

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111519\
 Data File : VU035725.D
 Acq On : 15 Nov 2019 14:39
 Operator : JC/SP
 Sample : K5856-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG1

Quant Time: Nov 16 02:34:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 16 01:36:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	216306	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	241605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	104163	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	80675	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.93	69	77711	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.59	63	103834	2.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.40%#
20) 2-Butanone-d5	4.71	46	236473	48.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.20%
24) Chloroform-d	5.11	84	159735	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.75	65	87250	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.77	84	302185	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.74	67	105265	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.93	98	243960	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	8.22	79	37179	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.68	63	160837	41.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.58%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94444	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	92570	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

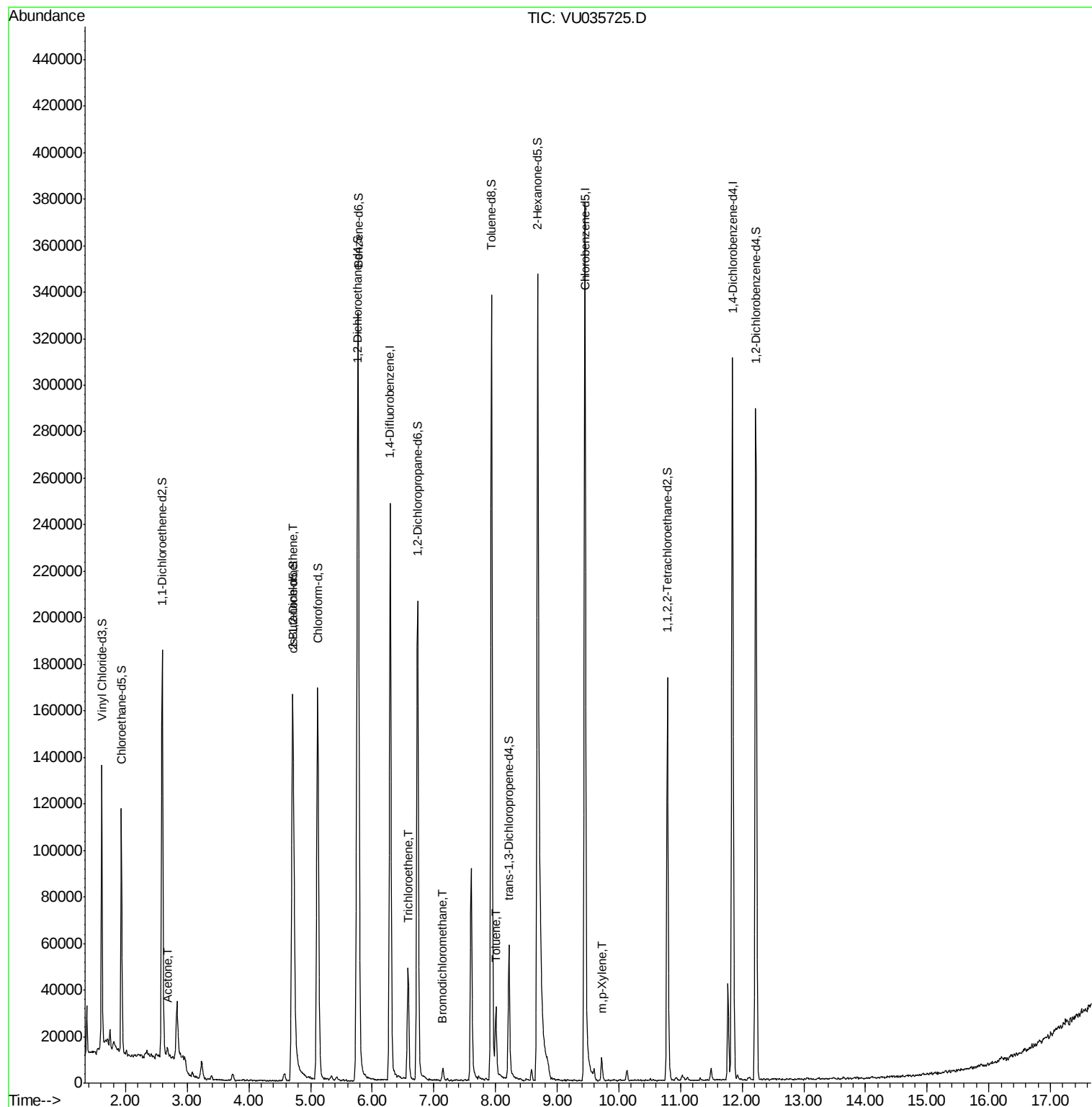
					Ovalue
13) Acetone	2.68	43	3835	1.082 ug/L	94
22) cis-1,2-Dichloroethene	4.72	96	10497	0.485 ug/L	90
34) Trichloroethene	6.58	95	17008	0.782 ug/L	94
38) Bromodichloromethane	7.15	83	4238	0.156 ug/L	97
42) Toluene	8.00	91	20204	0.226 ug/L	93
53) m,p-Xylene	9.73	106	3215	0.090 ug/L	97

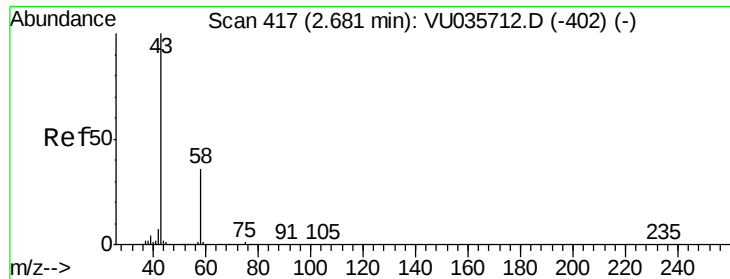
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.082 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

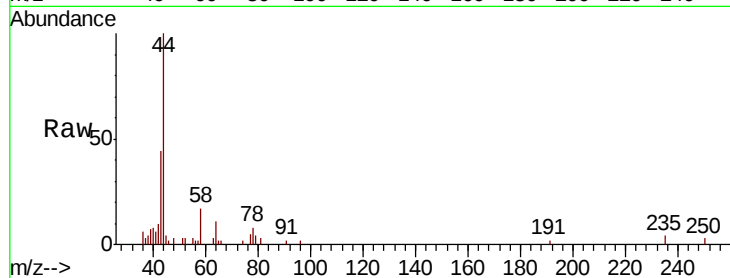
GAQG1

Tot Ion: 43 Resp: 3835

Ion Ratio Lower Upper

43 100

58 38.4 0.0 69.8



Abundance Ion 43.05 (42.75 to 43.75): VU035712.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035712.D (-402) (-)

2.68

2500

2000

1500

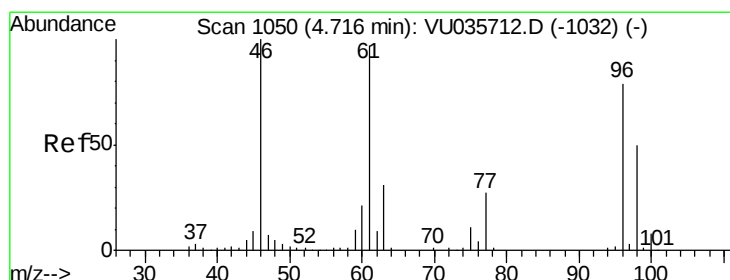
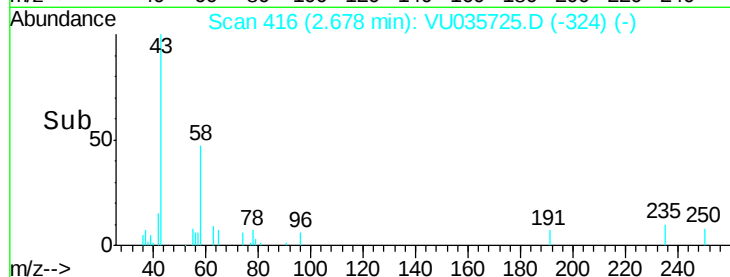
1000

500

0

Time-->

2.60 2.65 2.70 2.75



#22

cis-1,2-Dichloroethene

Concen: 0.485 ug/L

RT: 4.72 min Scan# 1052

Delta R.T. 0.01 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

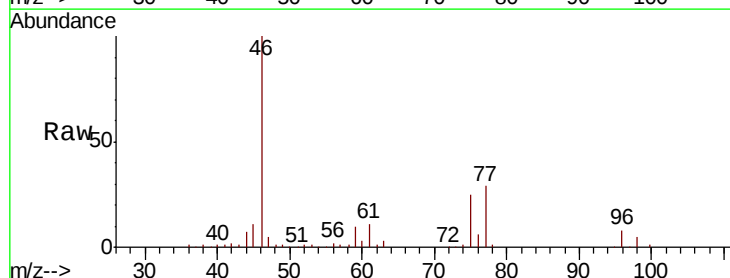
Tgt Ion: 96 Resp: 10497

Ion Ratio Lower Upper

96 100

61 136.1 87.0 161.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU035712.D (-1032) (-)

Ion 61.05 (60.75 to 61.75): VU035712.D (-1032) (-)

Ion 68.15 (67.85 to 68.85): VU035712.D (-1032) (-)

8000

6000

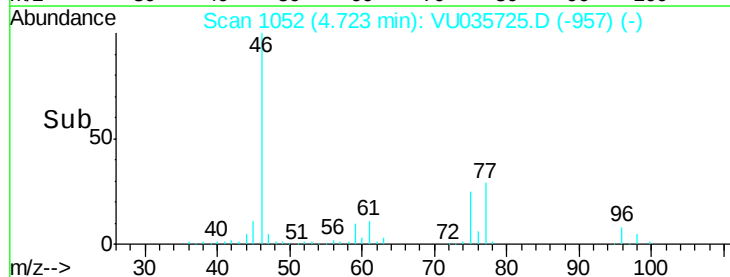
4000

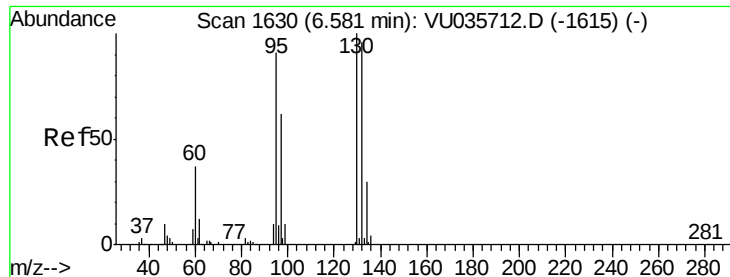
2000

0

Time-->

4.65 4.70 4.75 4.80





#34

Trichloroethene

Concen: 0.782 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

GAQG1

Tot Ion: 95 Resp: 17008

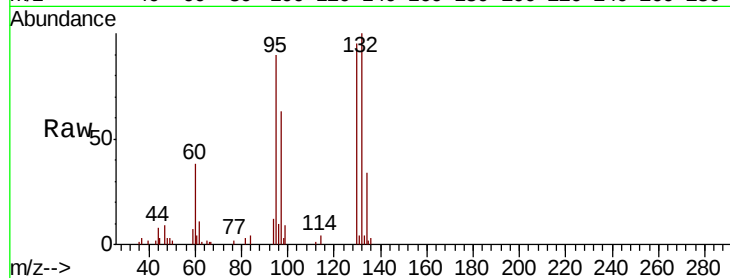
Ion Ratio Lower Upper

95 100

97 69.9 44.5 82.7

132 110.7 69.9 129.7

130 105.5 74.1 137.7

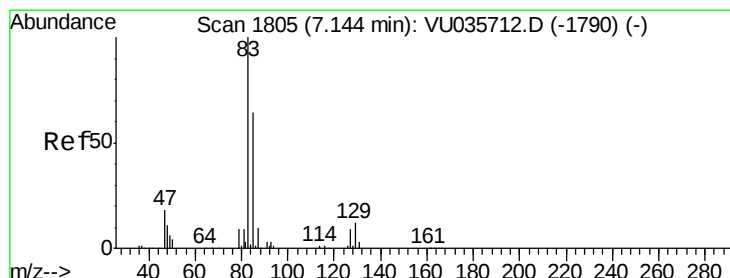
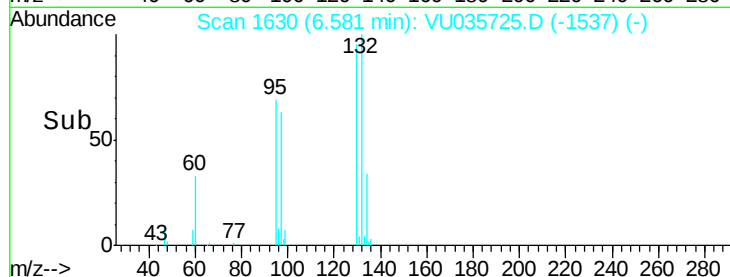
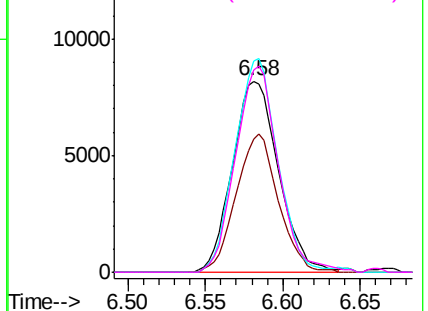


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#38

Bromodichloromethane

Concen: 0.156 ug/L

RT: 7.15 min Scan# 1807

Delta R.T. 0.01 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

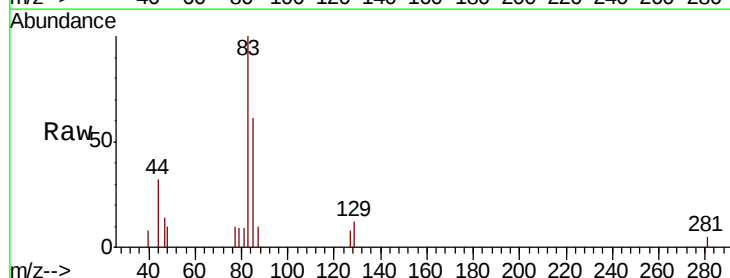
Tgt Ion: 83 Resp: 4238

Ion Ratio Lower Upper

83 100

85 61.4 44.7 82.9

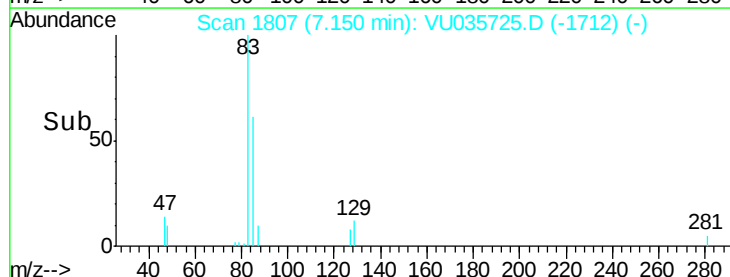
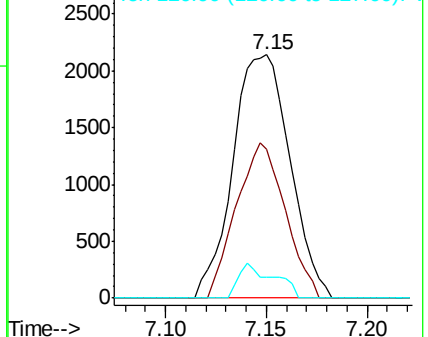
127 8.4 7.1 10.7

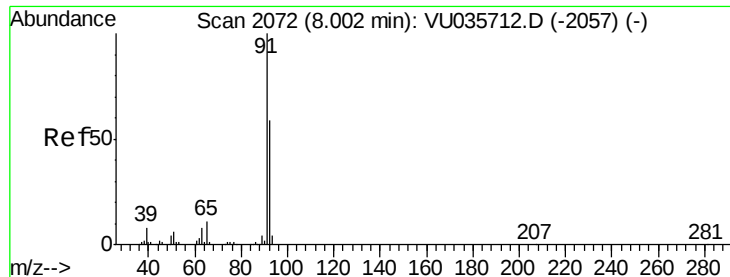


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 126.90 (126.60 to 127.60): V





#42

Toluene

Concen: 0.226 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU035725.D

Acq: 15 Nov 2019 14:39

Instrument :

MSVOA_U

ClientSampleId :

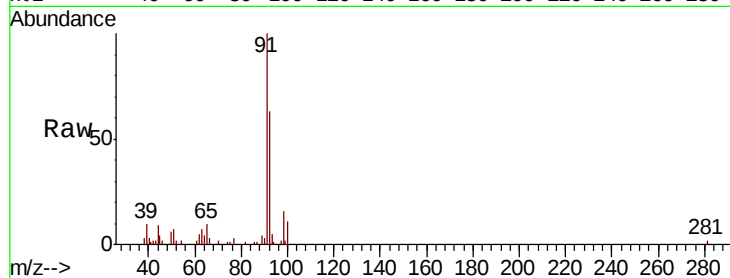
GAQG1

Tot Ion: 91 Resp: 20204

Ion Ratio Lower Upper

91 100

92 62.8 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VU035712.D (-2057) (-)

Ion 92.15 (91.85 to 92.85): VU035712.D (-2057) (-)

8.00

12000

10000

8000

6000

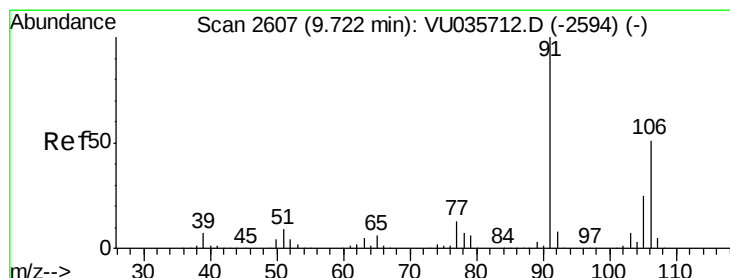
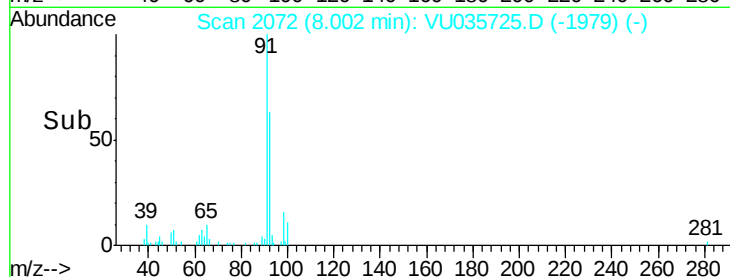
4000

2000

0

7.95 8.00 8.05

Time-->



#53

m,p-Xylene

Concen: 0.090 ug/L

RT: 9.73 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VU035725.D

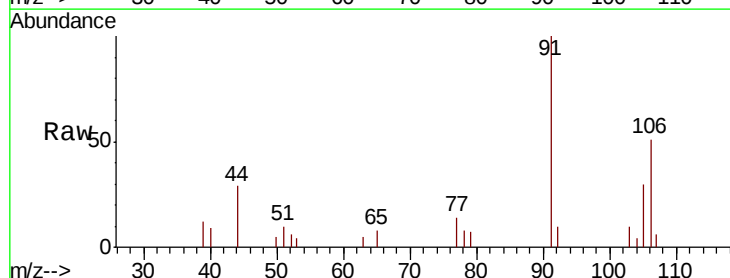
Acq: 15 Nov 2019 14:39

Tgt Ion: 106 Resp: 3215

Ion Ratio Lower Upper

106 100

91 194.6 139.4 259.0



Abundance Ion 106.15 (105.85 to 106.85): VU035712.D (-2594) (-)

Ion 91.15 (90.85 to 91.85): VU035712.D (-2594) (-)

9.73

4000

3000

2000

1000

0

9.70 9.75

Time-->

