

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\
 Data File : VU038400.D
 Acq On : 30 May 2020 00:38
 Operator : JC/MD
 Sample : L2766-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y8DL

Quant Time: May 30 03:16:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:03:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	302649	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294781	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144109	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90259	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	1.93	69	84507	3.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.60%
11) 1,1-Dichloroethene-d2	2.59	63	138954	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	4.67	46	352708	51.64	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.28%
24) Chloroform-d	5.10	84	197207	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	120874	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.76	84	410738	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.72	67	129217	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.92	98	348403	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.20	79	49977	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.65	63	299368	55.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109141	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	141421	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

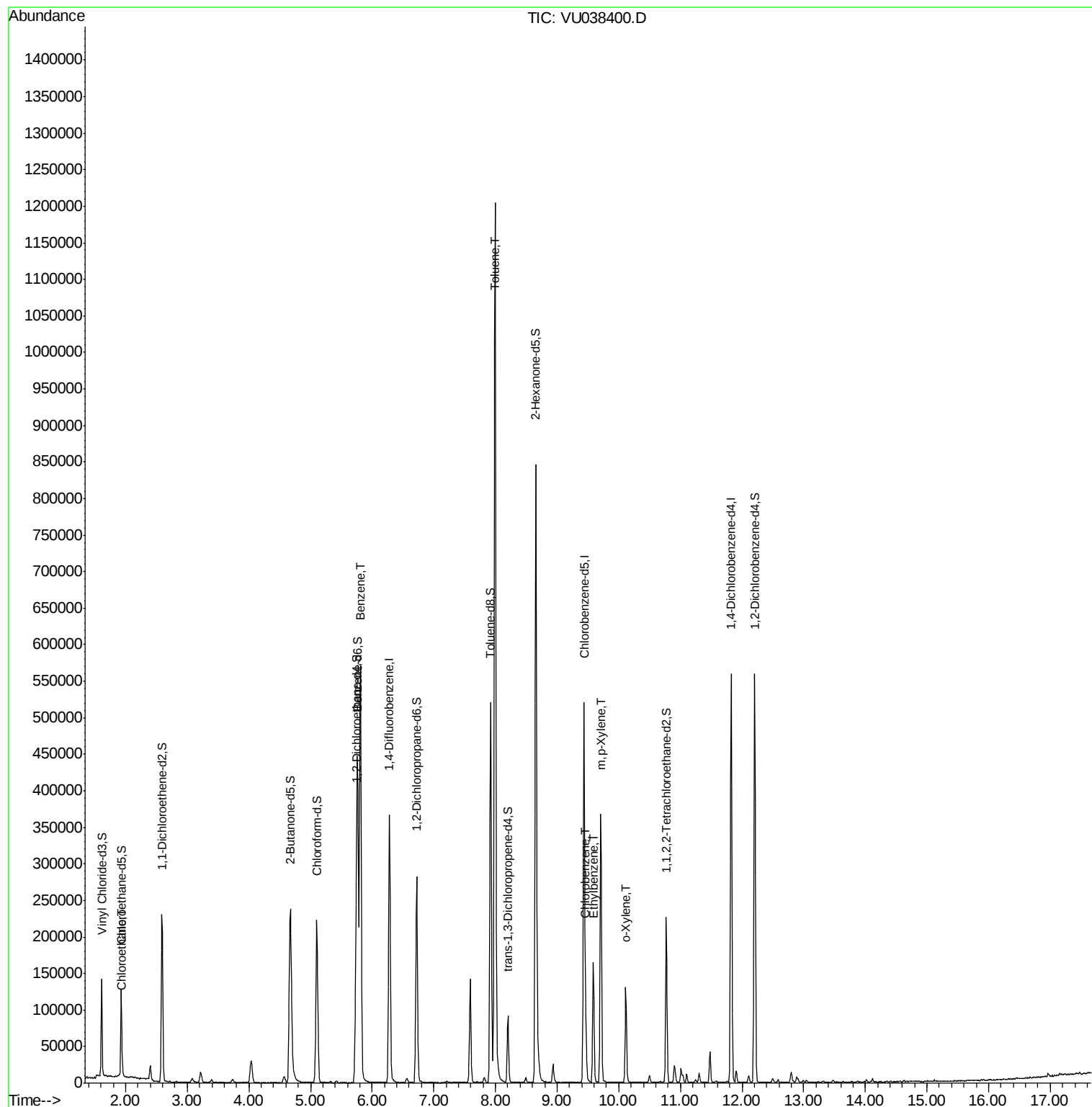
					Qvalue
8) Chloroethane	1.95	64	4825	0.24 ug/L	# 75
33) Benzene	5.81	78	542727	5.75 ug/L	100
42) Toluene	7.99	91	893137	8.96 ug/L	98
51) Chlorobenzene	9.46	112	35603	0.58 ug/L	93
52) Ethylbenzene	9.59	91	116717	1.08 ug/L	99
53) m,p-Xylene	9.71	106	104770	2.53 ug/L	96
54) o-Xylene	10.11	106	35549	0.89 ug/L	87

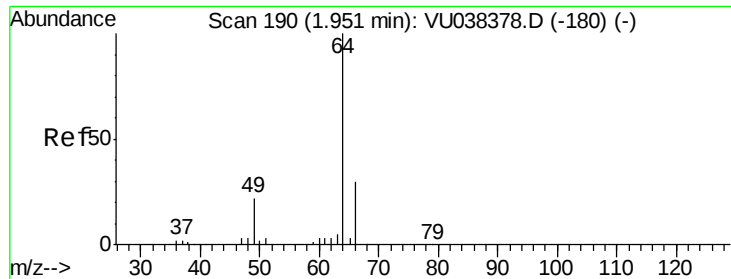
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.24 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU038400.D

Acq: 30 May 2020 00:38

Instrument :

MSVOA_U

ClientSampleId :

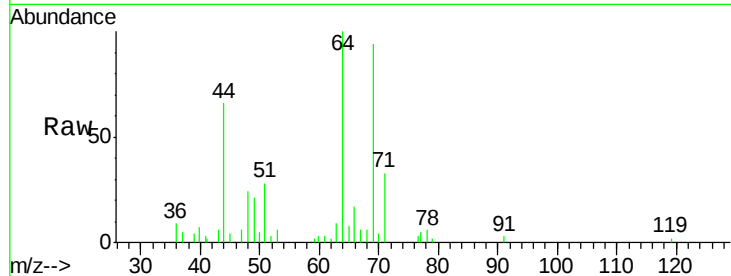
BE4Y8DL

Tgt Ion: 64 Resp: 4825

Ion Ratio Lower Upper

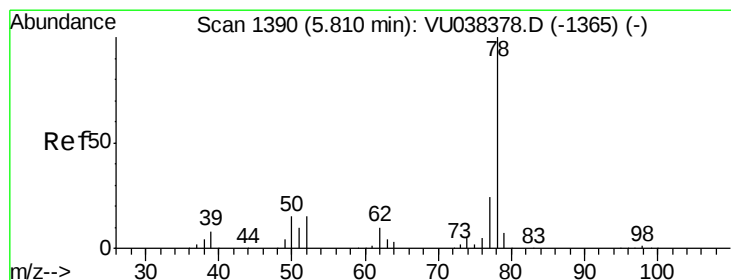
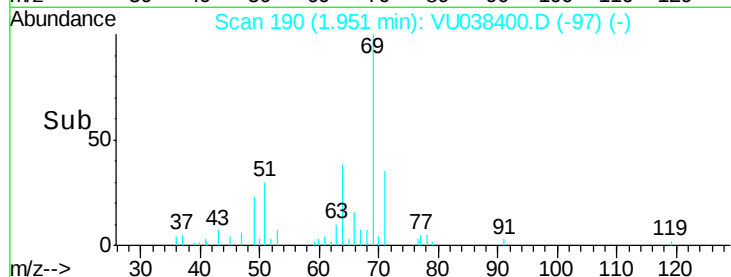
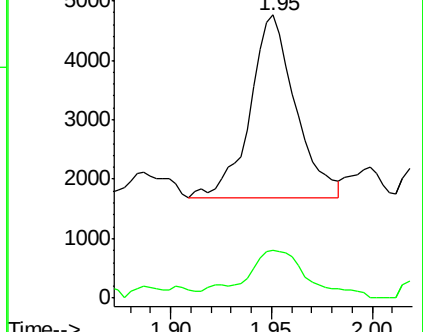
64 100

66 17.1 21.8 40.4#



Abundance Ion 64.10 (63.80 to 64.80): VU038378.D (-180) (-)

Ion 66.05 (65.75 to 66.75): VU038378.D (-180) (-)



#33

Benzene

Concen: 5.75 ug/L

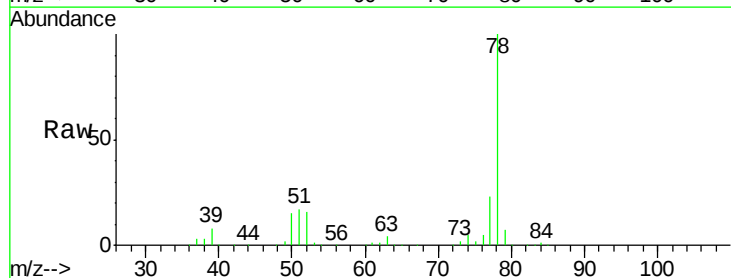
RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU038400.D

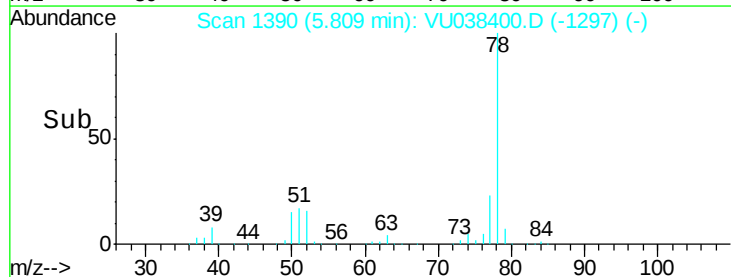
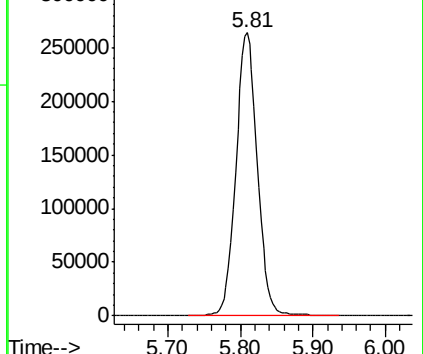
Acq: 30 May 2020 00:38

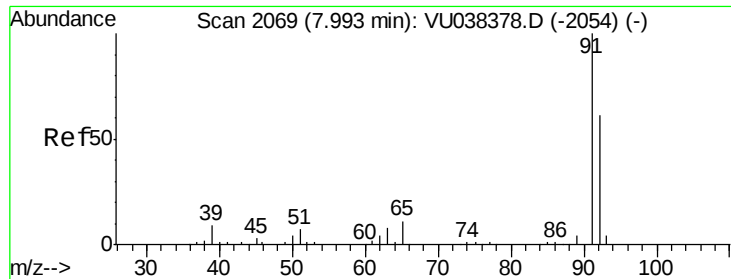
Tgt Ion: 78 Resp: 542727



Abundance Ion 78.10 (77.80 to 78.80): VU038378.D (-1365) (-)

Ion 78.10 (77.80 to 78.80): VU038378.D (-1365) (-)





#42

Toluene

Concen: 8.96 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038400.D

Acq: 30 May 2020 00:38

Instrument :

MSVOA_U

ClientSampleId :

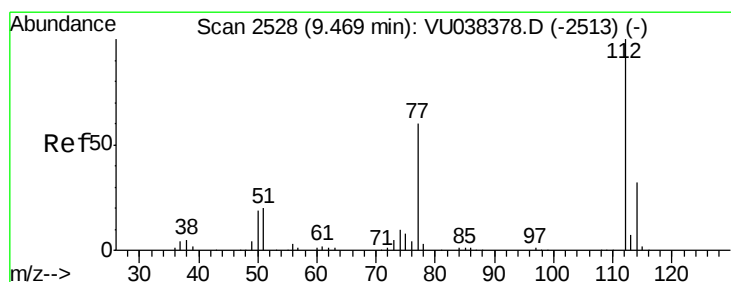
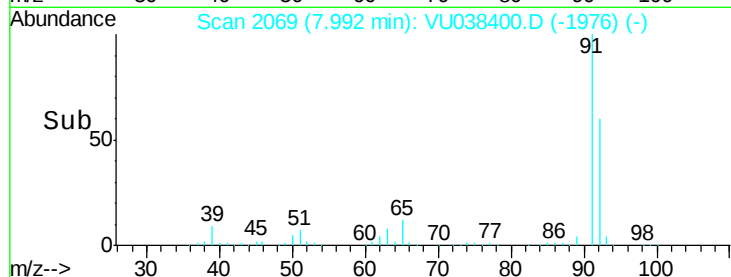
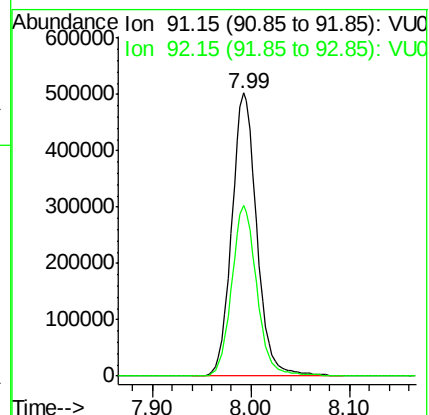
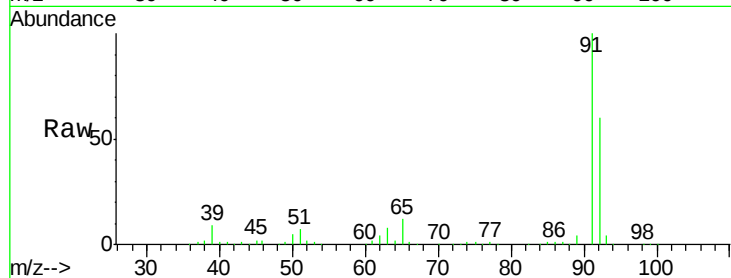
BE4Y8DL

Tgt Ion: 91 Resp: 893137

Ion Ratio Lower Upper

91 100

92 60.2 40.9 75.9



#51

Chlorobenzene

Concen: 0.58 ug/L

RT: 9.46 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU038400.D

Acq: 30 May 2020 00:38

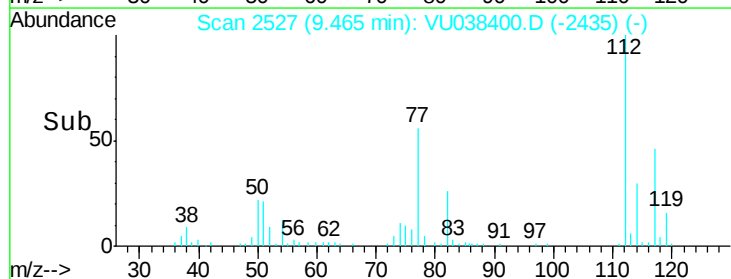
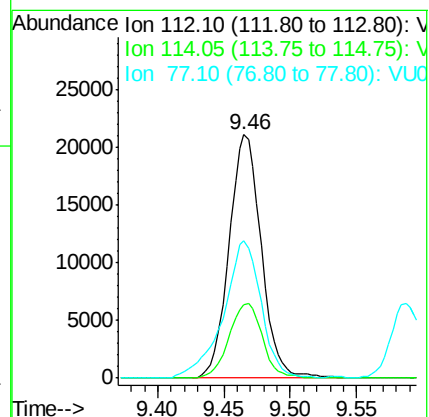
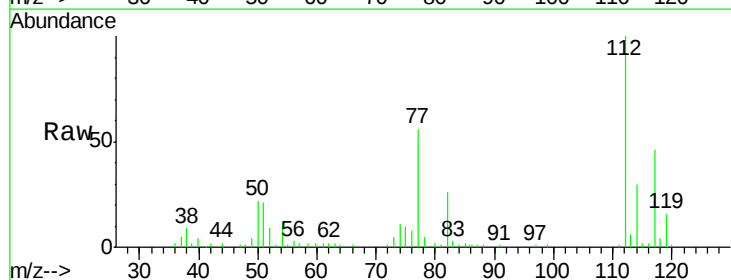
Tgt Ion: 112 Resp: 35603

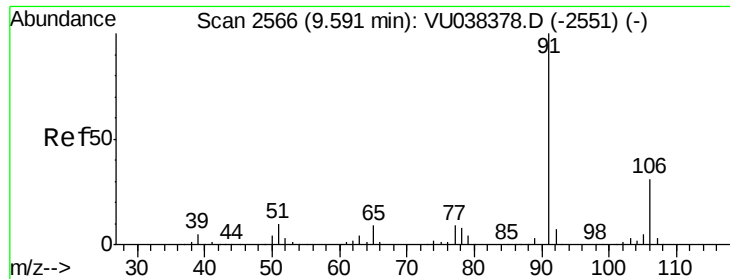
Ion Ratio Lower Upper

112 100

114 30.1 22.5 41.7

77 56.2 49.9 74.9





#52

Ethylbenzene

Concen: 1.08 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038400.D

Acq: 30 May 2020 00:38

Instrument :

MSVOA_U

ClientSampleId :

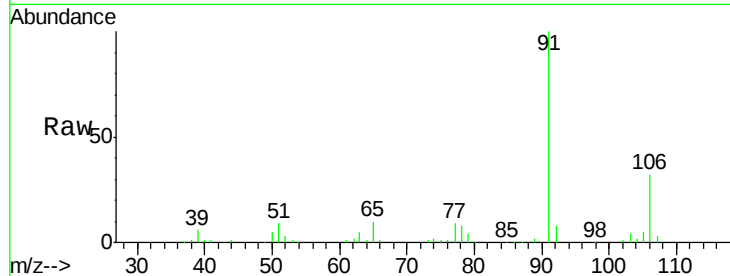
BE4Y8DL

Tgt Ion: 91 Resp: 116717

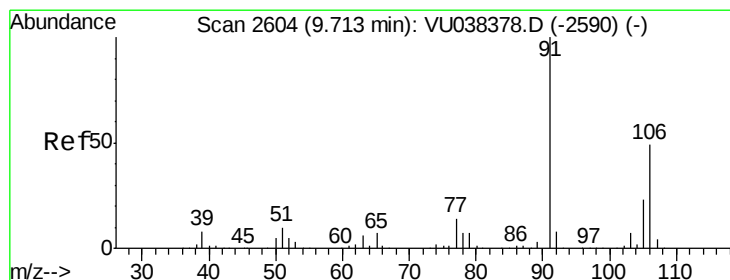
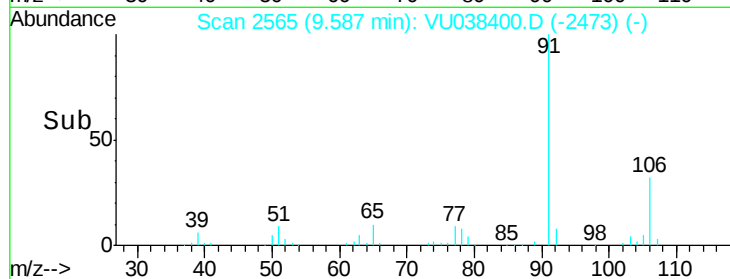
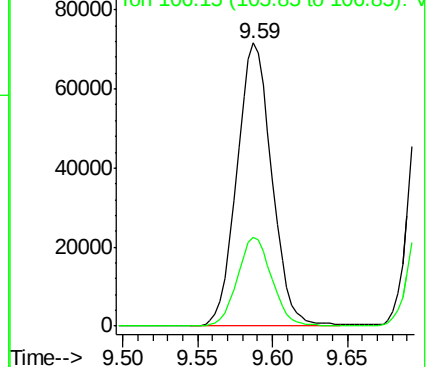
Ion Ratio Lower Upper

91 100

106 31.5 21.8 40.4



Abundance Ion 91.15 (90.85 to 91.85): VU038378.D (-2551) (-)



#53

m,p-Xylene

Concen: 2.53 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU038400.D

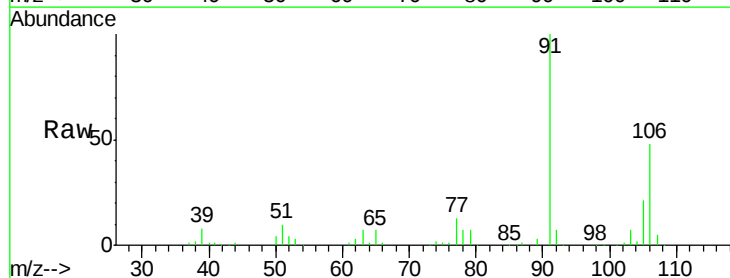
Acq: 30 May 2020 00:38

Tgt Ion: 106 Resp: 104770

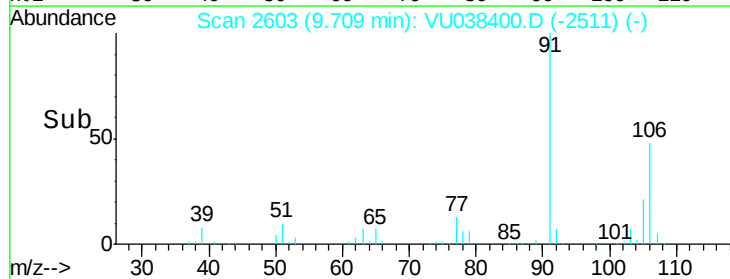
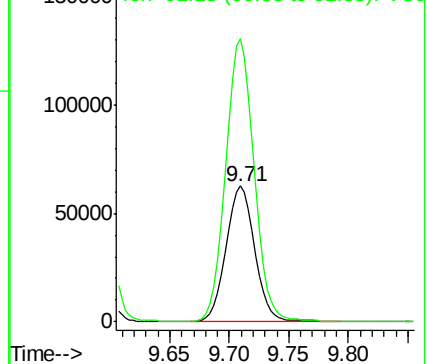
Ion Ratio Lower Upper

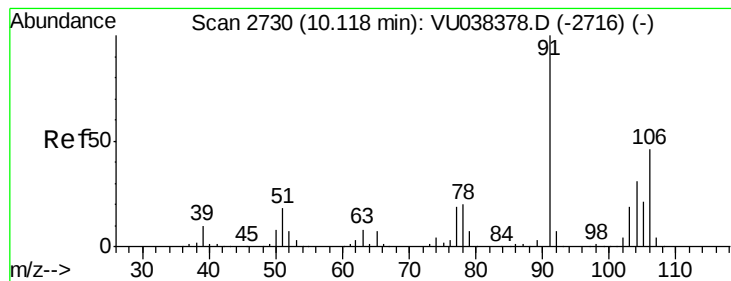
106 100

91 208.8 142.1 263.9



Abundance Ion 106.15 (105.85 to 106.85): VU038378.D (-2590) (-)





#54
 o-Xylene
 Concen: 0.89 ug/L
 RT: 10.11 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VU038400.D
 Acq: 30 May 2020 00:38

Instrument :
 MSVOA_U
 ClientSampleId :
 BE4Y8DL

Tgt Ion:106 Resp: 35549
 Ion Ratio Lower Upper
 106 100
 91 232.0 148.5 275.9

