

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036847.D
 Acq On : 19 Feb 2020 14:22
 Operator : JC/MD
 Sample : L1580-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ5MS

Quant Time: Feb 20 05:44:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 20 04:46:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	104027	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	98895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39119	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45504	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.93	69	40694	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.59	63	75576	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.67	46	101421	54.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.12%
24) Chloroform-d	5.11	84	74070	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.74	65	41209	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.76	84	160747	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.73	67	51205	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.93	98	143455	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	17080	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.66	63	83529	49.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.62%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37959	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	43961	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

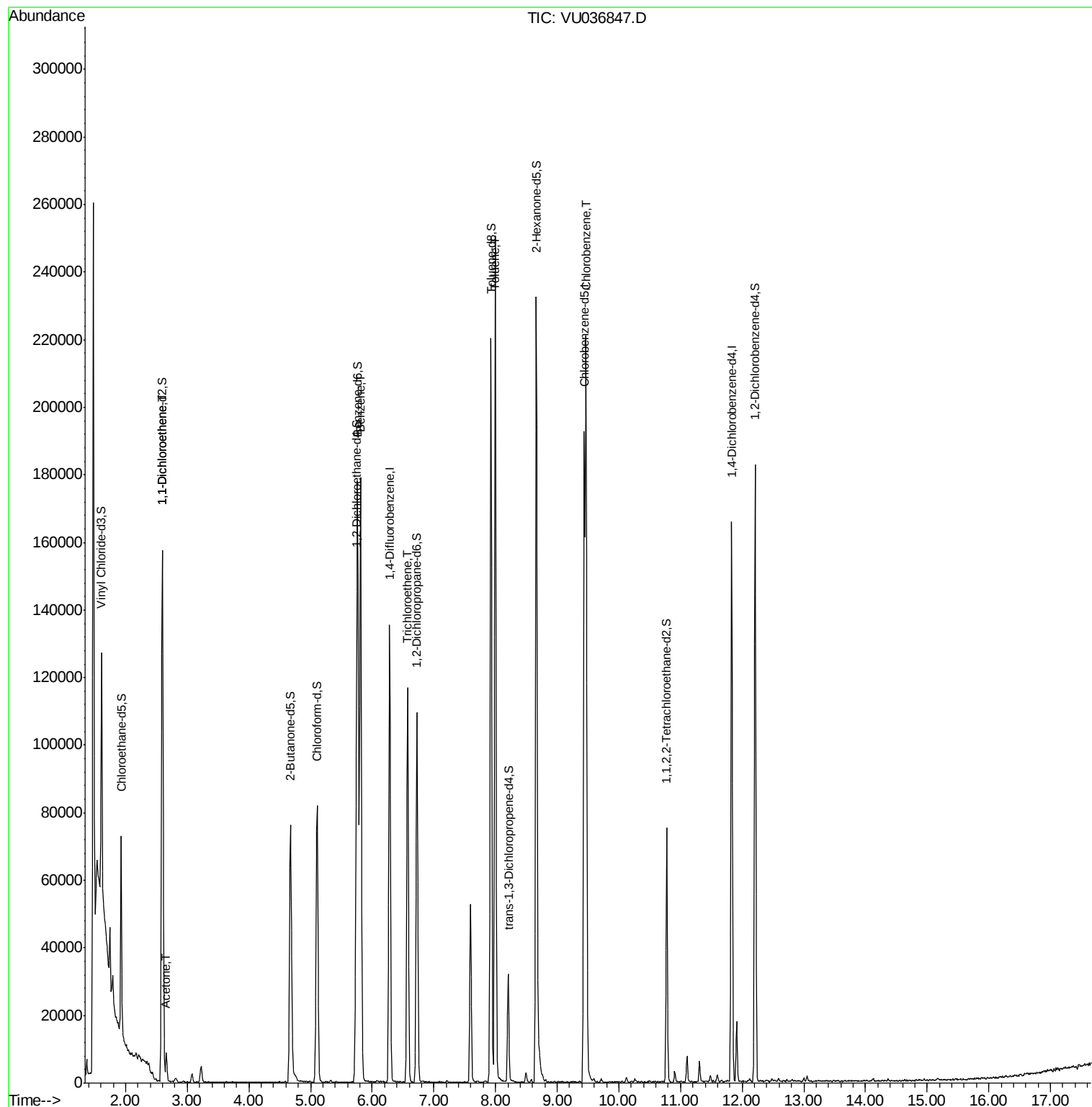
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.60	96	31941	5.048 ug/L	97
13) Acetone	2.66	43	9520	3.968 ug/L	97
33) Benzene	5.81	78	164597	5.396 ug/L	100
34) Trichloroethene	6.57	95	40336	5.192 ug/L	98
42) Toluene	8.00	91	178883	5.460 ug/L	96
51) Chlorobenzene	9.47	112	110607	5.458 ug/L	99

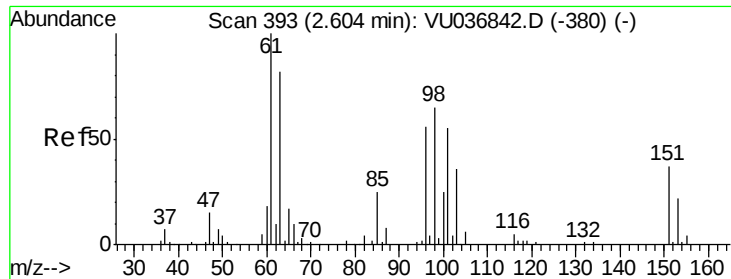
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.048 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

Instrument :

MSVOA_U

ClientSampleId :

DBDJ5MS

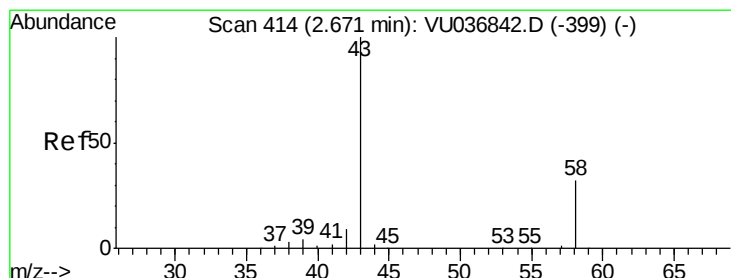
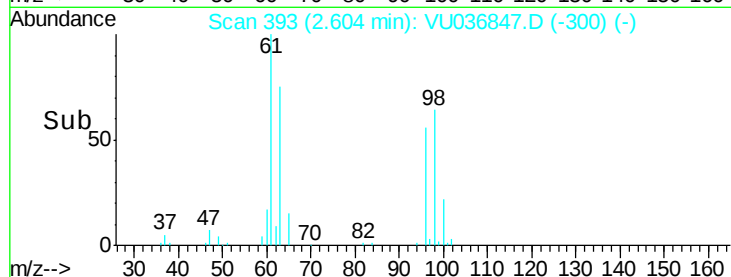
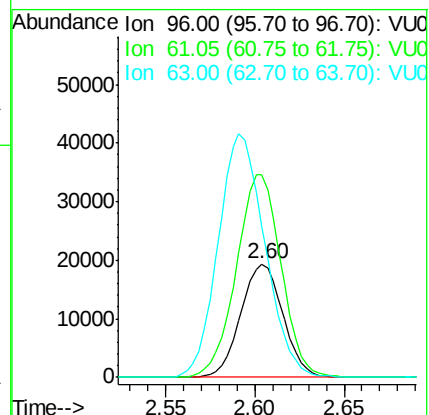
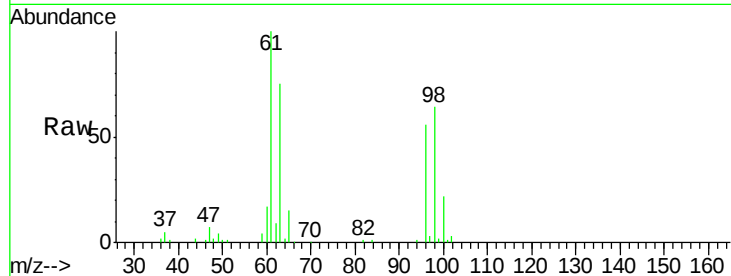
Tot Ion: 96 Resp: 31941

Ion Ratio Lower Upper

96 100

61 179.1 126.4 234.8

63 133.6 89.5 166.3



#13

Acetone

Concen: 3.968 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU036847.D

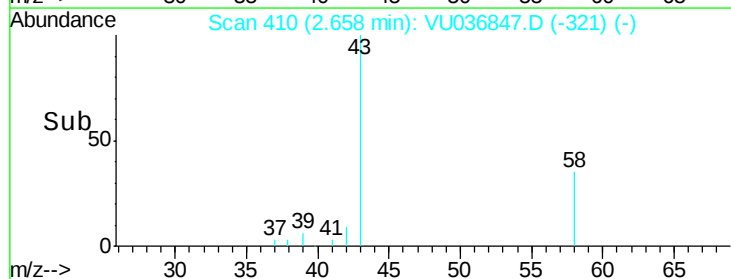
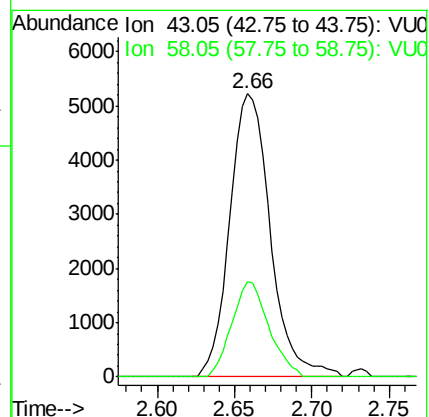
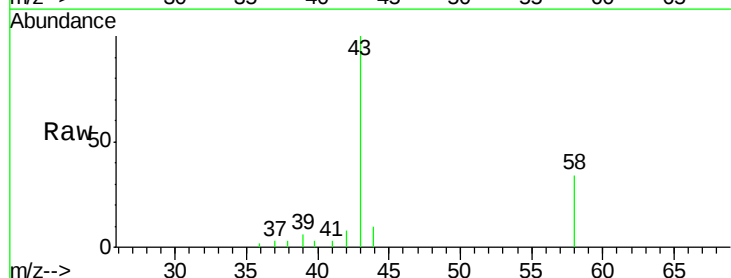
Acq: 19 Feb 2020 14:22

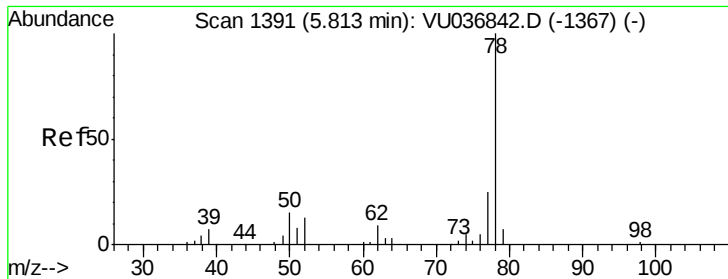
Tgt Ion: 43 Resp: 9520

Ion Ratio Lower Upper

43 100

58 30.5 0.0 64.2





#33

Benzene

Concen: 5.396 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

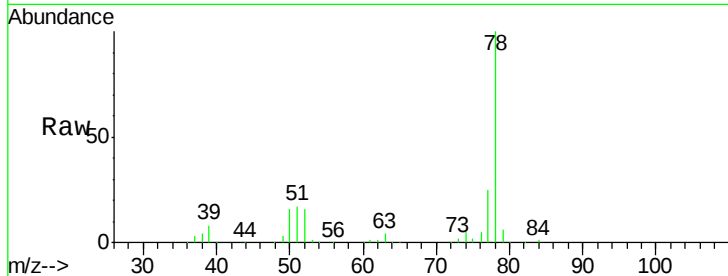
Instrument :

MSVOA_U

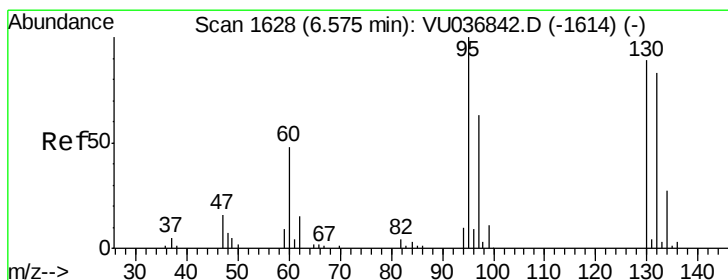
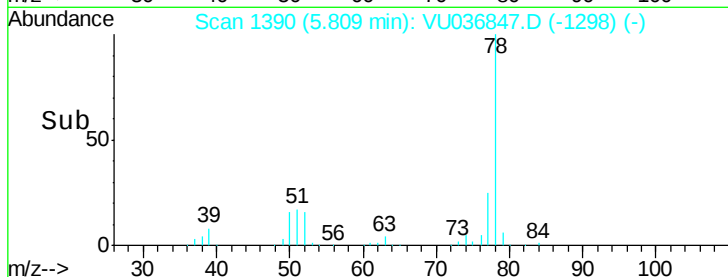
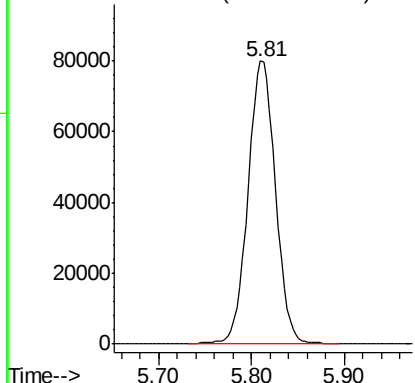
ClientSampleId :

DBDJ5MS

Tgt Ion: 78 Resp: 164597



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.192 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

Tgt Ion: 95 Resp: 40336

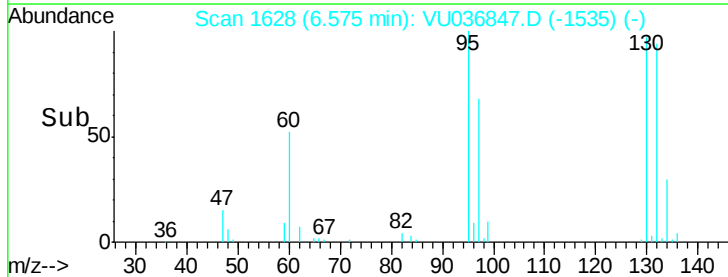
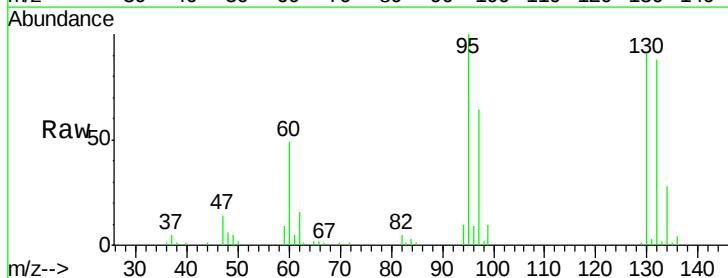
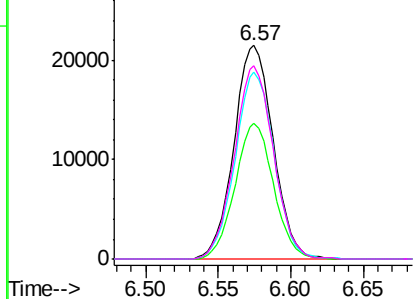
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.6	84.8
132	87.6	62.8	116.6
130	90.6	63.8	118.4

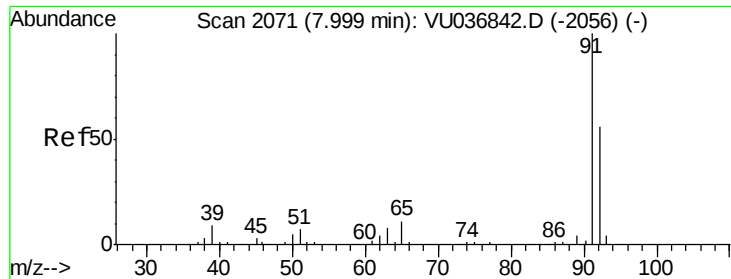
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.460 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

Instrument :

MSVOA_U

ClientSampleId :

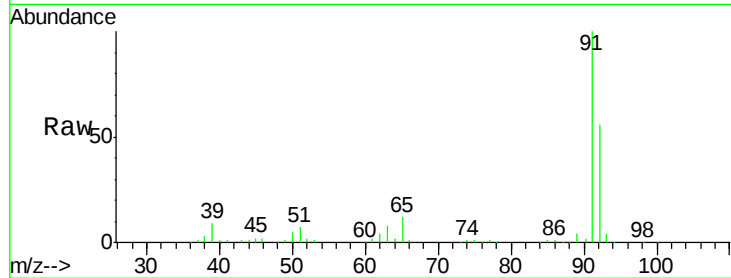
DBDJ5MS

Tot Ion: 91 Resp: 178883

Ion Ratio Lower Upper

91 100

92 55.8 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036842.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036842.D (-2056) (-)

8.00

100000

80000

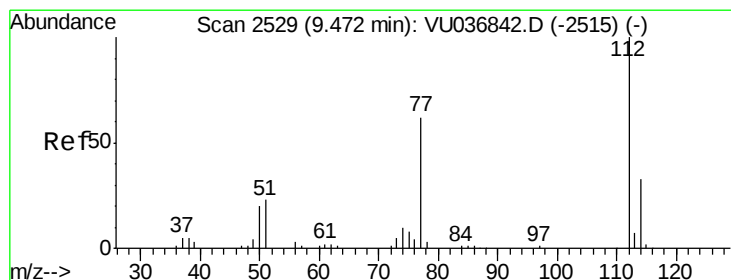
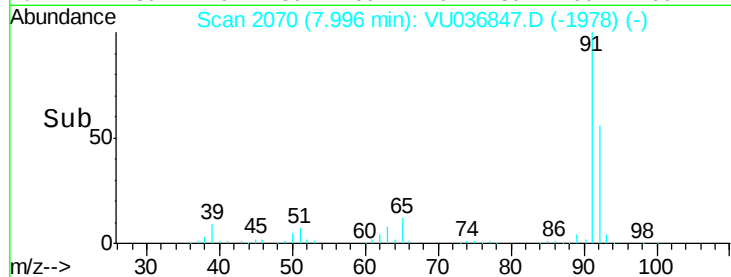
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05



#51

Chlorobenzene

Concen: 5.458 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036847.D

Acq: 19 Feb 2020 14:22

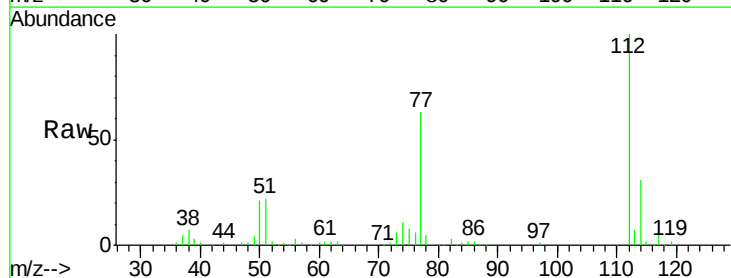
Tgt Ion: 112 Resp: 110607

Ion Ratio Lower Upper

112 100

114 31.3 22.9 42.5

77 63.0 51.0 76.4



Abundance Ion 112.10 (111.80 to 112.80): VU036842.D (-2515) (-)

Ion 114.05 (113.75 to 114.75): VU036842.D (-2515) (-)

Ion 77.10 (76.80 to 77.80): VU036842.D (-2515) (-)

9.47

80000

60000

40000

20000

0

Time--> 9.40 9.50 9.60

