

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021220\
 Data File : VU036749.D
 Acq On : 12 Feb 2020 14:36
 Operator : JC/MD
 Sample : L1487-05MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBCT5MSD

Quant Time: Feb 13 01:56:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 13 00:59:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	136709	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	128807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53156	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	47338	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.93	69	43240	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.59	63	83028	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	4.69	46	110989	45.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.04%
24) Chloroform-d	5.11	84	74716	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.74	65	43225	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	5.76	84	167298	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.73	67	53033	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.93	98	150163	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	8.20	79	19185	3.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.40%
46) 2-Hexanone-d5	8.66	63	95091	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	39283	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	46637	4.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.80%

Target Compounds

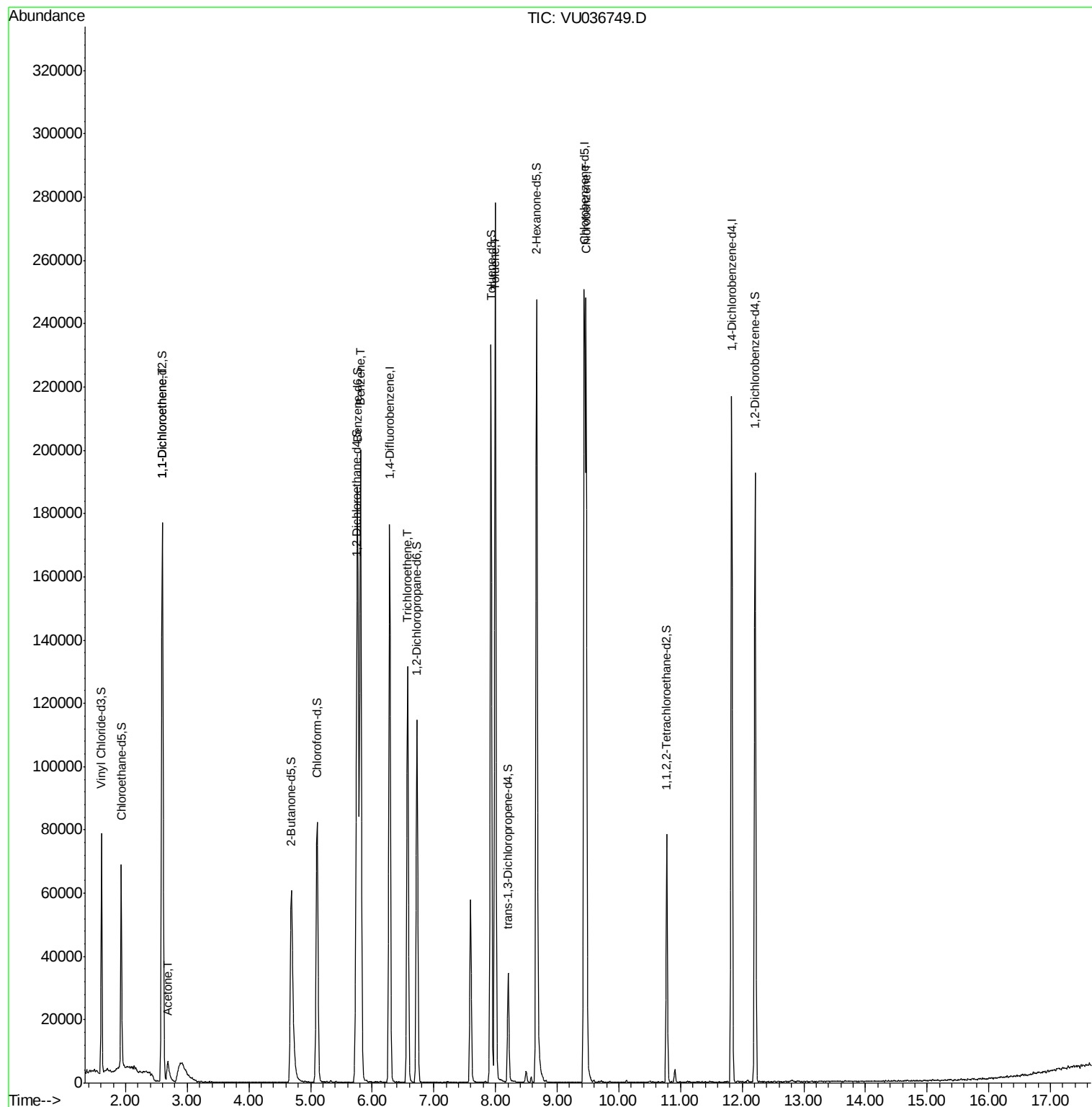
					Ovalue
12) 1,1-Dichloroethene	2.60	96	38008	4.571 ug/L	99
13) Acetone	2.68	43	12275	3.894 ug/L	98
33) Benzene	5.81	78	184487	4.643 ug/L	100
34) Trichloroethene	6.57	95	44930	4.440 ug/L	97
42) Toluene	8.00	91	199736	4.681 ug/L	96
51) Chlorobenzene	9.47	112	121773	4.613 ug/L	98

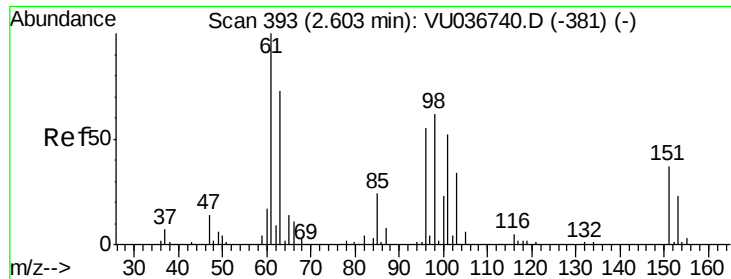
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.571 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036749.D

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Instrument :

MSVOA_U

ClientSampleId :

DBCT5MSD

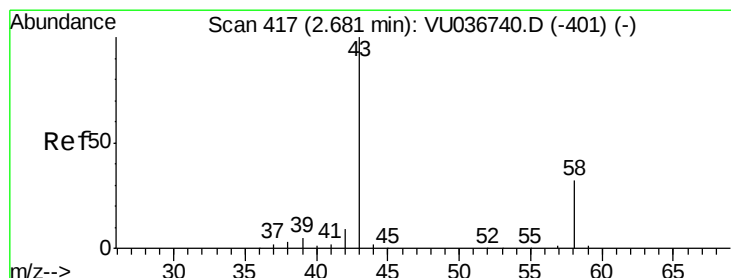
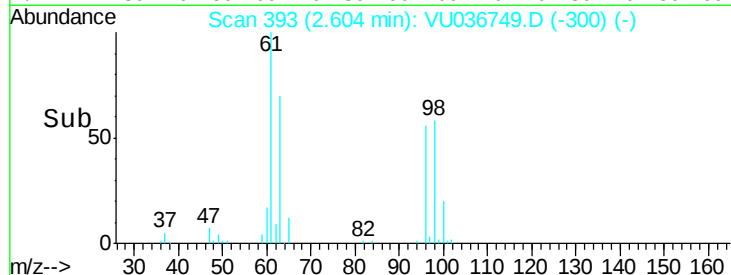
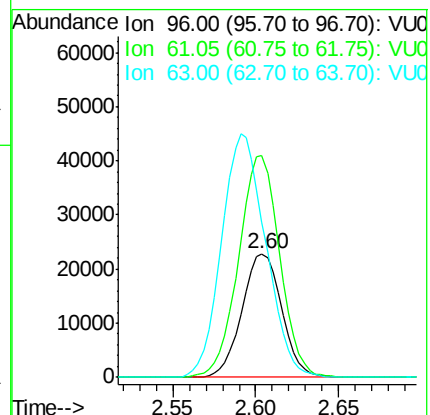
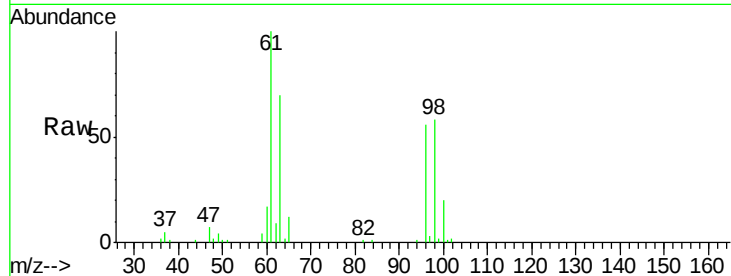
Tot Ion: 96 Resp: 38008

Ion Ratio Lower Upper

96 100

61 179.4 126.4 234.8

63 125.7 89.5 166.3



#13

Acetone

Concen: 3.894 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036749.D

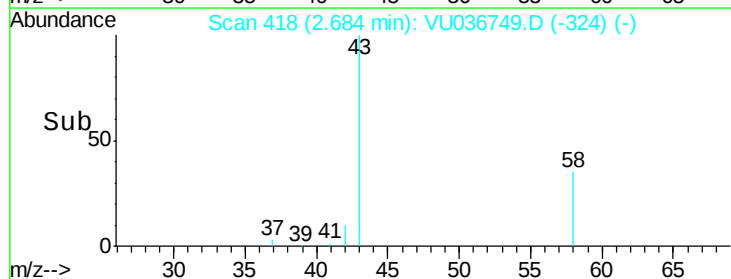
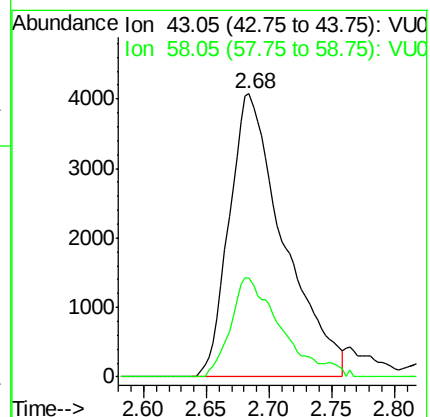
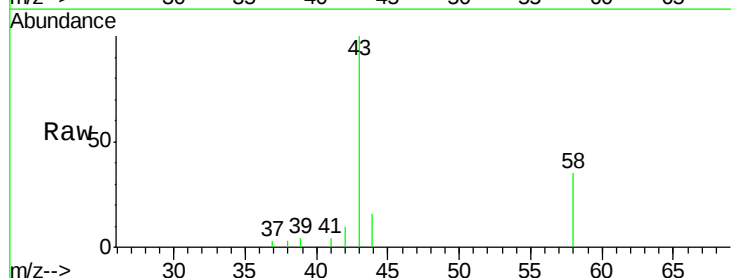
Acq: 12 Feb 2020 14:36

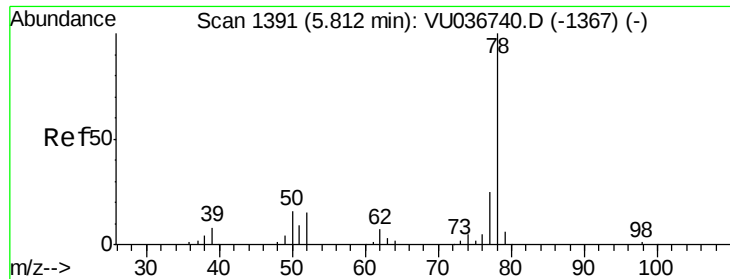
Tgt Ion: 43 Resp: 12275

Ion Ratio Lower Upper

43 100

58 31.1 0.0 64.2





#33

Benzene

Concen: 4.643 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

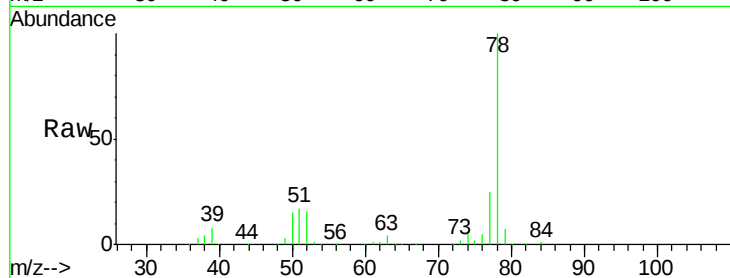
Instrument :

MSVOA_U

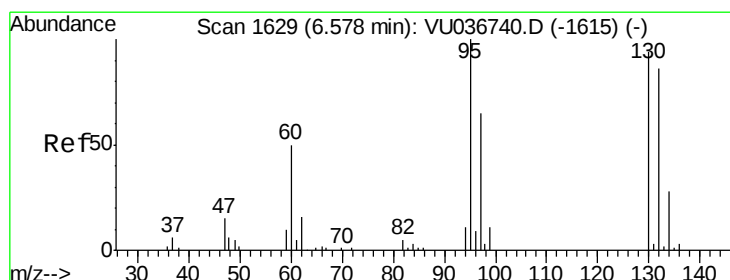
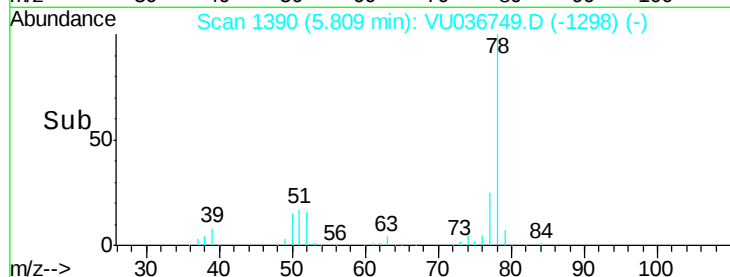
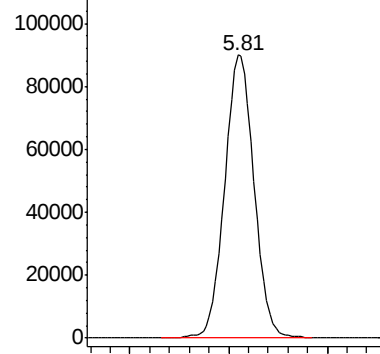
ClientSampleId :

DBCT5MSD

Tgt Ion: 78 Resp: 184487



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.440 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

Tgt Ion: 95 Resp: 44930

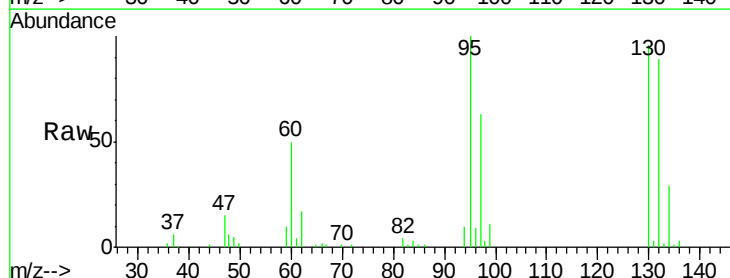
Ion	Ratio	Lower	Upper
95	100		
97	63.0	45.6	84.8
132	88.6	62.8	116.6
130	96.5	63.8	118.4

95 100

97 63.0 45.6 84.8

132 88.6 62.8 116.6

130 96.5 63.8 118.4

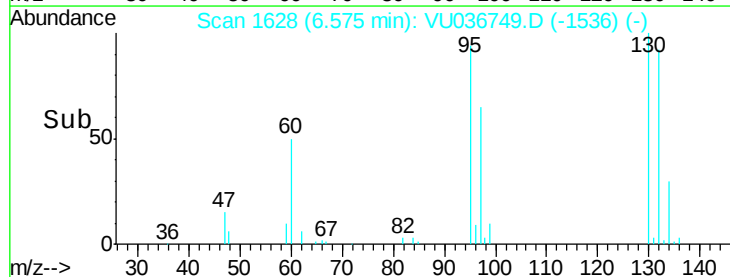
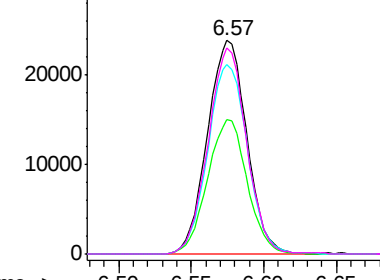


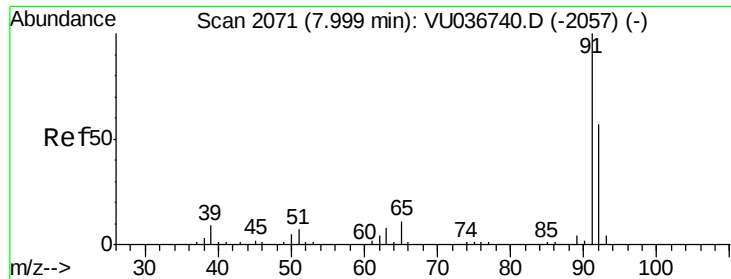
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.681 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

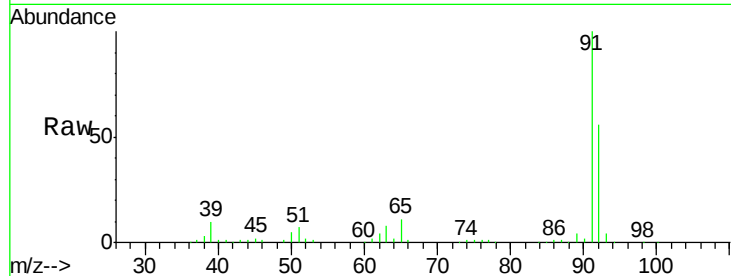
DBCT5MSD

Tot Ion: 91 Resp: 199736

Ion Ratio Lower Upper

91 100

92 55.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036749.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036749.D (-1978) (-)

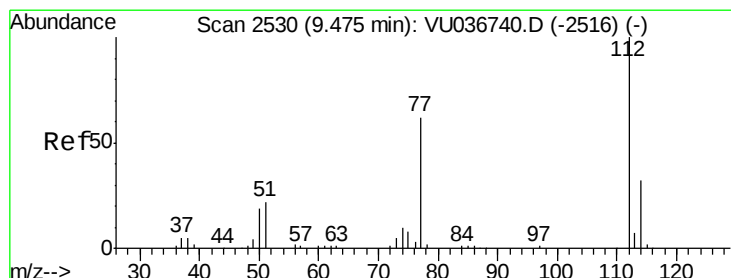
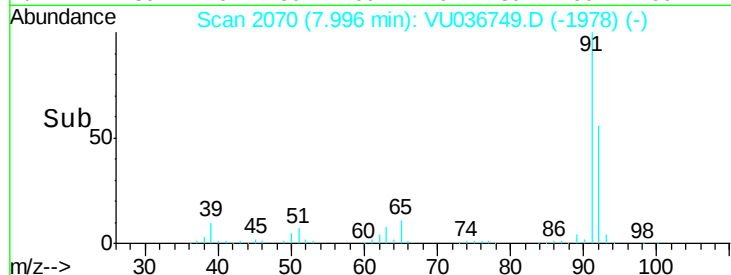
8.00

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 4.613 ug/L

RT: 9.47 min Scan# 2529

Delta R.T. -0.00 min

Lab File: VU036749.D

Acq: 12 Feb 2020 14:36

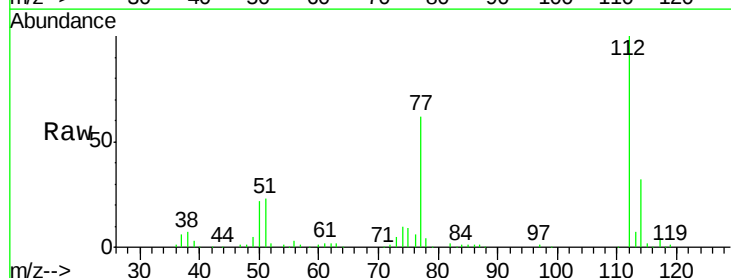
Tgt Ion: 112 Resp: 121773

Ion Ratio Lower Upper

112 100

114 32.1 22.9 42.5

77 62.2 51.0 76.4



Abundance Ion 112.10 (111.80 to 112.80): VU036749.D (-2437) (-)

Ion 114.05 (113.75 to 114.75): VU036749.D (-2437) (-)

Ion 77.10 (76.80 to 77.80): VU036749.D (-2437) (-)

9.47

100000

80000

60000

40000

20000

0

Time-->

