

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062620\
 Data File : VU039162.D
 Acq On : 26 Jun 2020 14:06
 Operator : SY/MD
 Sample : L3110-02DL 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F12DL

Quant Time: Jun 27 00:40:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 23:52:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	254940	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247374	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	110000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67269	3.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	1.93	69	72098	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.59	63	110896	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	4.68	46	415825	61.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.44%
24) Chloroform-d	5.10	84	183053	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.74	65	117304	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.76	84	338659	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.72	67	116743	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.92	98	264522	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	8.20	79	48017	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.66	63	304619	58.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.82%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113098	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	112568	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

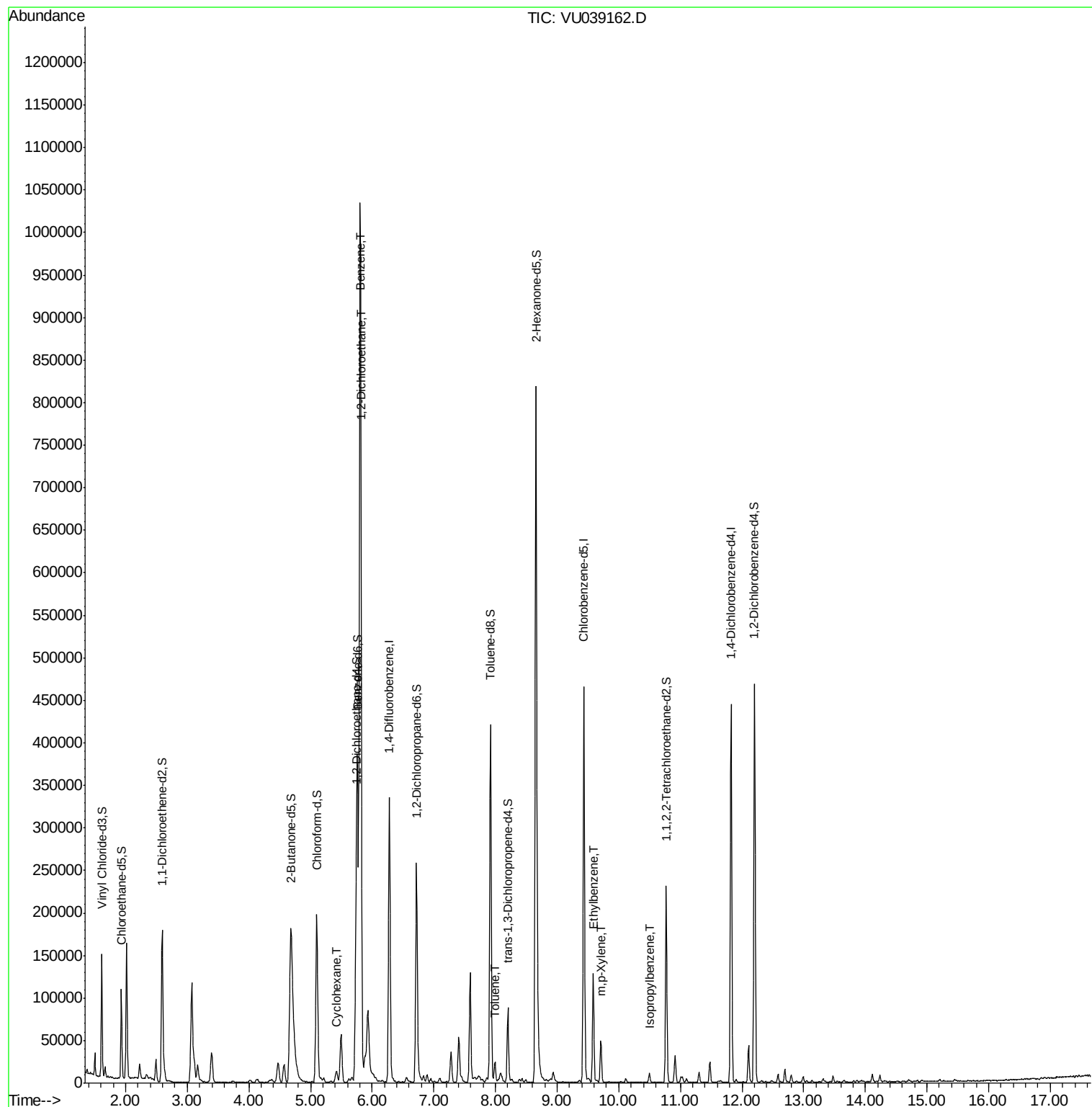
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
27) 1,2-Dichloroethane	5.83	62	34110	1.269	ug/L	100
30) Cyclohexane	5.42	56	5943	0.207	ug/L	97
33) Benzene	5.81	78	948102	12.198	ug/L	100
42) Toluene	7.99	91	15314	0.198	ug/L	99
52) Ethylbenzene	9.58	91	86133	1.062	ug/L	98
53) m,p-Xylene	9.71	106	13807	0.463	ug/L	89
56) Isopropylbenzene	10.50	105	6675	0.089	ug/L	98

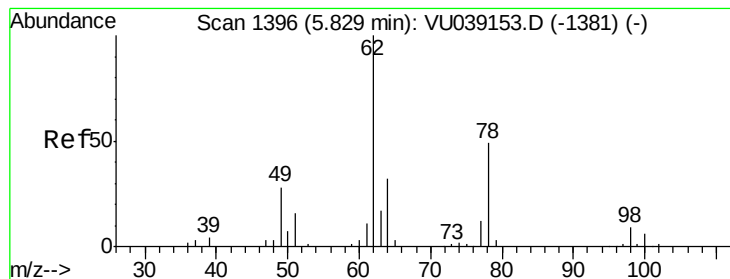
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#27

1,2-Dichloroethane

Concen: 1.269 ug/L

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU039162.D

Acq: 26 Jun 2020 14:06

Instrument :

MSVOA_U

ClientSampleId :

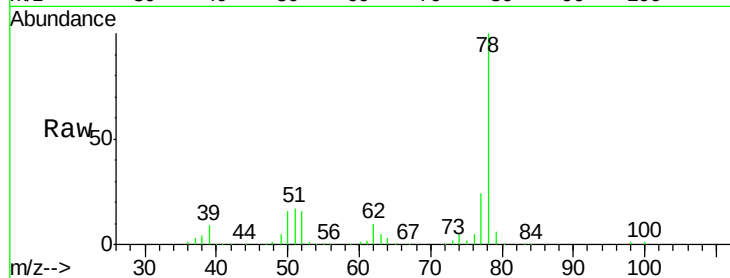
F9F12DL

Tot Ion: 62 Resp: 34110

Ion Ratio Lower Upper

62 100

98 9.6 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VU039162.D (-1303) (-)

Ion 98.05 (97.75 to 98.75): VU039162.D (-1303) (-)

5.83

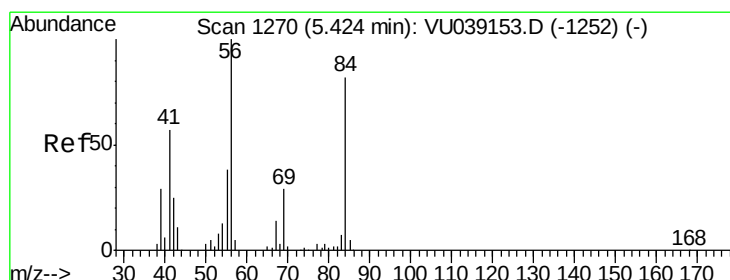
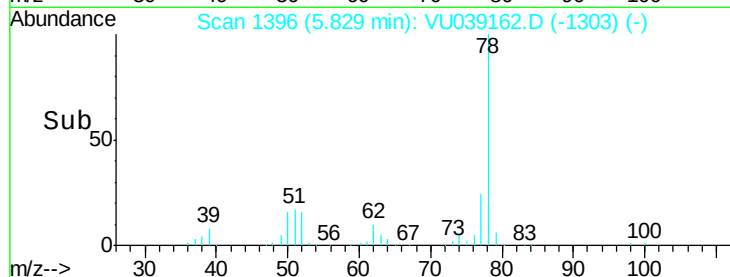
15000

10000

5000

0

Time--> 5.70 5.75 5.80 5.85 5.90



#30

Cyclohexane

Concen: 0.207 ug/L

RT: 5.42 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU039162.D

Acq: 26 Jun 2020 14:06

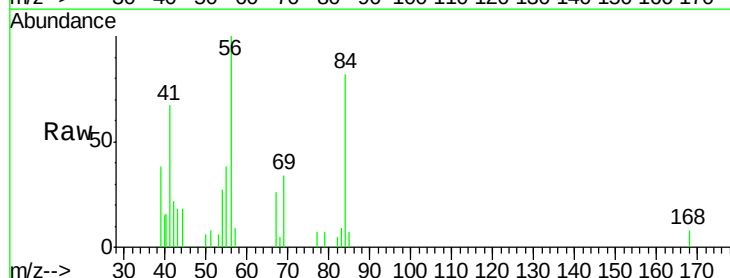
Tgt Ion: 56 Resp: 5943

Ion Ratio Lower Upper

56 100

69 34.8 23.3 34.9

84 83.2 67.1 100.7



Abundance Ion 56.10 (55.80 to 56.80): VU039162.D (-1177) (-)

Ion 69.15 (68.85 to 69.85): VU039162.D (-1177) (-)

Ion 84.15 (83.85 to 84.85): VU039162.D (-1177) (-)

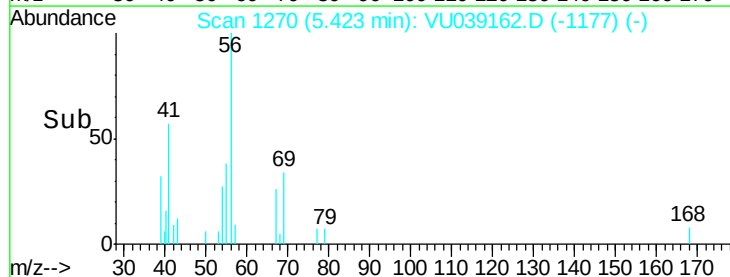
15000

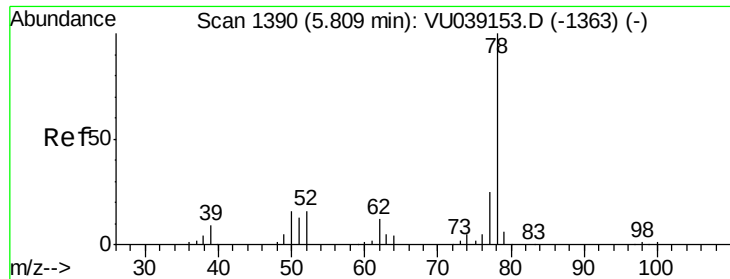
10000

5000

0

Time--> 5.35 5.40 5.45





#33

Benzene

Concen: 12.198 ug/L

RT: 5.81 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VU039162.D

Acq: 26 Jun 2020 14:06

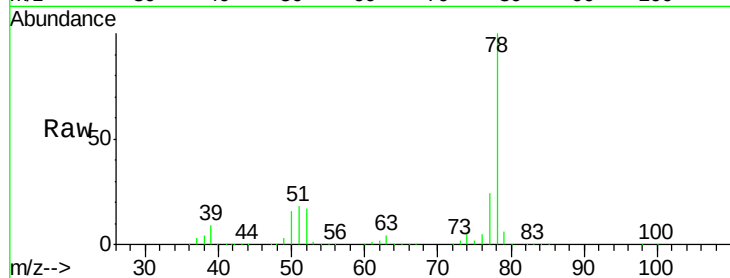
Instrument :

MSVOA_U

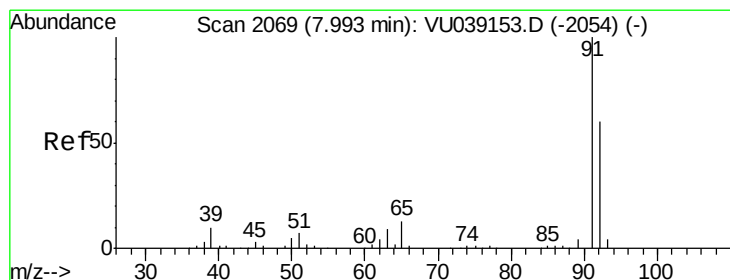
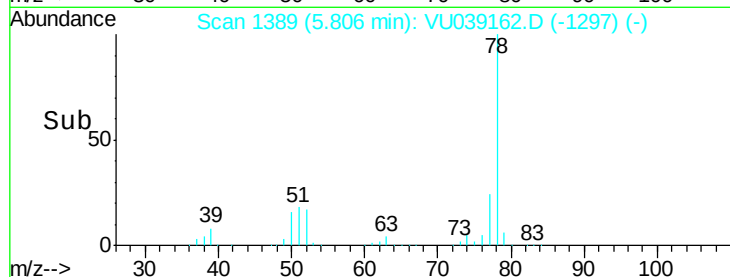
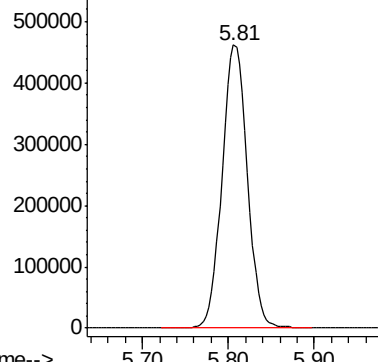
ClientSampleId :

F9F12DL

Tgt Ion: 78 Resp: 948102



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.198 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU039162.D

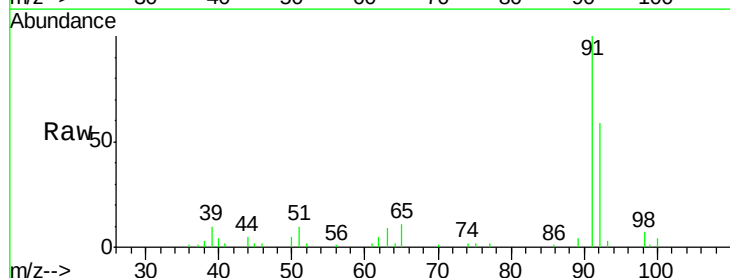
Acq: 26 Jun 2020 14:06

Tgt Ion: 91 Resp: 15314

Ion Ratio Lower Upper

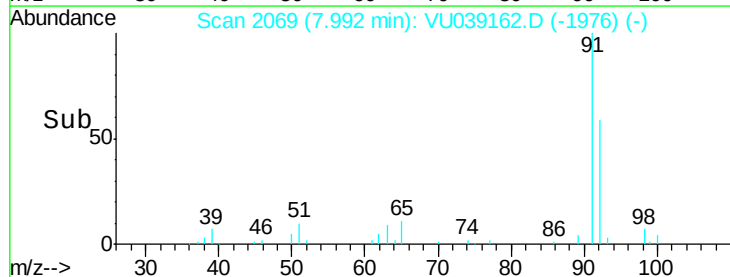
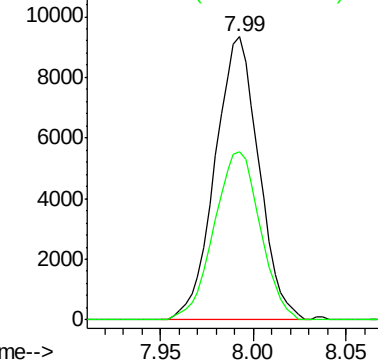
91 100

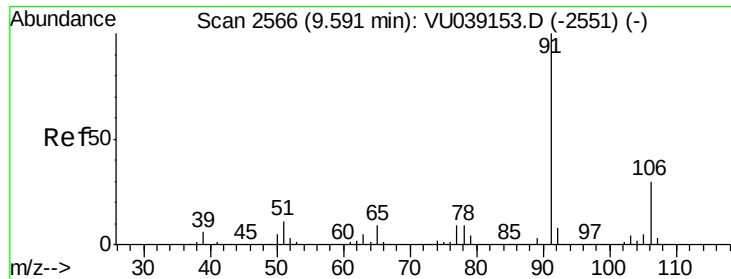
92 59.5 42.1 78.1



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 1.062 ug/L

RT: 9.58 min Scan# 2564

Delta R.T. -0.01 min

Lab File: VU039162.D

Acq: 26 Jun 2020 14:06

Instrument :

MSVOA_U

ClientSampleId :

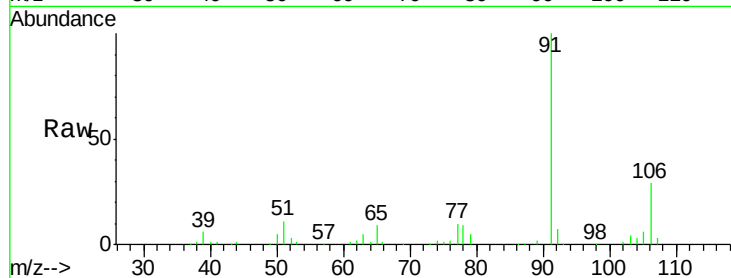
F9F12DL

Tot Ion: 91 Resp: 86133

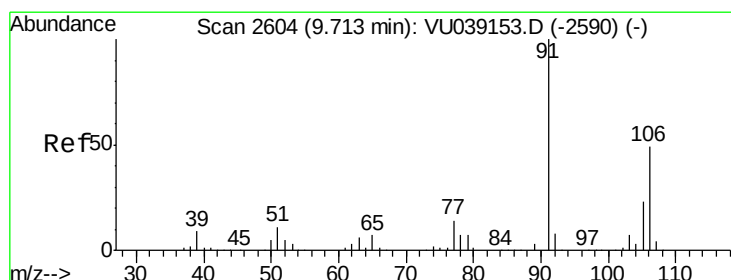
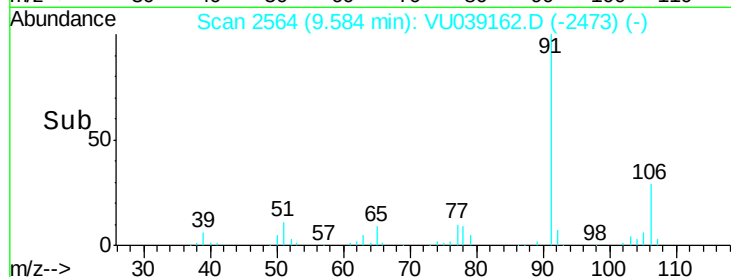
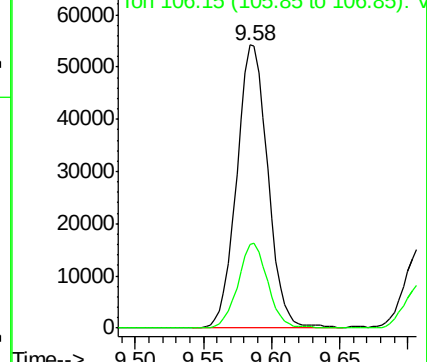
Ion Ratio Lower Upper

91 100

106 29.4 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VU039153.D (-2551) (-)



#53

m,p-Xylene

Concen: 0.463 ug/L

RT: 9.71 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VU039162.D

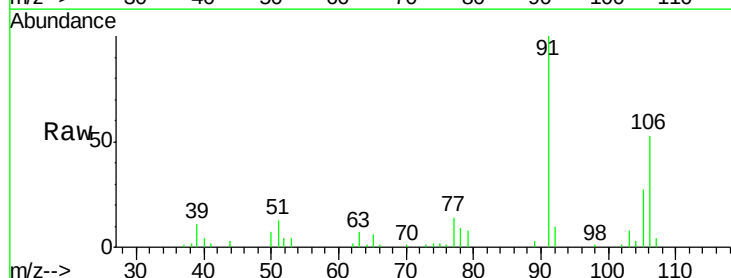
Acq: 26 Jun 2020 14:06

Tgt Ion: 106 Resp: 13807

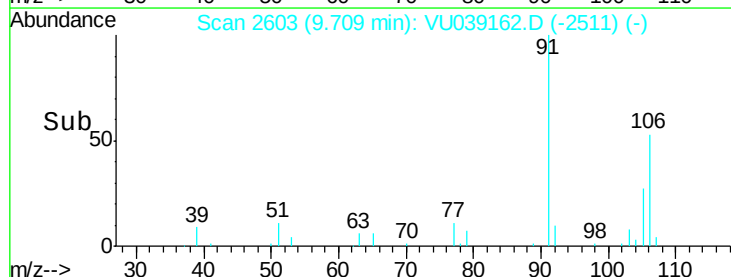
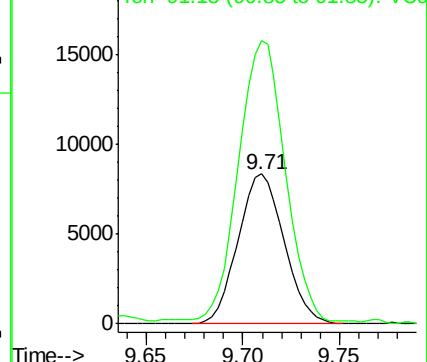
Ion Ratio Lower Upper

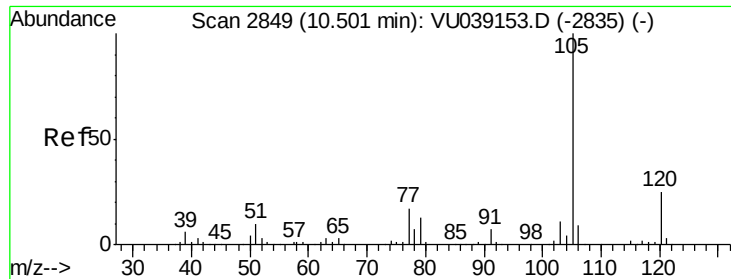
106 100

91 188.9 143.6 266.8



Abundance Ion 106.15 (105.85 to 106.85): VU039153.D (-2590) (-)





#56

Isopropylbenzene

Concen: 0.089 ug/L

RT: 10.50 min Scan# 2848

Delta R.T. -0.00 min

Lab File: VU039162.D

Acq: 26 Jun 2020 14:06

Instrument :

MSVOA_U

ClientSampleId :

F9F12DL

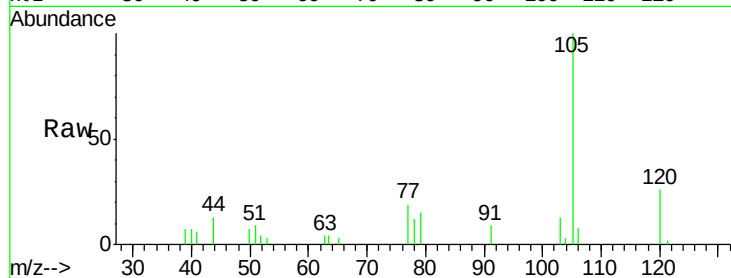
Tot Ion:105 Resp: 6675

Ion Ratio Lower Upper

105 100

120 25.1 19.9 29.9

77 18.0 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU

