

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021720\
 Data File : VU036811.D
 Acq On : 17 Feb 2020 15:44
 Operator : JC/MD
 Sample : L1540-04MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBD33MS

Quant Time: Feb 18 01:52:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 18 00:46:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	129926	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	121096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	48750	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35471	3.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.40%
7) Chloroethane-d5	1.93	69	36179	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.59	63	70212	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.67	46	99852	42.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.22%
24) Chloroform-d	5.11	84	67606	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	5.74	65	38757	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
32) Benzene-d6	5.76	84	143848	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	6.73	67	48100	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.93	98	127010	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	8.20	79	16700	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.66	63	81916	39.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.98%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	35871	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	40131	4.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.40%

Target Compounds

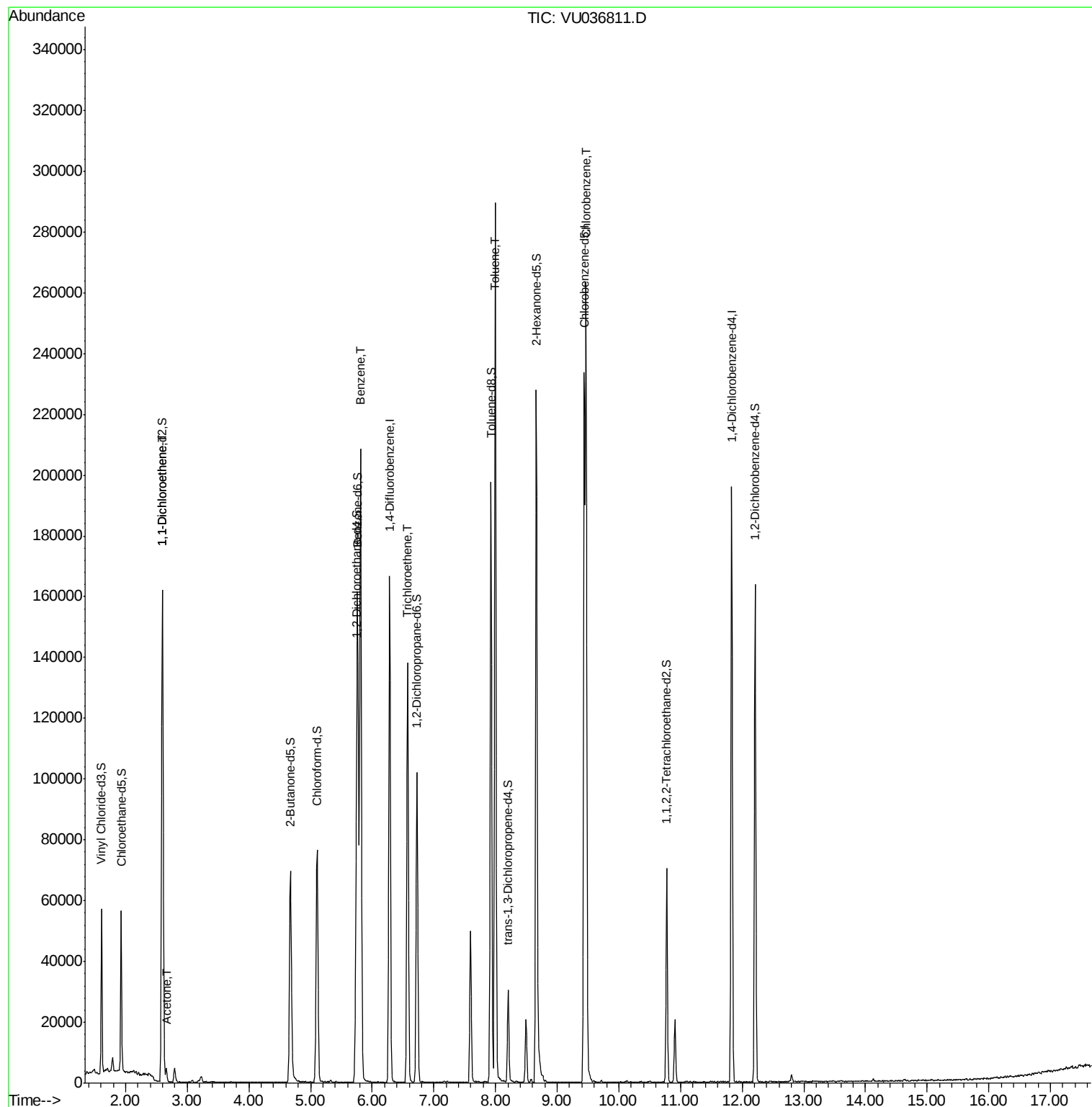
					Ovalue
12) 1,1-Dichloroethene	2.60	96	37650	4.764 ug/L	92
13) Acetone	2.66	43	5362	1.790 ug/L	95
33) Benzene	5.81	78	191023	5.114 ug/L	100
34) Trichloroethene	6.57	95	48367	5.084 ug/L	97
42) Toluene	8.00	91	210232	5.241 ug/L	97
51) Chlorobenzene	9.47	112	131702	5.307 ug/L	98

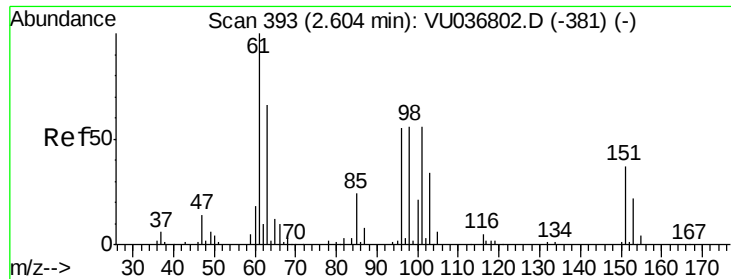
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU021720\
Data File : VU036811.D
Acq On : 17 Feb 2020 15:44
Operator : JC/MD
Sample : L1540-04MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBD33MS

Quant Time: Feb 18 01:52:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 18 00:46:02 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.764 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU036811.D

Acq: 17 Feb 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

DBD33MS

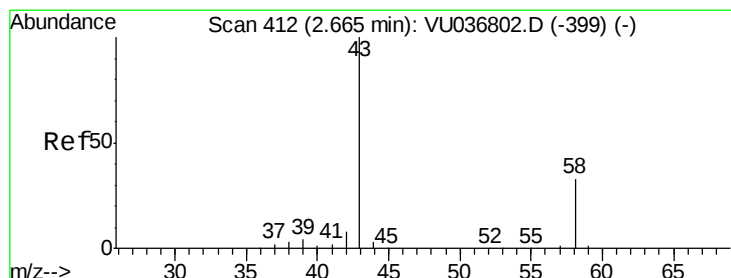
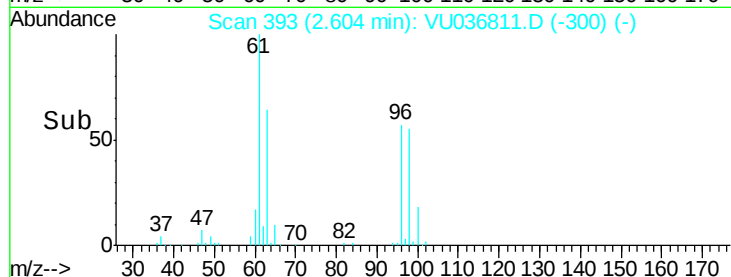
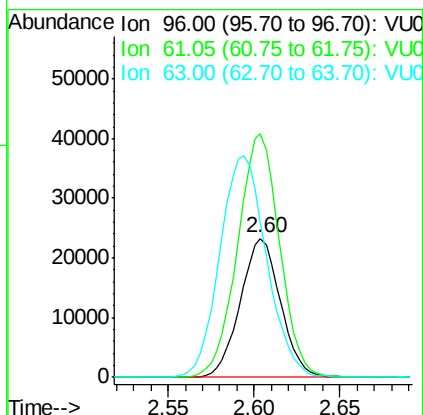
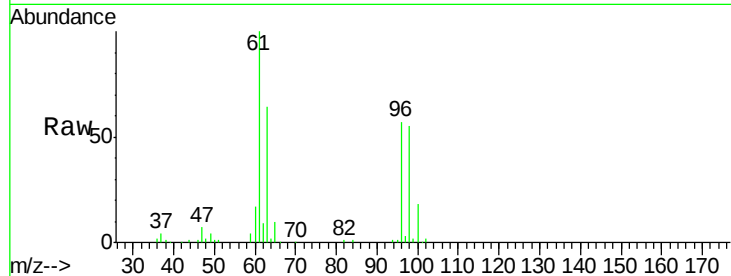
Tot Ion: 96 Resp: 37650

Ion Ratio Lower Upper

96 100

61 175.1 126.4 234.8

63 111.8 89.5 166.3



#13

Acetone

Concen: 1.790 ug/L

RT: 2.66 min Scan# 411

Delta R.T. -0.00 min

Lab File: VU036811.D

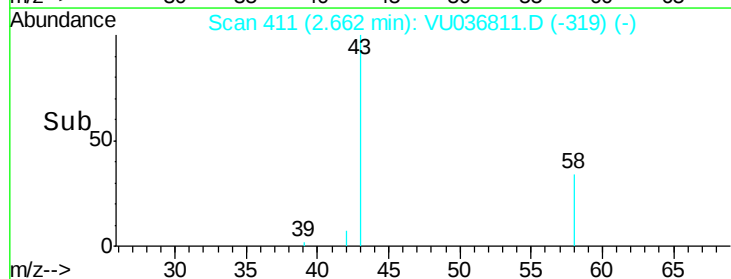
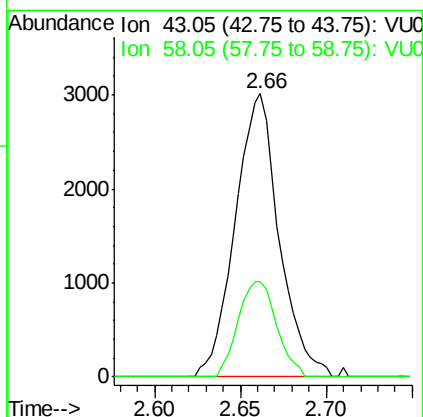
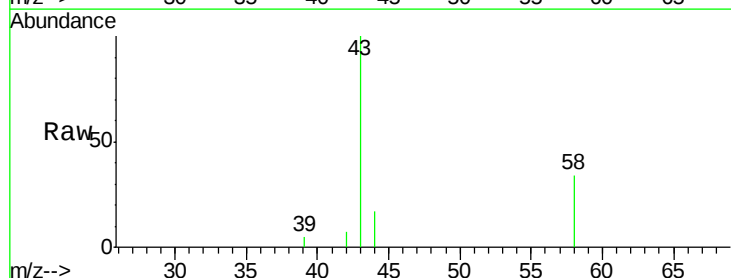
Acq: 17 Feb 2020 15:44

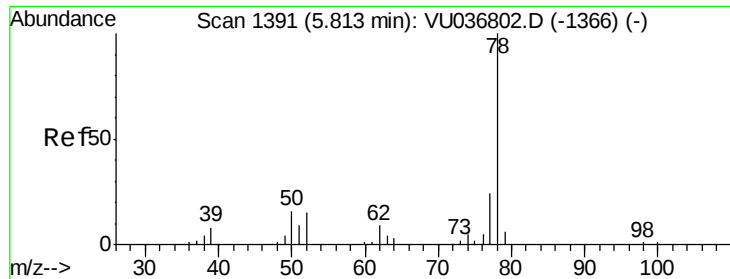
Tgt Ion: 43 Resp: 5362

Ion Ratio Lower Upper

43 100

58 29.5 0.0 64.2

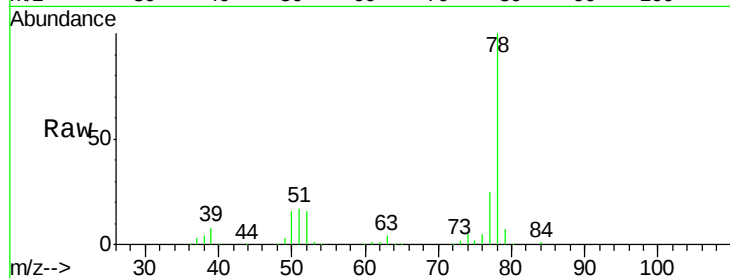




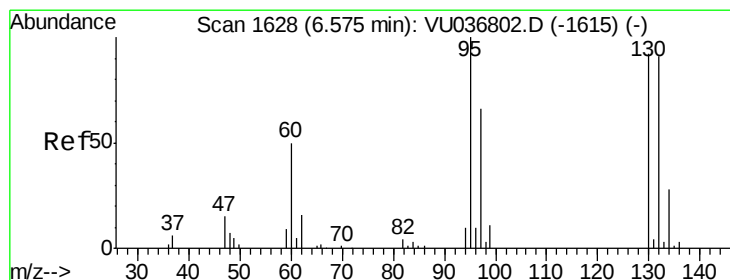
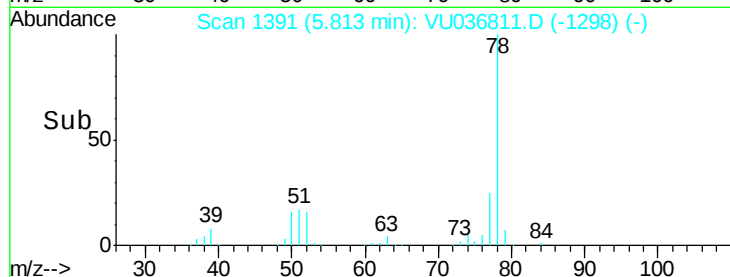
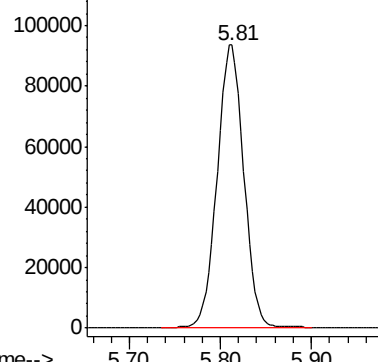
#33
Benzene
Concen: 5.114 ug/L
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU036811.D
Acq: 17 Feb 2020 15:44

Instrument :
MSVOA_U
ClientSampleId :
DBD33MS

Tgt Ion: 78 Resp: 191023



Abundance Ion 78.10 (77.80 to 78.80): VU0



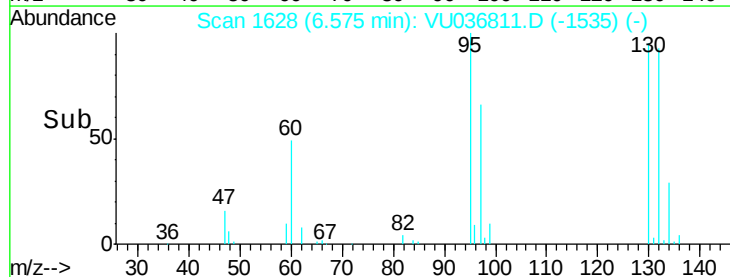
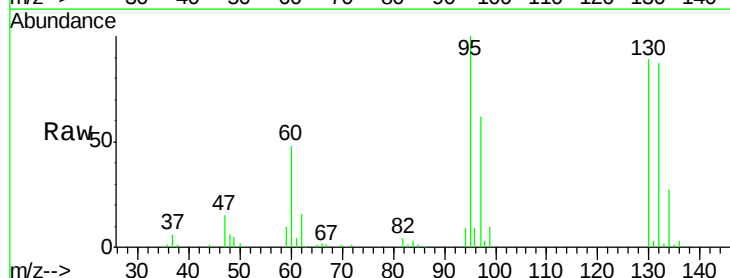
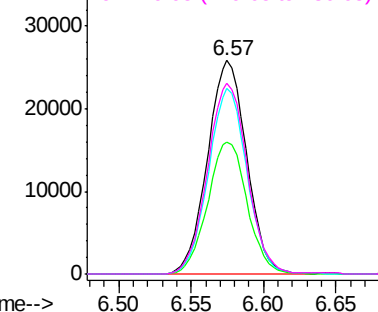
#34
Trichloroethene
Concen: 5.084 ug/L
RT: 6.57 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VU036811.D
Acq: 17 Feb 2020 15:44

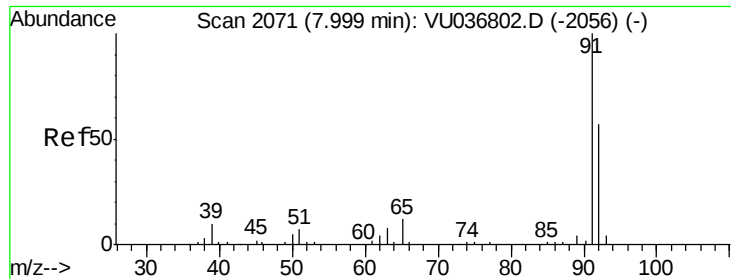
Tgt Ion: 95 Resp: 48367

Ion	Ratio	Lower	Upper
95	100		
97	61.8	45.6	84.8
132	86.6	62.8	116.6
130	89.3	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: 5.241 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU036811.D

Acq: 17 Feb 2020 15:44

Instrument :

MSVOA_U

ClientSampleId :

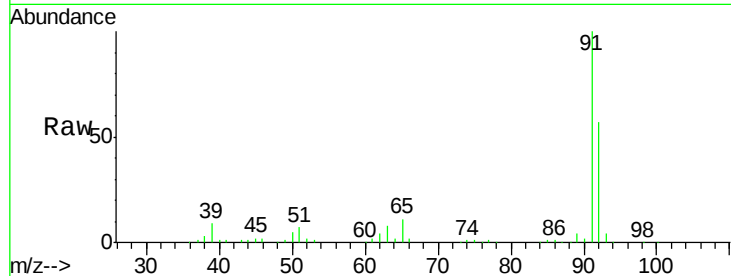
DBD33MS

Tot Ion: 91 Resp: 210232

Ion Ratio Lower Upper

91 100

92 56.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VU036811.D (-1978) (-)

Ion 92.15 (91.85 to 92.85): VU036811.D (-1978) (-)

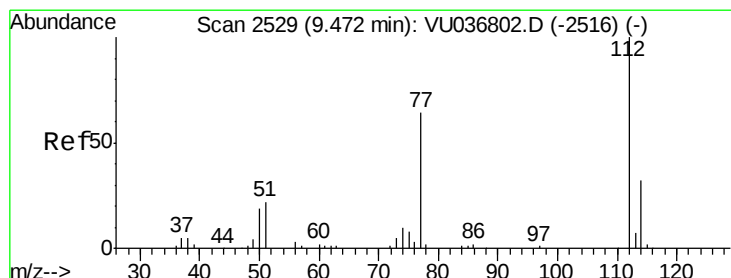
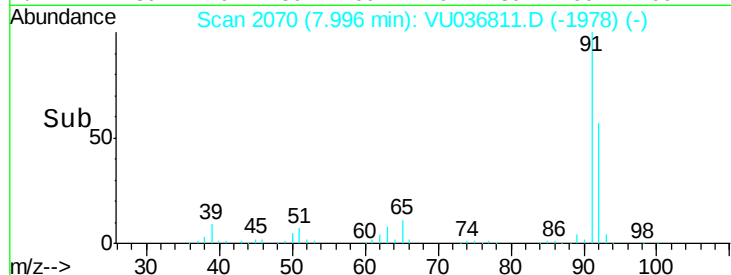
8.00

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 5.307 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. -0.00 min

Lab File: VU036811.D

Acq: 17 Feb 2020 15:44

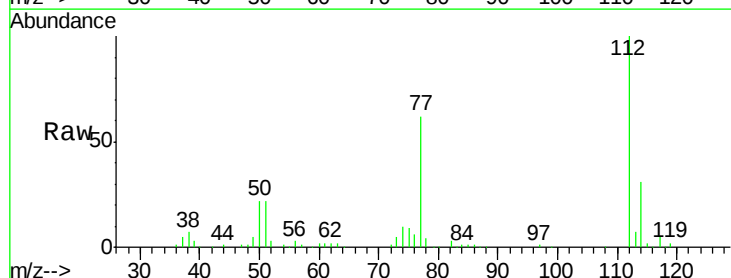
Tgt Ion: 112 Resp: 131702

Ion Ratio Lower Upper

112 100

114 31.4 22.9 42.5

77 62.4 51.0 76.4



Abundance Ion 112.10 (111.80 to 112.80): VU036811.D (-2436) (-)

Ion 114.05 (113.75 to 114.75): VU036811.D (-2436) (-)

Ion 77.10 (76.80 to 77.80): VU036811.D (-2436) (-)

9.47

100000

80000

60000

40000

20000

0

Time-->

