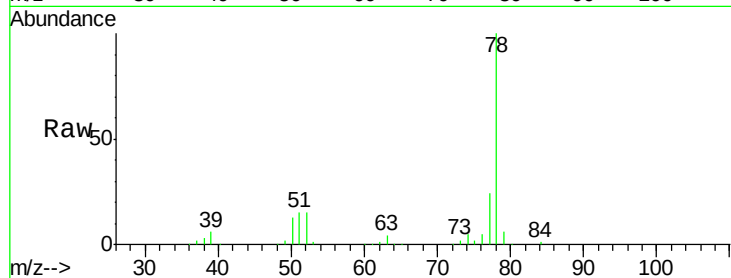




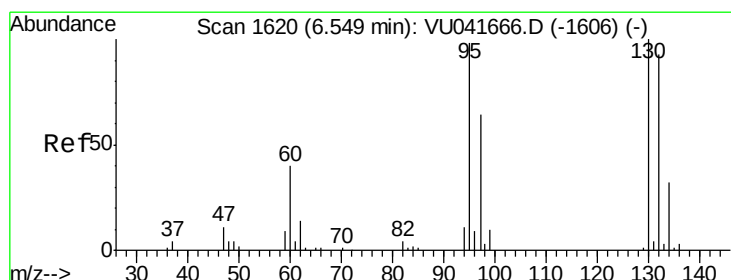
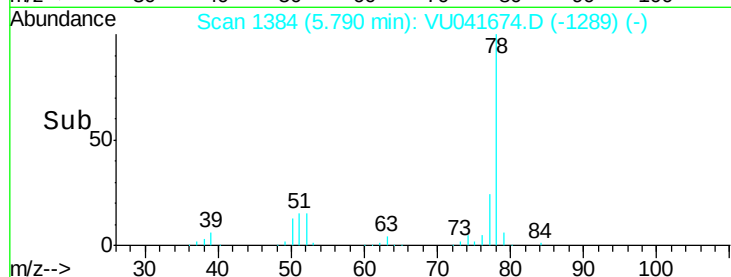
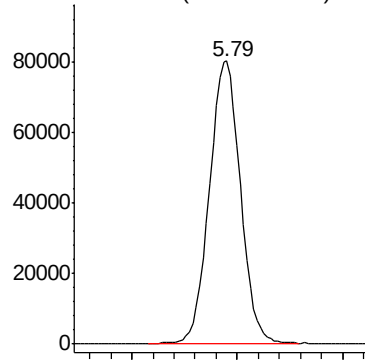
#33
Benzene
Concen: 4.834 ug/L
RT: 5.79 min Scan# 1384
Delta R.T. 0.01 min
Lab File: VU041674.D
Acq: 18 Dec 2020 13:03

Instrument :
MSVOA_U
ClientSampleId :
ETZB2MSD

Tgt Ion: 78 Resp: 165579



Abundance Ion 78.10 (77.80 to 78.80): VU0

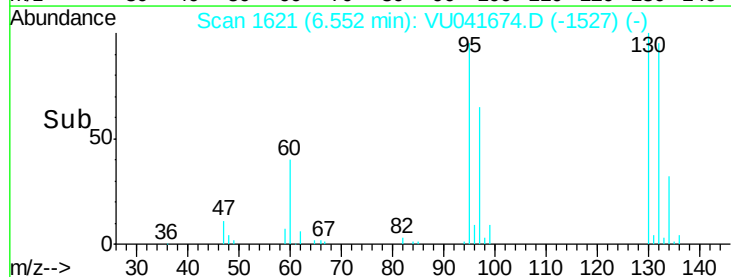
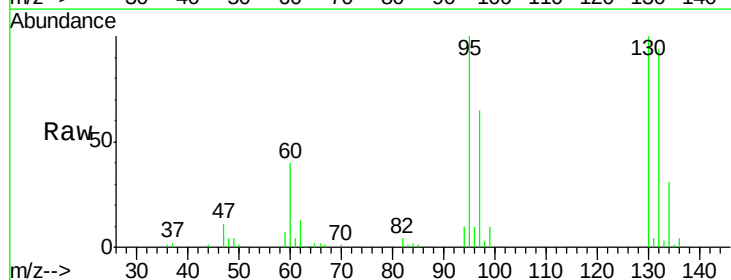
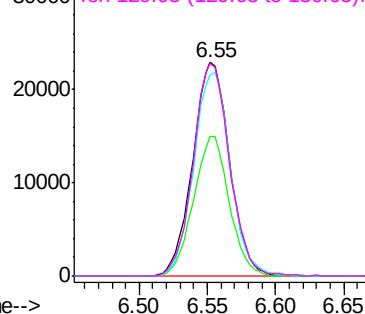


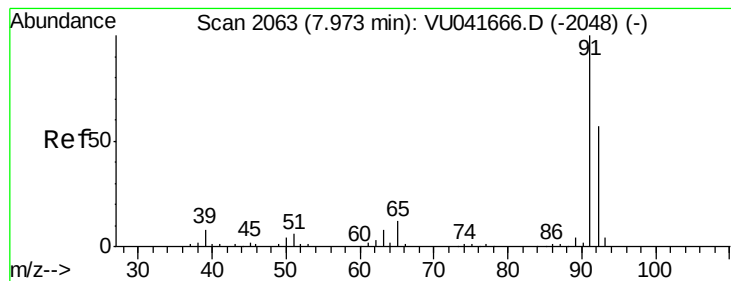
#34
Trichloroethene
Concen: 4.991 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. 0.00 min
Lab File: VU041674.D
Acq: 18 Dec 2020 13:03

Tgt Ion: 95 Resp: 42959
Ion Ratio Lower Upper
95 100
97 65.1 43.9 81.5
132 94.3 63.1 117.3
130 99.6 67.4 125.2

Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 4.800 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

Instrument :

MSVOA_U

ClientSampleId :

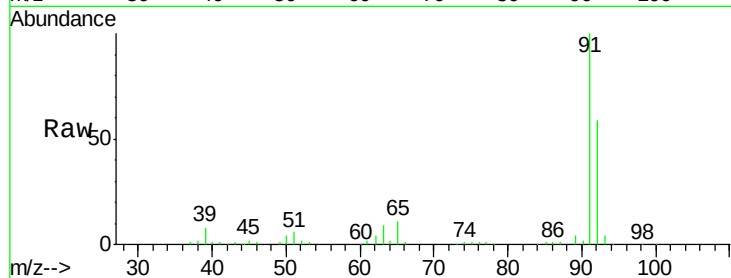
ETZB2MSD

Tot Ion: 91 Resp: 169746

Ion Ratio Lower Upper

91 100

92 59.2 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU041666.D (-2048) (-)

Ion 92.15 (91.85 to 92.85): VU041666.D (-2048) (-)

7.97

100000

80000

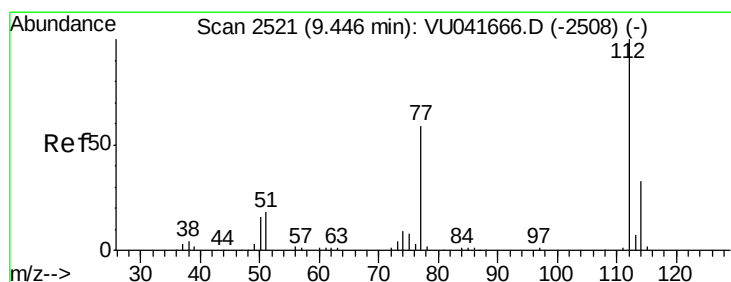
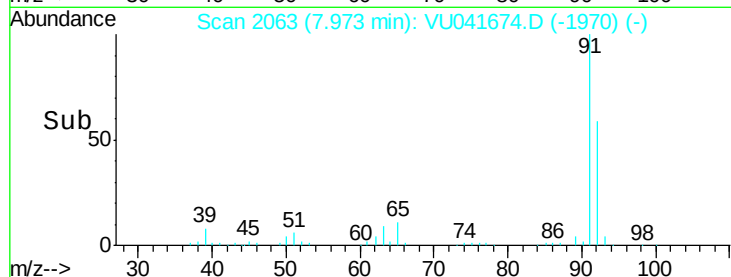
60000

40000

20000

0

Time-->



#51

Chlorobenzene

Concen: 5.229 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041674.D

Acq: 18 Dec 2020 13:03

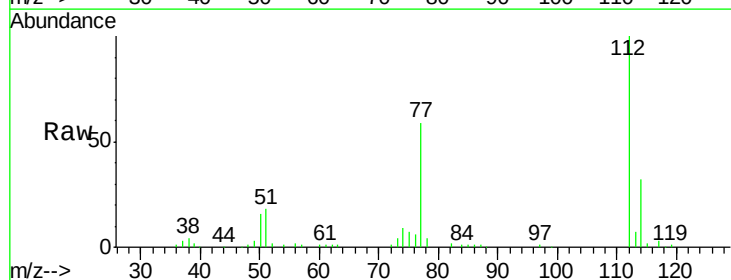
Tgt Ion: 112 Resp: 114945

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.3

77 59.0 49.1 73.7



Abundance Ion 112.10 (111.80 to 112.80): VU041666.D (-2508) (-)

Ion 114.05 (113.75 to 114.75): VU041666.D (-2508) (-)

Ion 77.10 (76.80 to 77.80): VU041666.D (-2508) (-)

9.45

80000

60000

40000

20000

0

Time-->

