

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061120\
 Data File : VU038805.D
 Acq On : 11 Jun 2020 03:23
 Operator : SY/MD
 Sample : L2915-12 100X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9E20

Quant Time: Jun 11 07:45:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 11 07:12:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	549034	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	529733	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	245193	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	170376	55.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	111.08%
7) Chloroethane-d5	1.93	69	140945	59.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	118.46%
11) 1,1-Dichloroethene-d2	2.59	63	265907	39.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.54%
21) 2-Butanone-d5	4.66	46	361736	121.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.22%
24) Chloroform-d	5.10	84	357291	54.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.04%
26) 1,2-Dichloroethane-d4	5.74	65	244823	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.70%
32) Benzene-d6	5.76	84	712668	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.70%
36) 1,2-Dichloropropane-d6	6.72	67	219698	55.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.74%
41) Toluene-d8	7.92	98	601396	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%
43) trans-1,3-Dichloropropene-	8.20	79	104256	52.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.32%
47) 2-Hexanone-d5	8.65	63	253912	121.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	321312	54.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.54%
64) 1,2-Dichlorobenzene-d4	12.20	152	244869	57.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.04%

Target Compounds

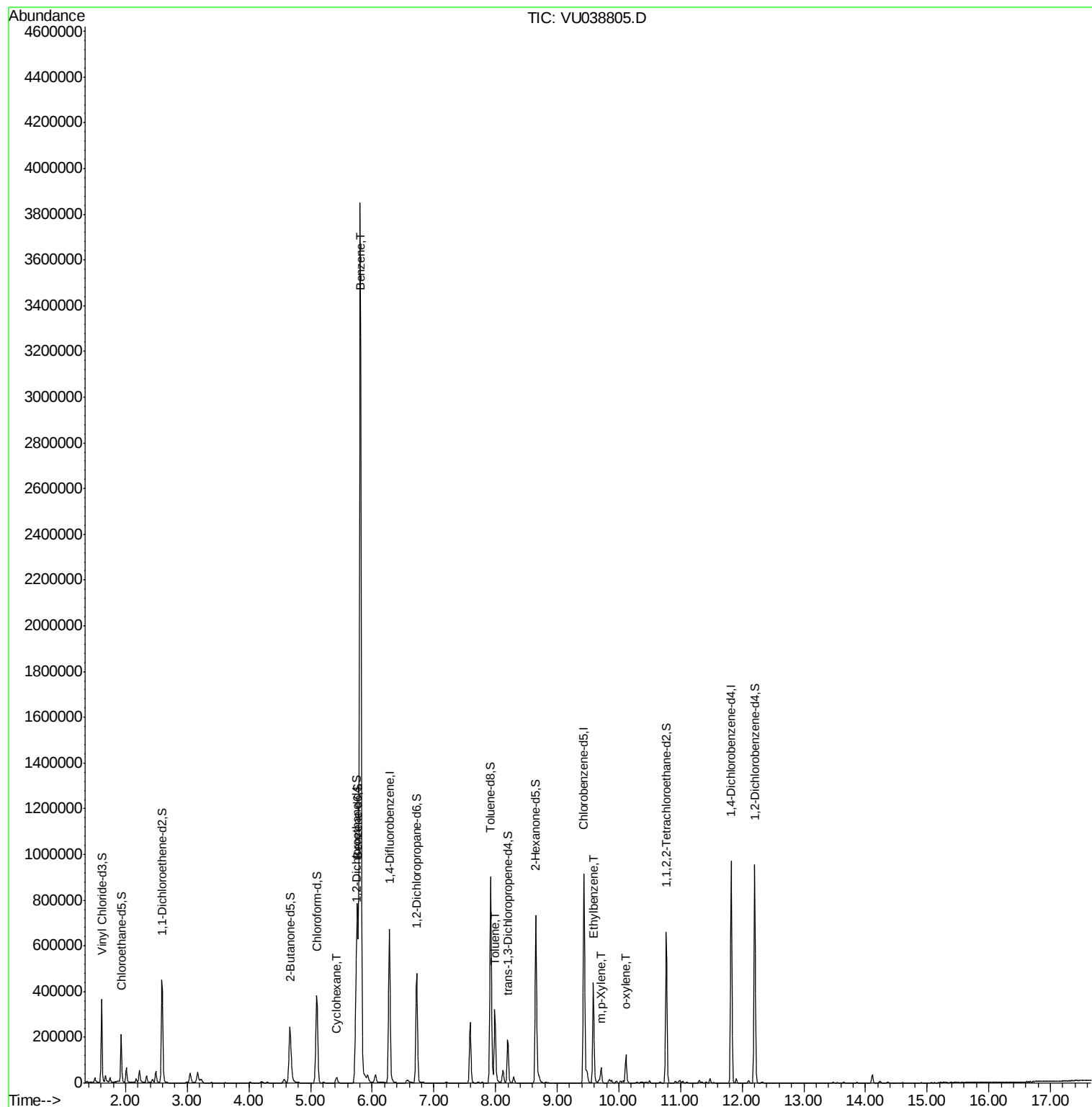
					Ovalue
29) Cyclohexane	5.43	56	10629	1.754 ug/L	92
33) Benzene	5.81	78	3655600	232.386 ug/L	100
42) Toluene	7.99	91	232340	14.126 ug/L	100
52) Ethylbenzene	9.59	91	318362	17.538 ug/L	100
53) m,p-Xylene	9.71	106	17104	2.455 ug/L	98
54) o-xylene	10.11	106	33935	5.017 ug/L	98

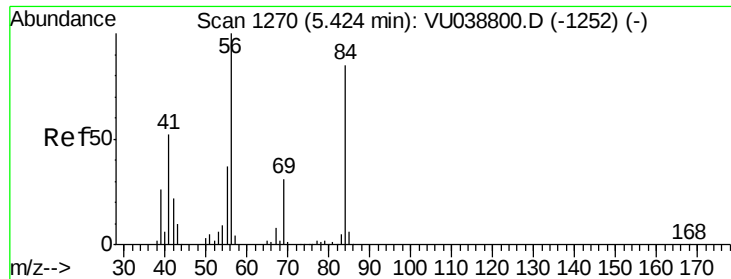
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Quant Time: Jun 11 07:45:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 11 07:12:16 2020
Response via : Initial Calibration

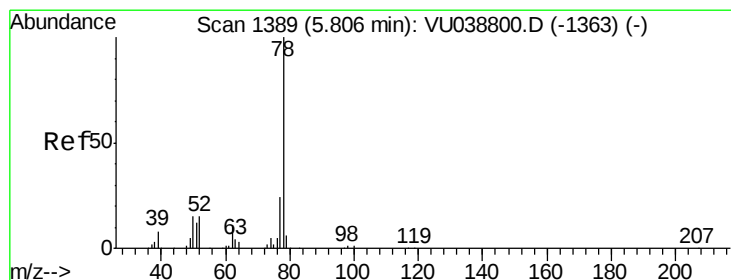
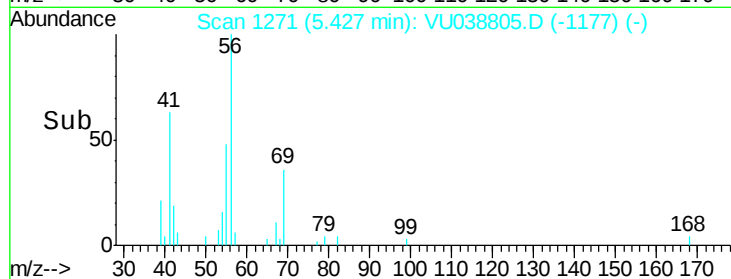
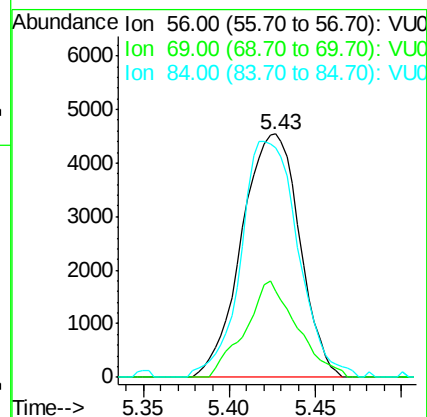
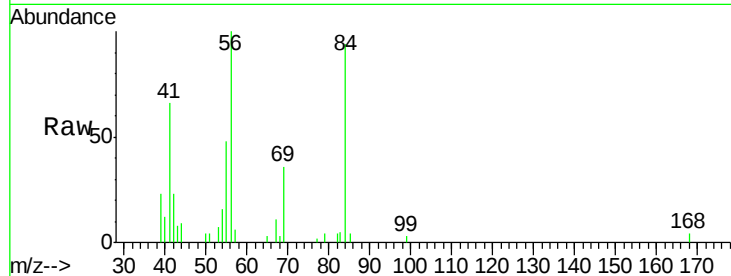




#29
Cyclohexane
Concen: 1.754 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038805.D
Acq: 11 Jun 2020 03:23

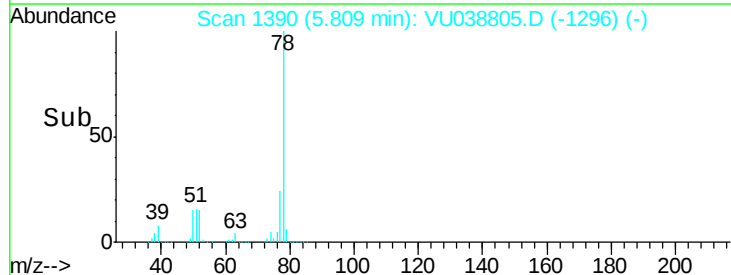
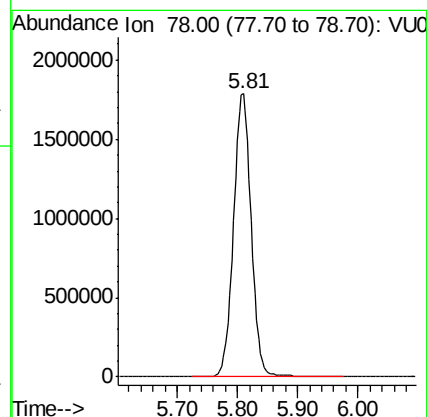
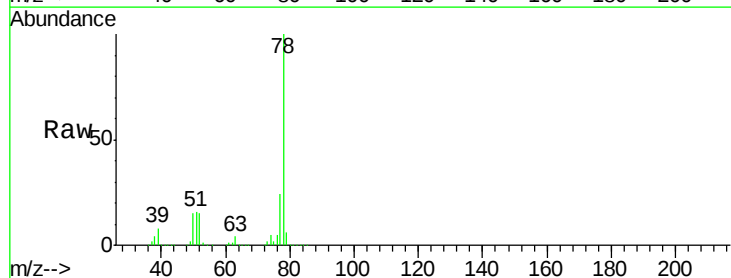
Instrument :
MSVOA_U
ClientSampleId :
F9E20

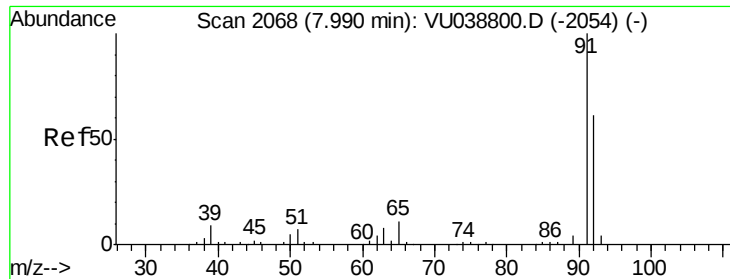
Tot Ion: 56 Resp: 10629
Ion Ratio Lower Upper
56 100
69 35.3 25.1 37.7
84 95.9 70.5 105.7



#33
Benzene
Concen: 232.386 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU038805.D
Acq: 11 Jun 2020 03:23

Tgt Ion: 78 Resp: 3655600





#42

Toluene

Concen: 14.126 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038805.D

Acq: 11 Jun 2020 03:23

Instrument :

MSVOA_U

ClientSampleId :

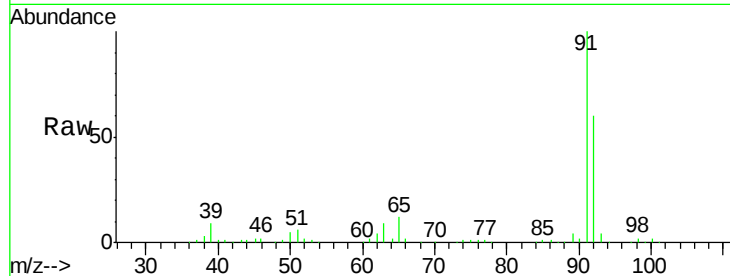
F9E20

Tot Ion: 91 Resp: 232340

Ion Ratio Lower Upper

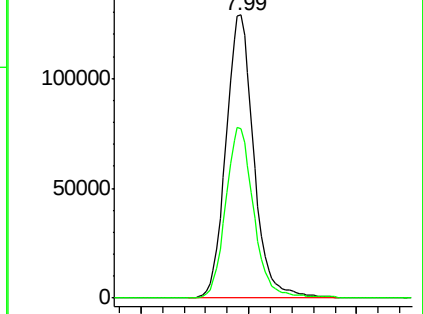
91 100

92 60.0 42.2 78.4

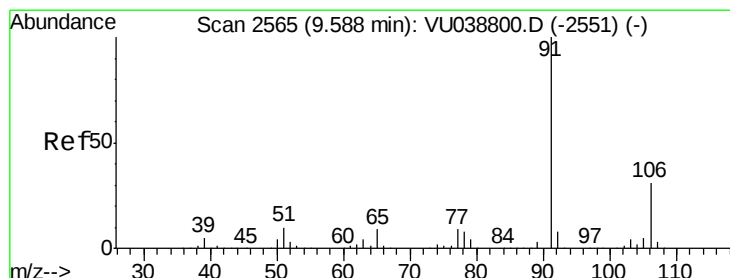
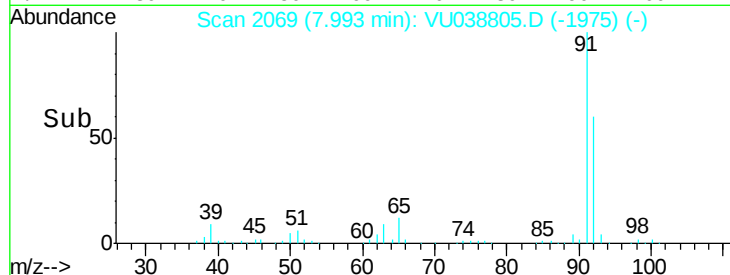


Abundance Ion 91.00 (90.70 to 91.70): VU038805.D (-1975) (-)

Ion 92.00 (91.70 to 92.70): VU038805.D (-1975) (-)



Time-->



#52

Ethylbenzene

Concen: 17.538 ug/L

RT: 9.59 min Scan# 2565

Delta R.T. -0.00 min

Lab File: VU038805.D

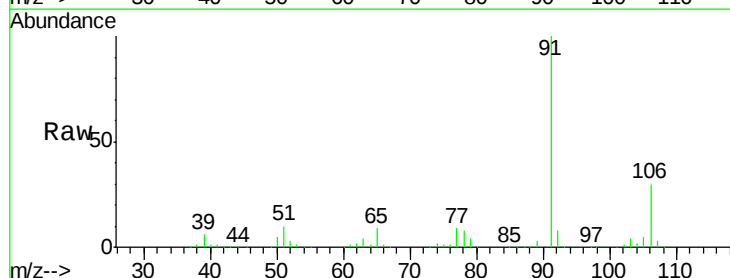
Acq: 11 Jun 2020 03:23

Tgt Ion: 91 Resp: 318362

Ion Ratio Lower Upper

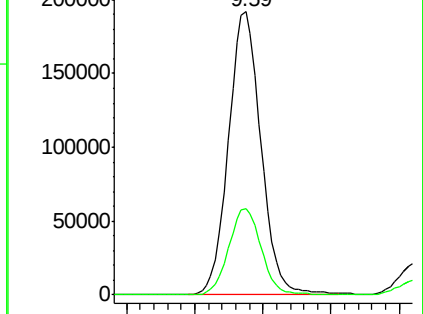
91 100

106 30.5 21.5 39.9

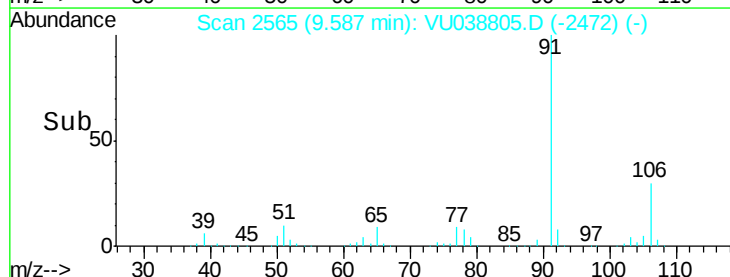


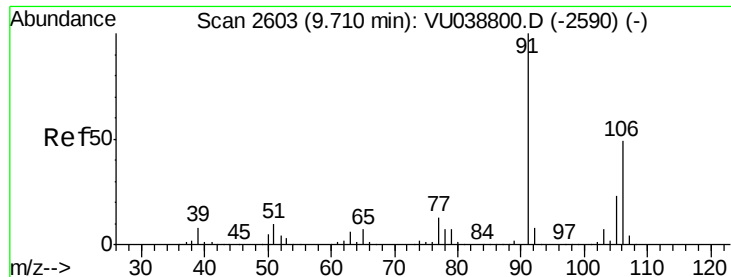
Abundance Ion 91.00 (90.70 to 91.70): VU038805.D (-2472) (-)

Ion 106.00 (105.70 to 106.70): VU038805.D (-2472) (-)



Time-->

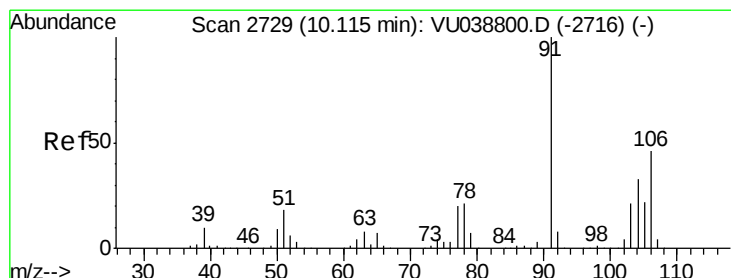
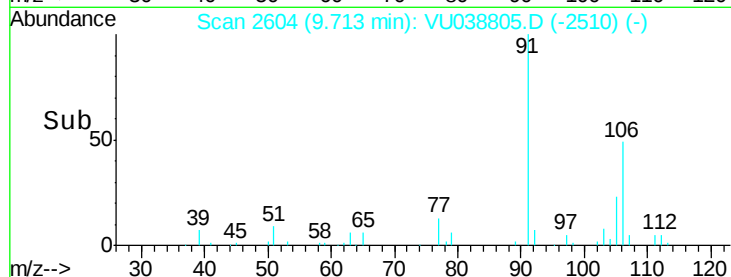
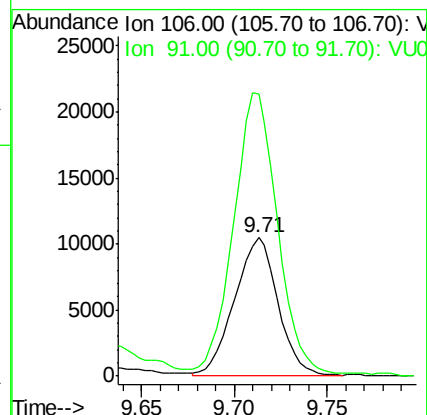
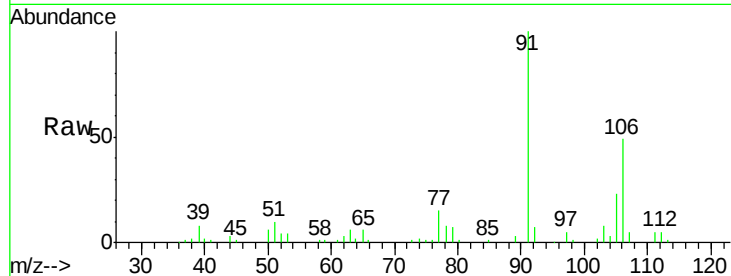




#53
m,p-Xylene
Concen: 2.455 ug/L
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038805.D
Acq: 11 Jun 2020 03:23

Instrument :
MSVOA_U
ClientSampleId :
F9E20

Tot Ion:106 Resp: 17104
Ion Ratio Lower Upper
106 100
91 203.8 140.1 260.3



#54
o-xylene
Concen: 5.017 ug/L
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU038805.D
Acq: 11 Jun 2020 03:23

Tgt Ion:106 Resp: 33935
Ion Ratio Lower Upper
106 100
91 212.7 151.2 280.8

