

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122520\
 Data File : VU041807.D
 Acq On : 24 Dec 2020 15:30
 Operator : SY/MD
 Sample : L5185-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S9

Quant Time: Dec 25 04:20:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 25 03:47:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	137687	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	133947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	35827	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.92	69	37441	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.58	63	56311	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.66	46	153098	49.51	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	5.08	84	78836	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	5.72	65	45415	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	5.74	84	150186	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	6.70	67	48581	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.80%
41) Toluene-d8	7.90	98	122968	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	8.19	79	20158	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.64	63	121568	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47459	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51292	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

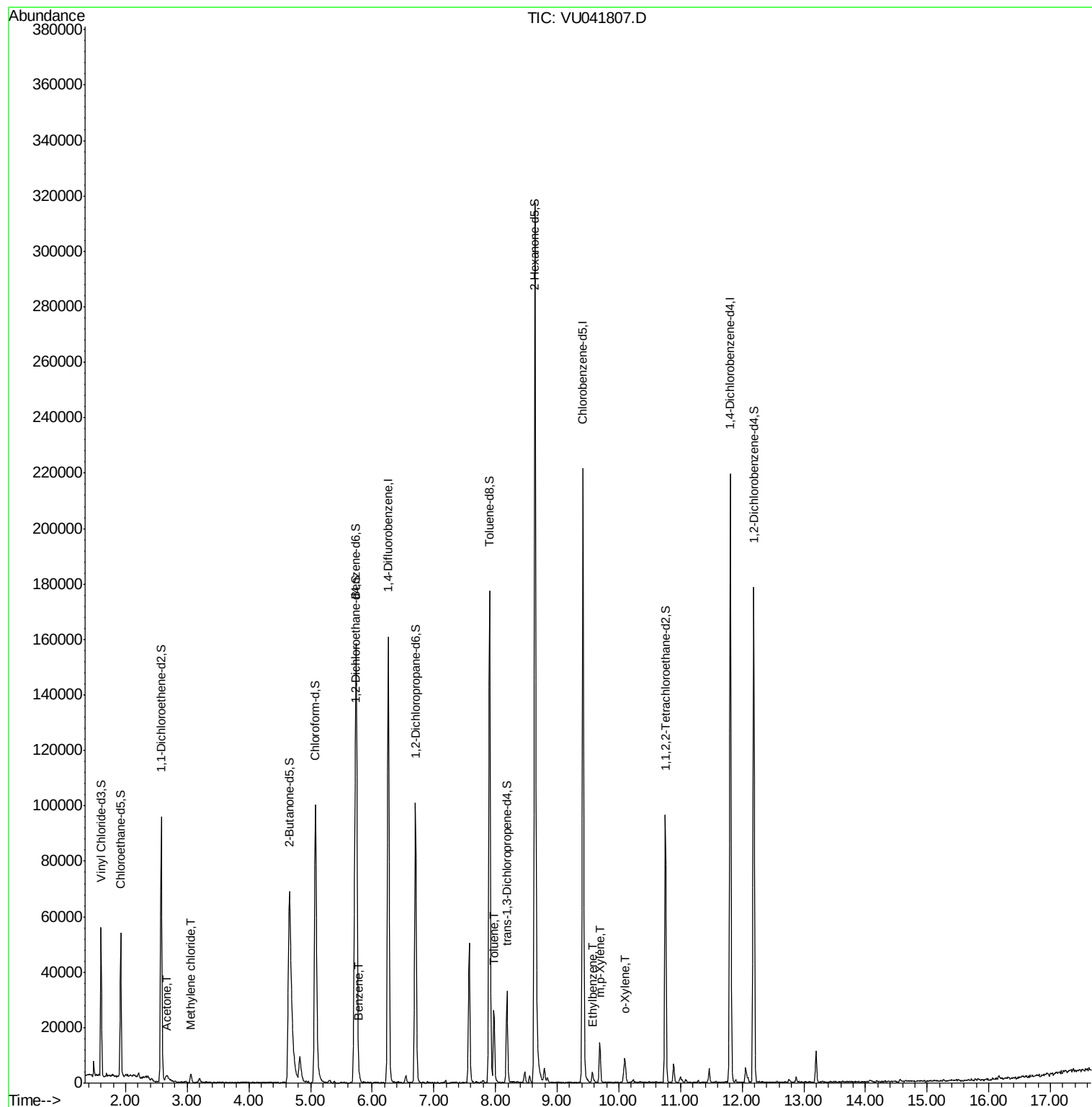
					Ovalue
13) Acetone	2.67	43	5493	2.793 ug/L	67
16) Methylene chloride	3.06	84	1469	0.132 ug/L	96
33) Benzene	5.79	78	2349	0.055 ug/L	100
42) Toluene	7.97	91	19230	0.435 ug/L	98
52) Ethylbenzene	9.57	91	3363	0.071 ug/L	88
53) m,p-Xylene	9.69	106	4689	0.267 ug/L	98
54) o-Xylene	10.10	106	2215	0.129 ug/L	78

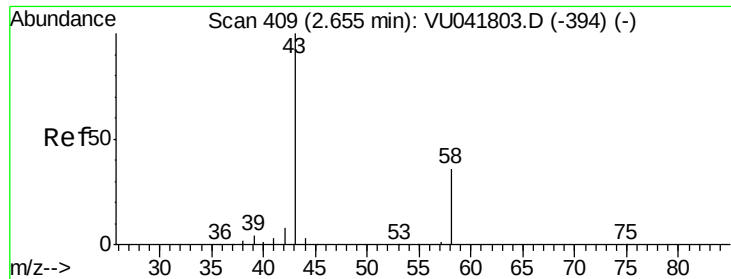
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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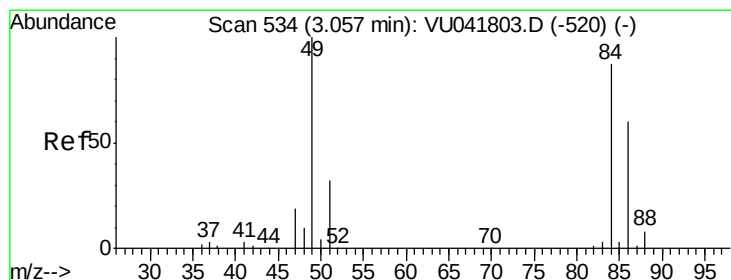
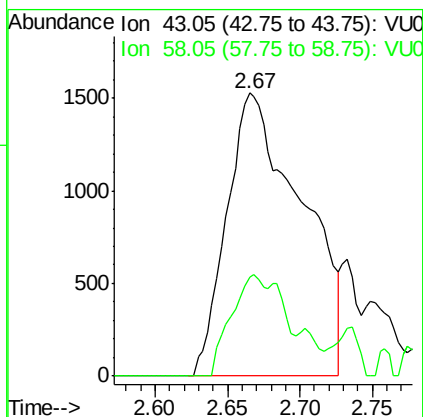
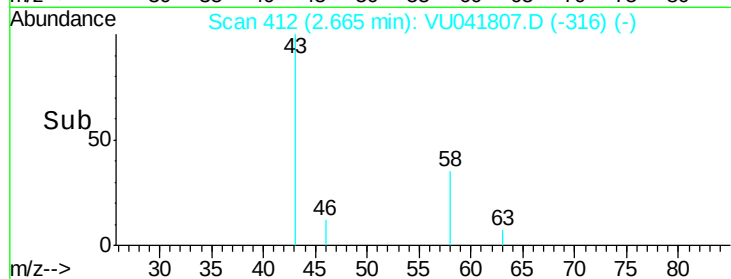
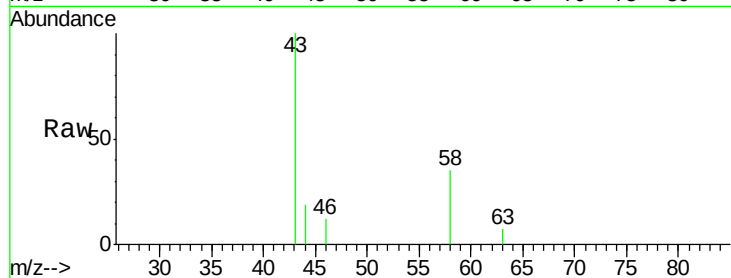




#13
Acetone
Concen: 2.793 ug/L
RT: 2.67 min Scan# 412
Delta R.T. 0.01 min
Lab File: VU041807.D
Acq: 24 Dec 2020 15:30

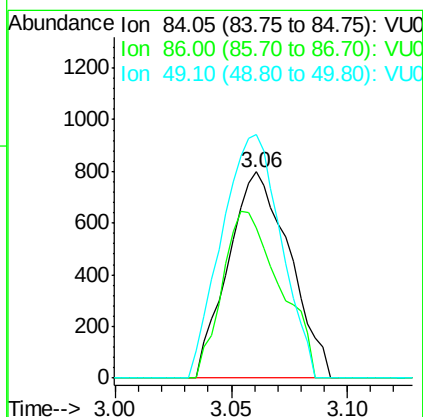
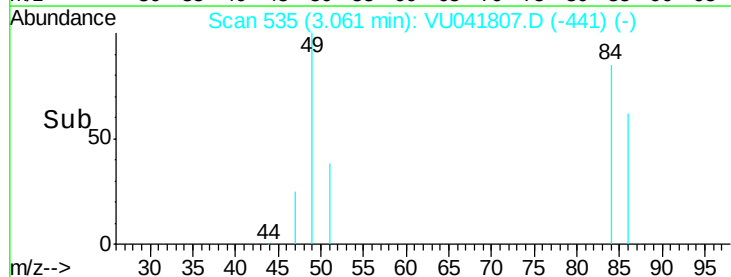
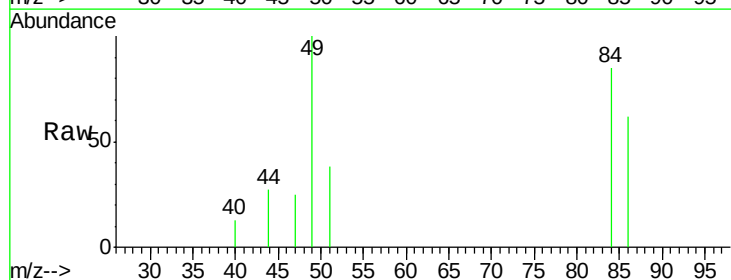
Instrument :
MSVOA_U
ClientSampleId :
BG4S9

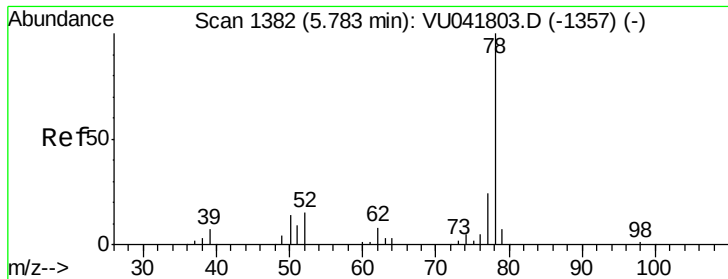
Tot Ion: 43 Resp: 5493
Ion Ratio Lower Upper
43 100
58 16.9 0.0 73.2



#16
Methylene chloride
Concen: 0.132 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU041807.D
Acq: 24 Dec 2020 15:30

Tgt Ion: 84 Resp: 1469
Ion Ratio Lower Upper
84 100
86 72.7 45.1 83.7
49 118.0 83.1 154.3





#33

Benzene

Concen: 0.055 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.01 min

Lab File: VU041807.D

Acq: 24 Dec 2020 15:30

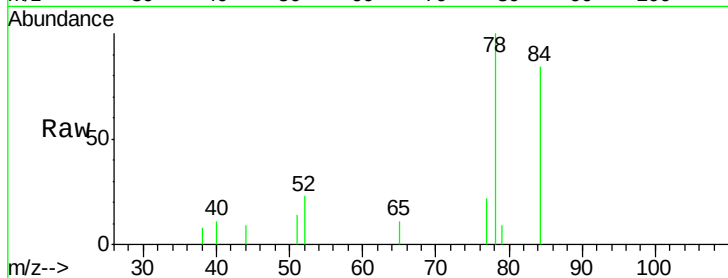
Instrument :

MSVOA_U

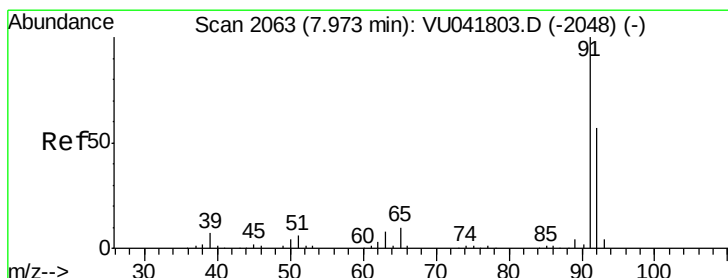
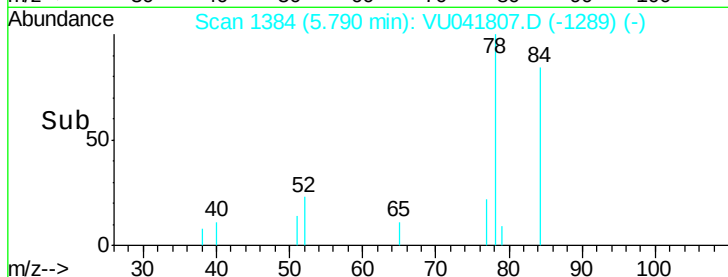
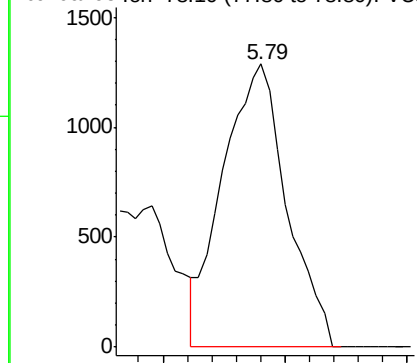
ClientSampled :

BG4S9

Tgt Ion: 78 Resp: 2349



Abundance Ion 78.10 (77.80 to 78.80): VU0



#42

Toluene

Concen: 0.435 ug/L

RT: 7.97 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VU041807.D

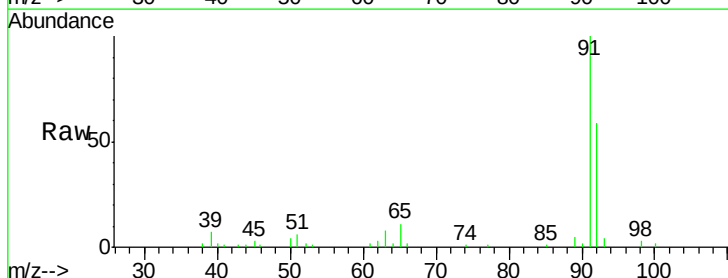
Acq: 24 Dec 2020 15:30

Tgt Ion: 91 Resp: 19230

Ion Ratio Lower Upper

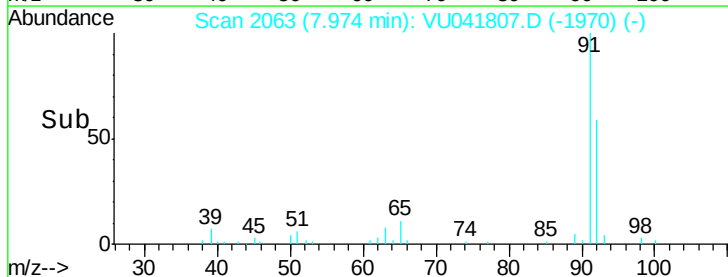
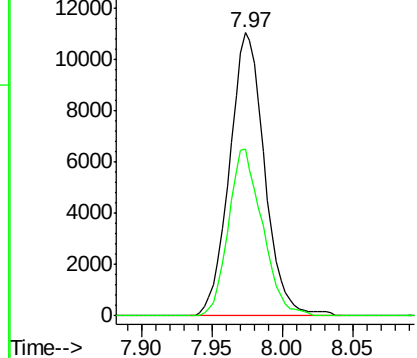
91 100

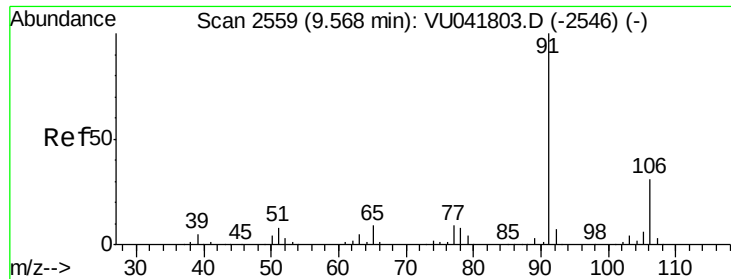
92 58.9 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#52

Ethylbenzene

Concen: 0.071 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041807.D

Acq: 24 Dec 2020 15:30

Instrument :

MSVOA_U

ClientSampleId :

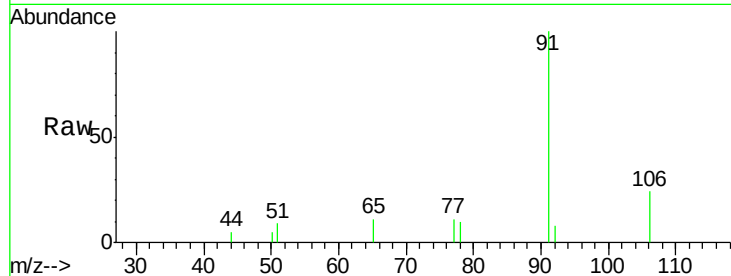
BG4S9

Tot Ion: 91 Resp: 3363

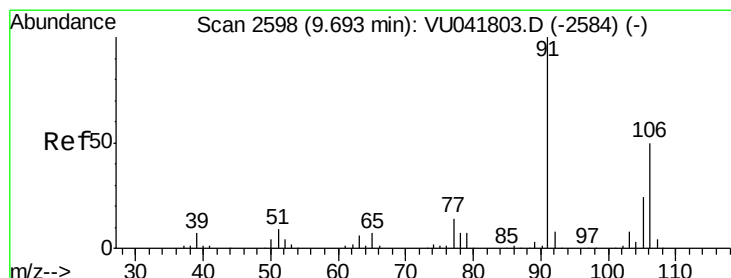
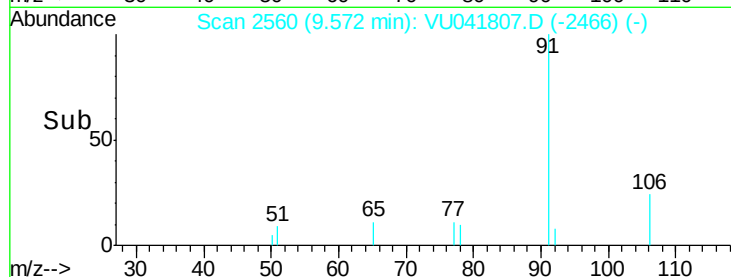
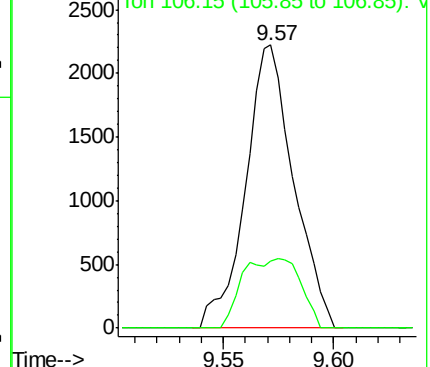
Ion Ratio Lower Upper

91 100

106 23.6 21.1 39.3



Abundance Ion 91.15 (90.85 to 91.85): VU041807.D (-2560) (-)



#53

m,p-Xylene

Concen: 0.267 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU041807.D

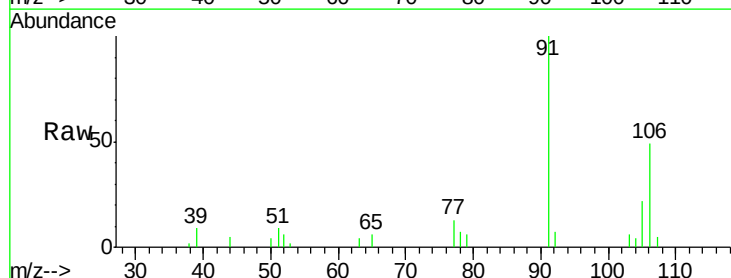
Acq: 24 Dec 2020 15:30

Tgt Ion: 106 Resp: 4689

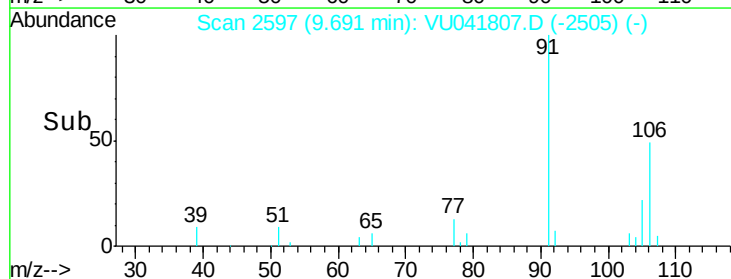
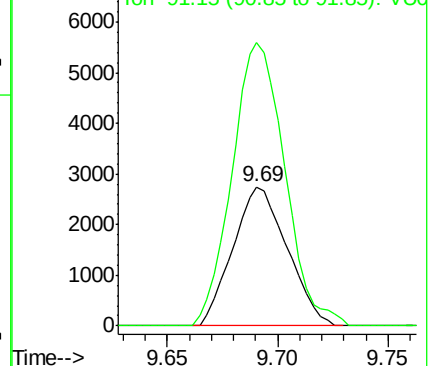
Ion Ratio Lower Upper

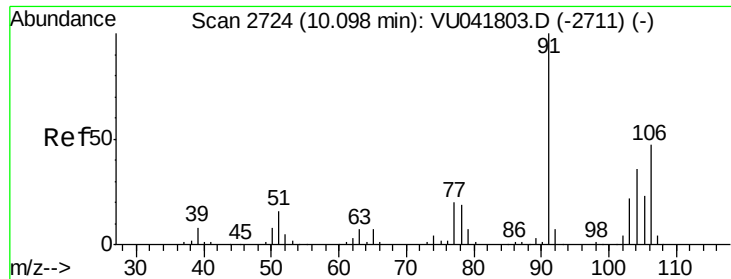
106 100

91 203.8 140.4 260.8



Abundance Ion 106.15 (105.85 to 106.85): VU041807.D (-2597) (-)





#54
 o-Xylene
 Concen: 0.129 ug/L
 RT: 10.10 min Scan# 2723
 Delta R.T. -0.00 min
 Lab File: VU041807.D
 Acq: 24 Dec 2020 15:30

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S9

Tot Ion:106 Resp: 2215
 Ion Ratio Lower Upper
 106 100
 91 181.3 151.3 281.1

