

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021920\
 Data File : VU036848.D
 Acq On : 19 Feb 2020 14:47
 Operator : JC/MD
 Sample : L1580-04MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ5MSD

Quant Time: Feb 20 05:46:22 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	6.29	114	103884	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	97941	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	38228	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	43830	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.93	69	39885	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	74206	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.67	46	101732	54.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.60%
24) Chloroform-d	5.11	84	72697	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.74	65	41798	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	5.76	84	158992	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.73	67	51697	5.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.60%
41) Toluene-d8	7.92	98	142116	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
43) trans-1,3-Dichloropropene-	8.20	79	17388	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.66	63	84083	50.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.24%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38200	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	42707	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

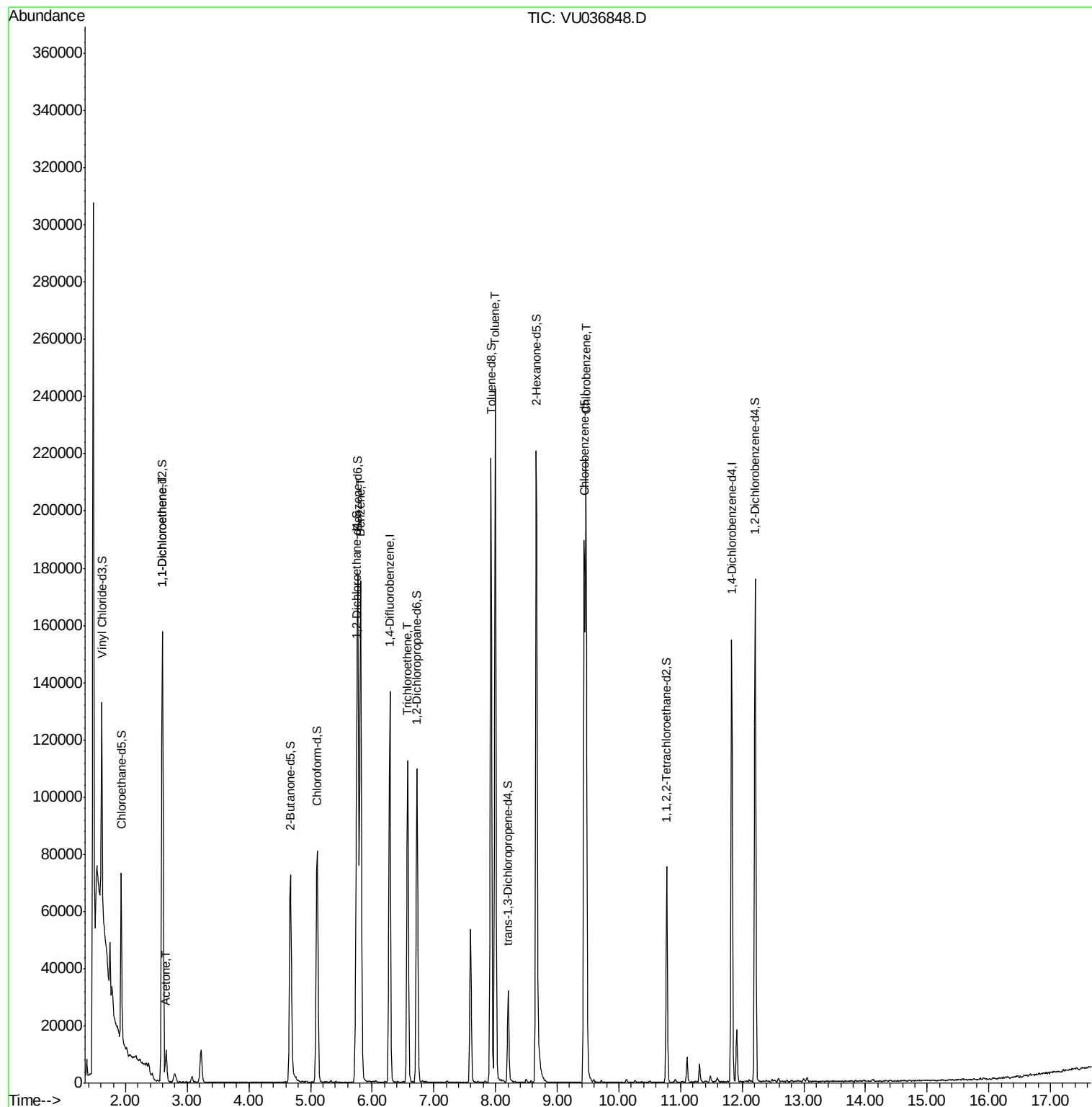
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	30902	4.890	ug/L	91
13) Acetone	2.66	43	11864	4.952	ug/L	97
33) Benzene	5.81	78	160934	5.327	ug/L	100
34) Trichloroethene	6.57	95	39665	5.155	ug/L	98
42) Toluene	8.00	91	173774	5.356	ug/L	99
51) Chlorobenzene	9.47	112	106270	5.295	ug/L	99

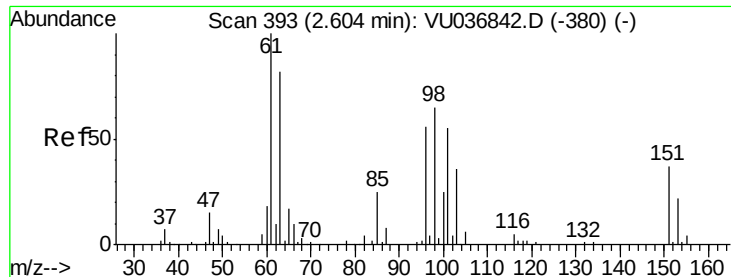
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 20 04:46:21 2020
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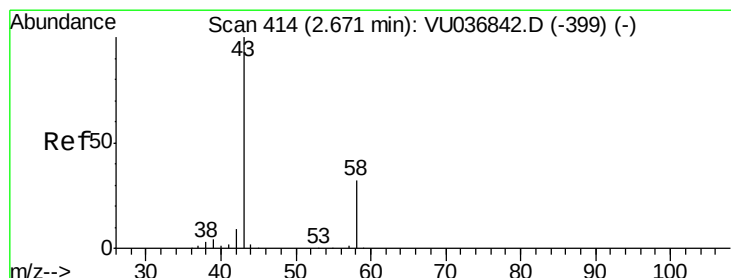
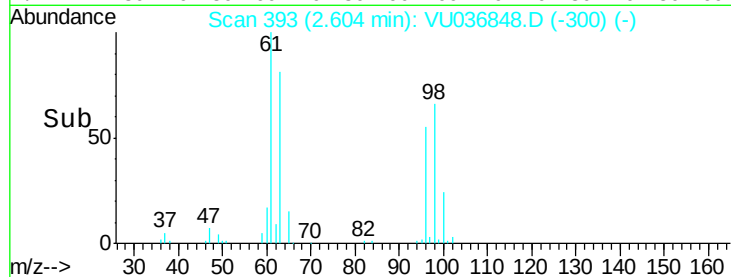
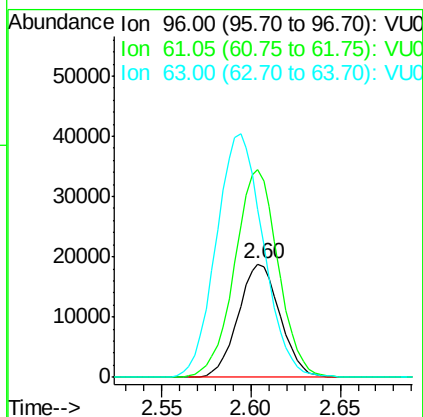
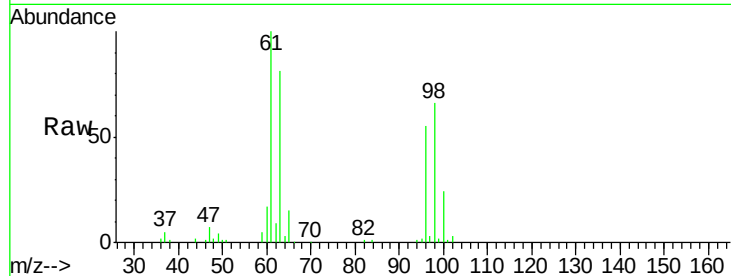




#12
 1,1-Dichloroethene
 Concen: 4.890 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

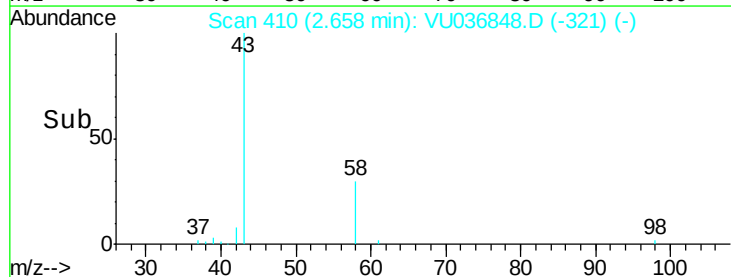
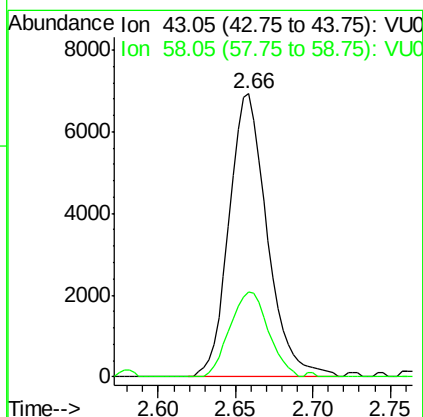
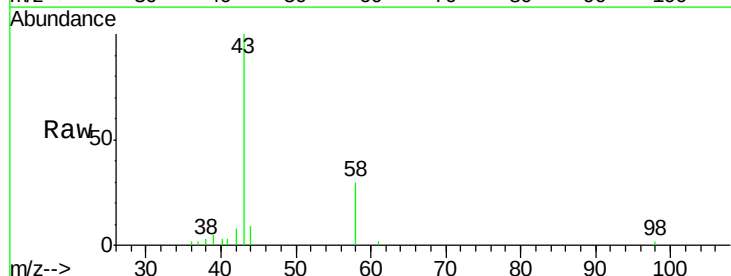
Instrument :
 MSVOA_U
 ClientSampleId :
 DBDJ5MSD

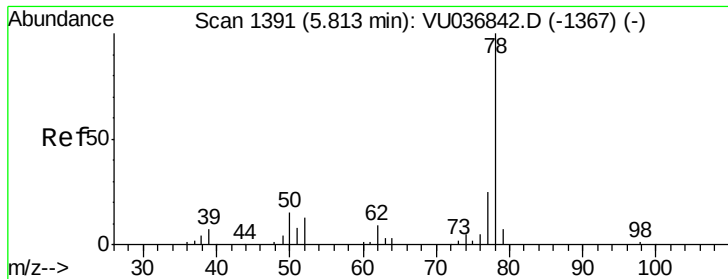
Tot Ion: 96 Resp: 30902
 Ion Ratio Lower Upper
 96 100
 61 183.4 126.4 234.8
 63 148.4 89.5 166.3



#13
 Acetone
 Concen: 4.952 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: VU036848.D
 Acq: 19 Feb 2020 14:47

Tgt Ion: 43 Resp: 11864
 Ion Ratio Lower Upper
 43 100
 58 30.3 0.0 64.2





#33

Benzene

Concen: 5.327 ug/L

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

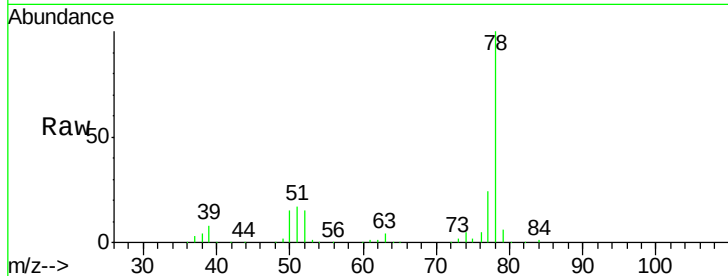
Instrument :

MSVOA_U

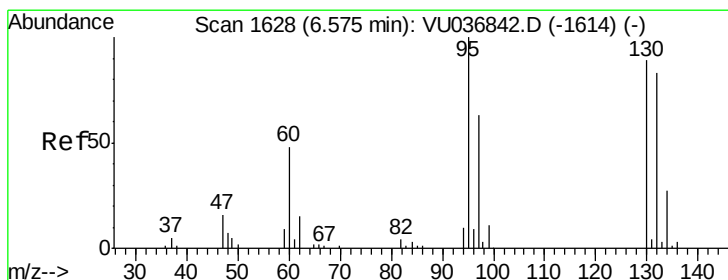
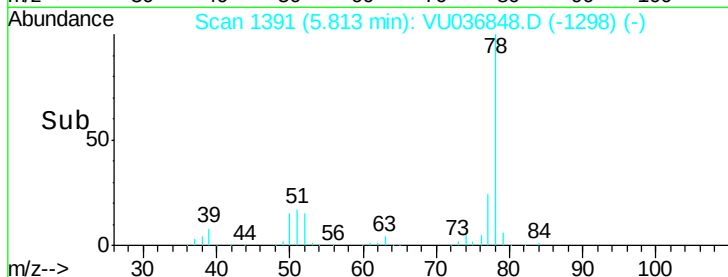
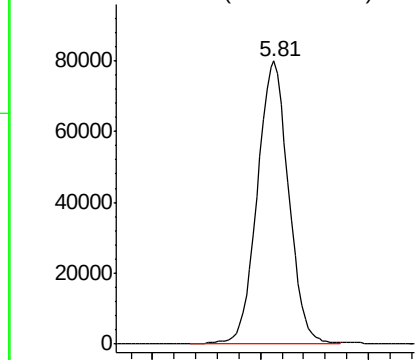
ClientSampled :

DBDJ5MSD

Tgt Ion: 78 Resp: 160934



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.155 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

Tgt Ion: 95 Resp: 39665

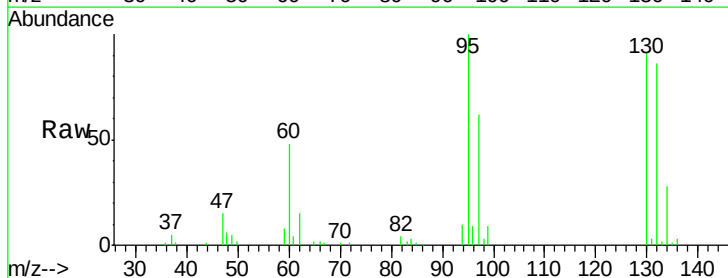
Ion	Ratio	Lower	Upper
95	100		
97	62.5	45.6	84.8
132	86.1	62.8	116.6
130	91.1	63.8	118.4

95 100

97 62.5 45.6 84.8

132 86.1 62.8 116.6

130 91.1 63.8 118.4

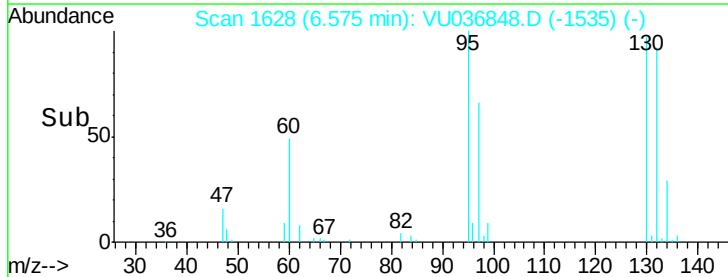
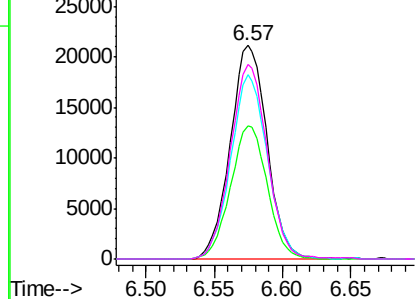


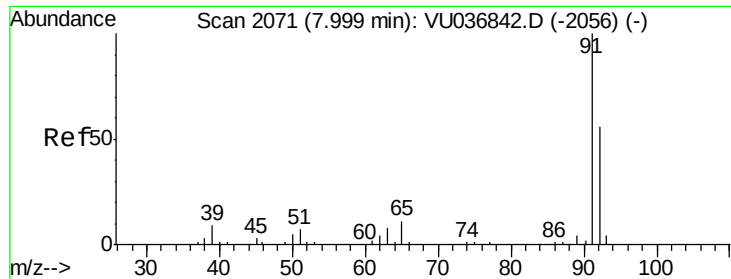
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.356 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

Instrument :

MSVOA_U

ClientSampleId :

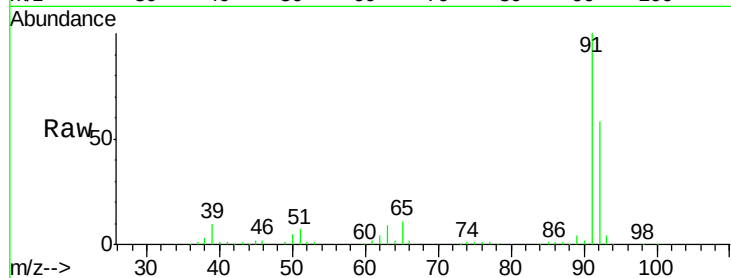
DBDJ5MSD

Tot Ion: 91 Resp: 173774

Ion Ratio Lower Upper

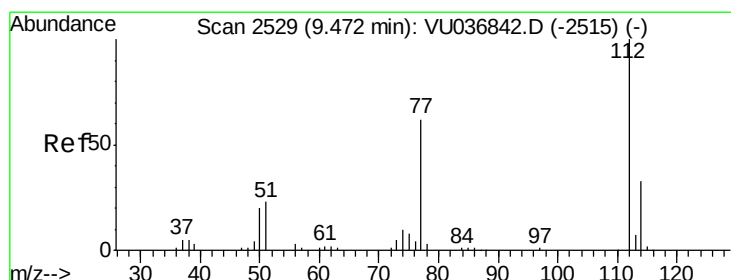
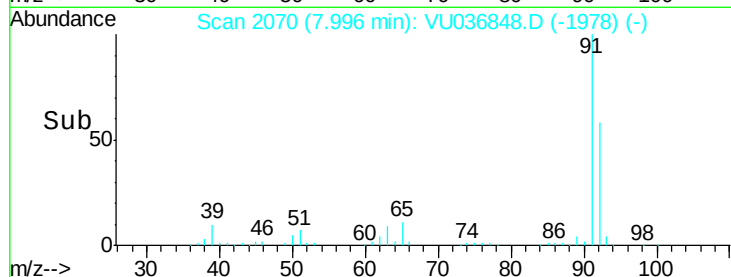
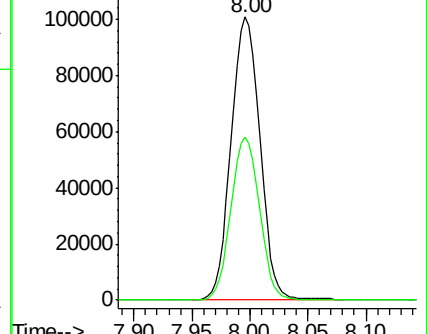
91 100

92 57.7 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) (-)



#51

Chlorobenzene

Concen: 5.295 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036848.D

Acq: 19 Feb 2020 14:47

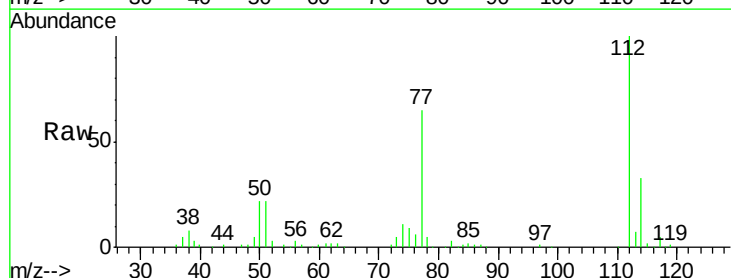
Tgt Ion: 112 Resp: 106270

Ion Ratio Lower Upper

112 100

114 32.5 22.9 42.5

77 64.7 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) (-)

