

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040229.D
 Acq On : 21 Sep 2020 12:03
 Operator : SY/MD
 Sample : L4063-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0TR3

Quant Time: Sep 22 07:27:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	130288	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	129275	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	55967	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29094	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.92	69	28857	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	50969	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	4.66	46	141486	49.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	5.08	84	75596	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.72	65	47289	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.75	84	133341	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	6.70	67	44729	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.91	98	103423	3.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.80%
43) trans-1,3-Dichloropropene-	8.19	79	17643	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.64	63	100633	46.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.98%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	41323	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	44236	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

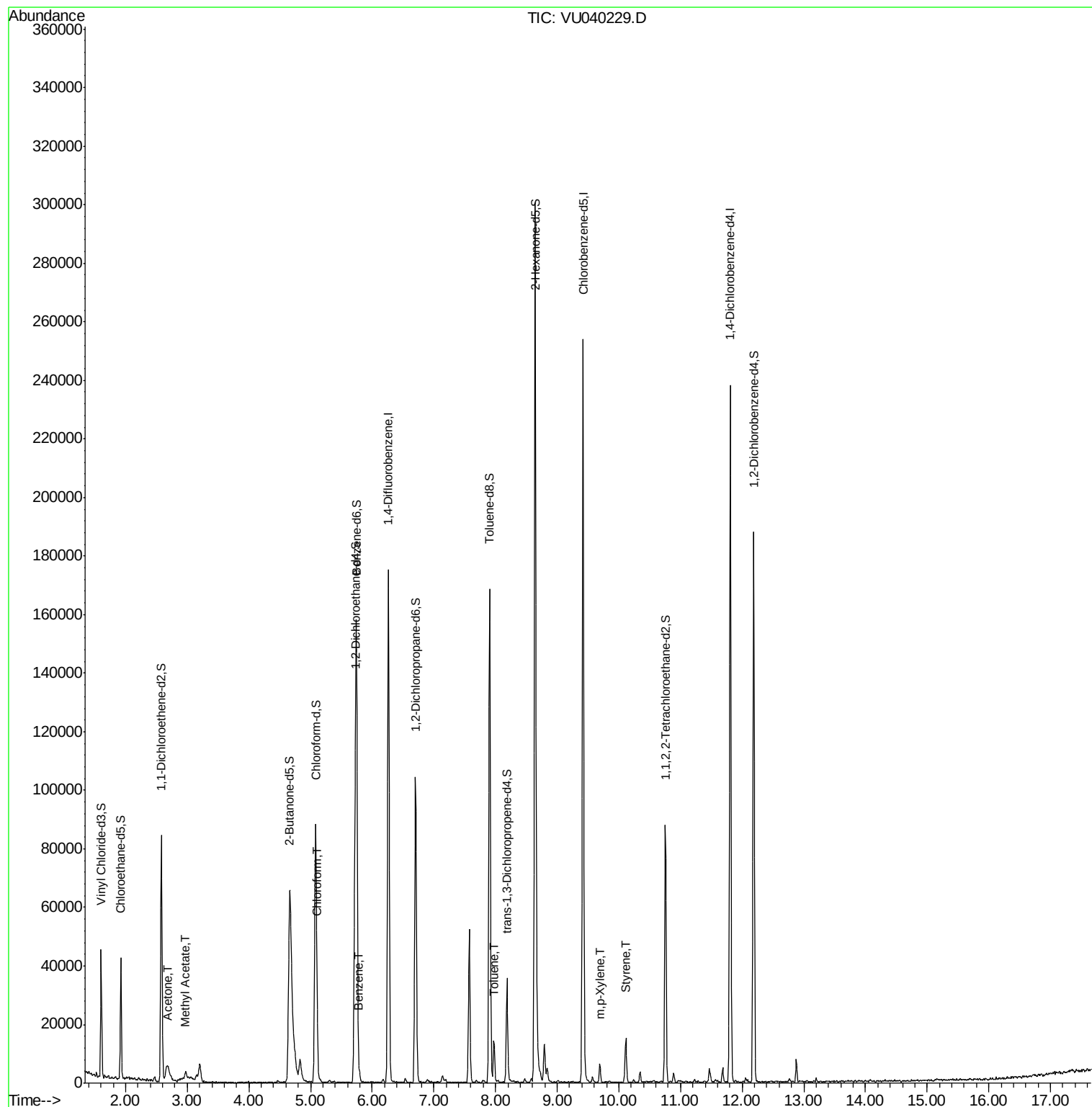
					Ovalue
13) Acetone	2.68	43	16484	6.258	ug/L 52
15) Methyl Acetate	2.98	43	2306	0.349	ug/L 99
25) Chloroform	5.11	83	3375	0.148	ug/L 94
33) Benzene	5.79	78	1944	0.042	ug/L 100
42) Toluene	7.98	91	9846	0.207	ug/L 97
53) m,p-Xylene	9.69	106	1657	0.086	ug/L 97
55) Styrene	10.11	104	6191	0.194	ug/L 91

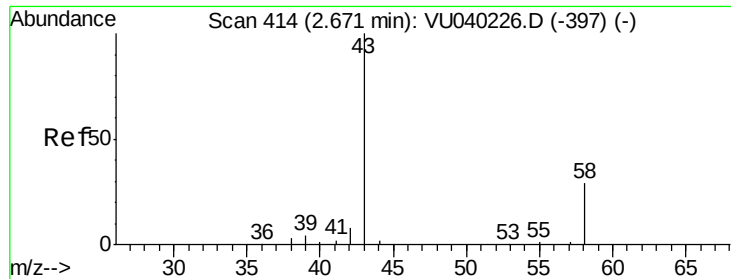
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.258 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU040229.D

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ClientSampleId :

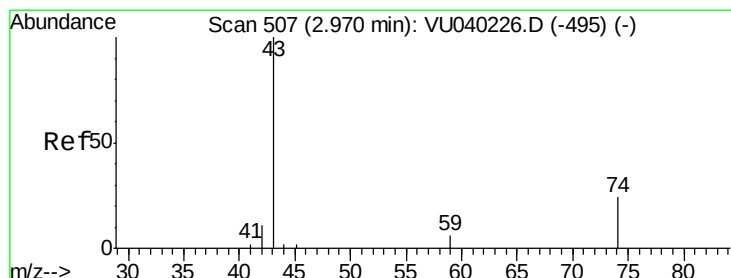
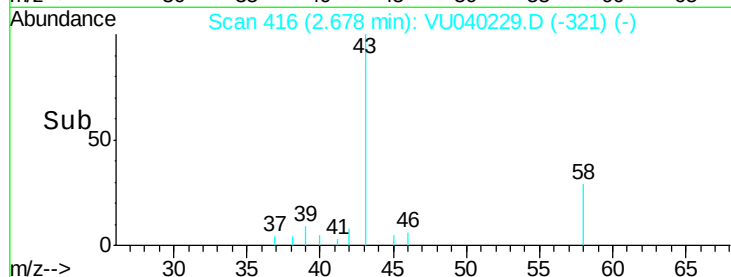
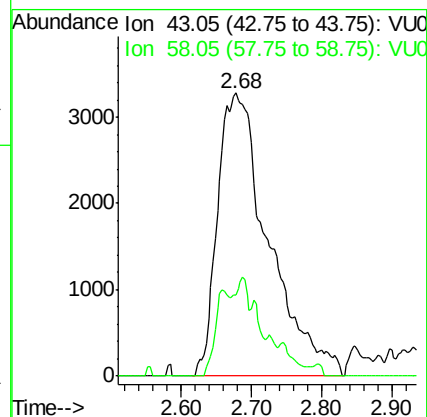
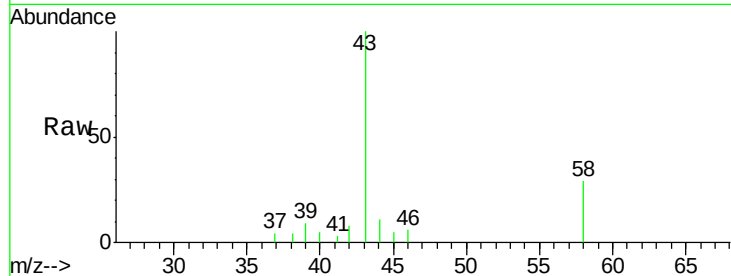
C0TR3

Tot Ion: 43 Resp: 16484

Ion Ratio Lower Upper

43 100

58 2.6 0.0 55.4



#15

Methyl Acetate

Concen: 0.349 ug/L

RT: 2.98 min Scan# 509

Delta R.T. 0.01 min

Lab File: VU040229.D

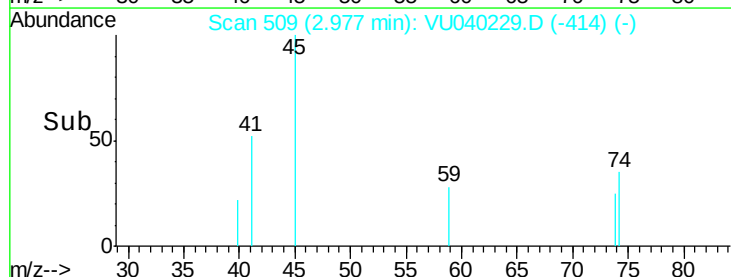
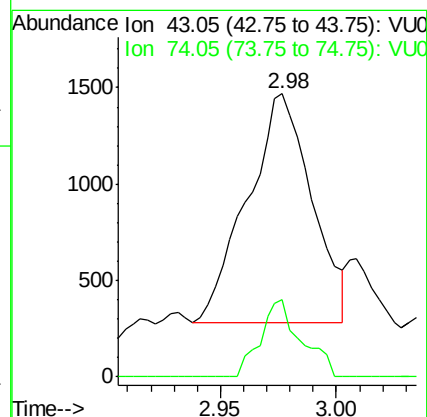
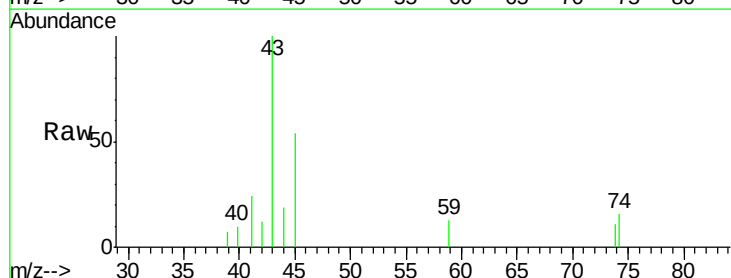
Acq: 21 Sep 2020 12:03

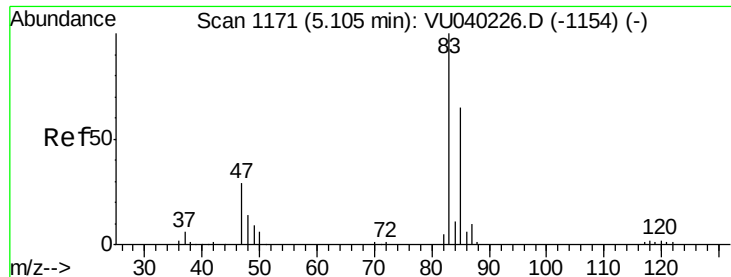
Tgt Ion: 43 Resp: 2306

Ion Ratio Lower Upper

43 100

74 21.2 17.4 26.0

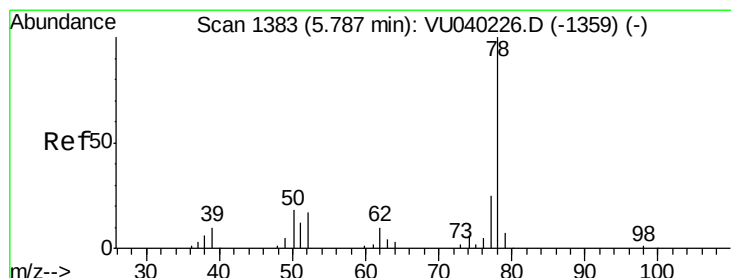
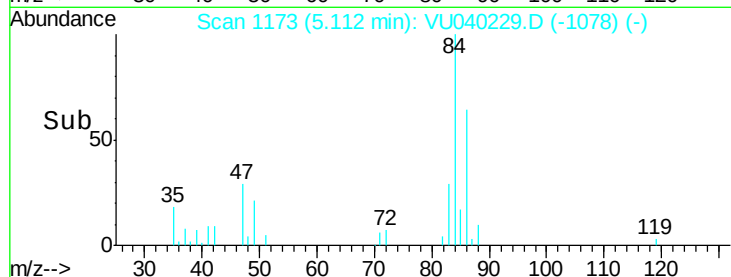
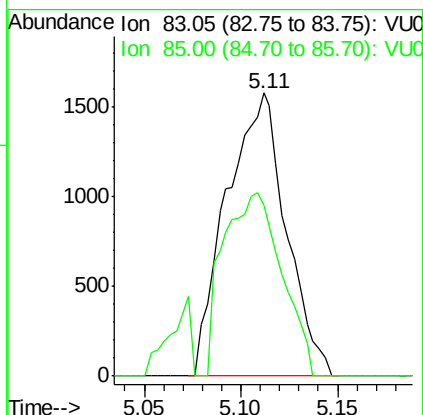
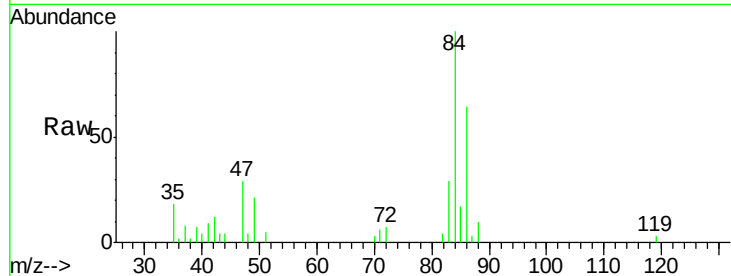




#25
Chloroform
Concen: 0.148 ug/L
RT: 5.11 min Scan# 1173
Delta R.T. 0.01 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

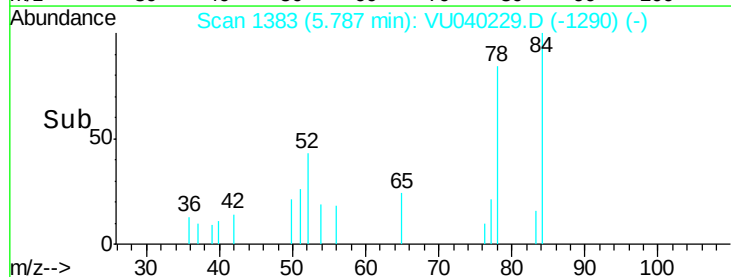
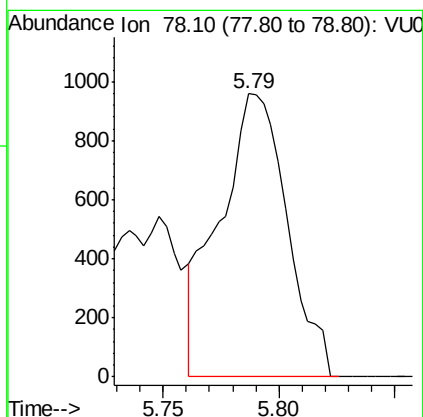
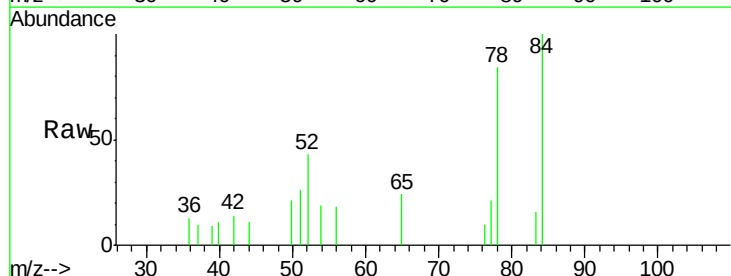
Instrument :
MSVOA_U
ClientSampled :
C0TR3

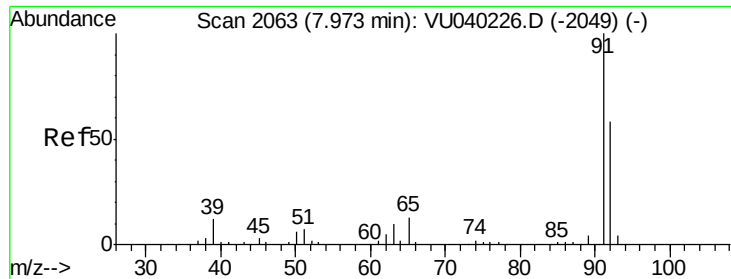
Tot Ion: 83 Resp: 3375
Ion Ratio Lower Upper
83 100
85 60.3 45.3 84.1



#33
Benzene
Concen: 0.042 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040229.D
Acq: 21 Sep 2020 12:03

Tgt Ion: 78 Resp: 1944





#42

Toluene

Concen: 0.207 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040229.D

Acq: 21 Sep 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

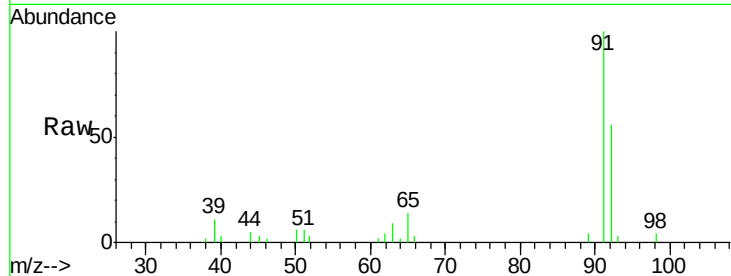
C0TR3

Tot Ion: 91 Resp: 9846

Ion Ratio Lower Upper

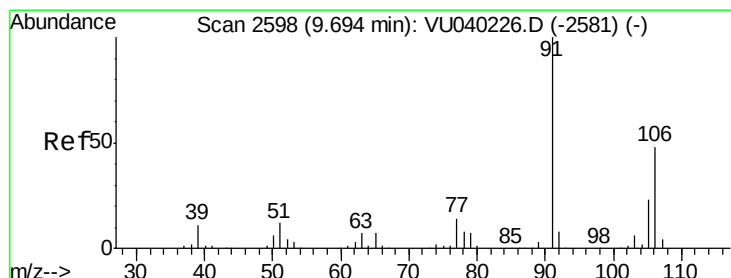
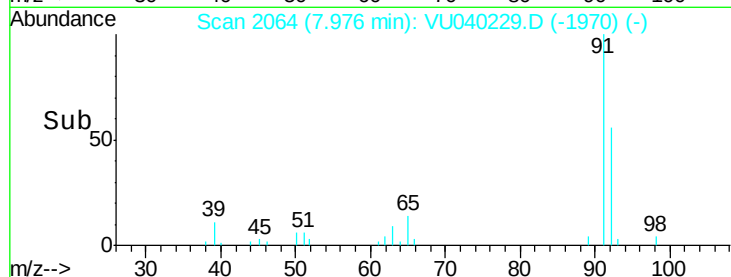
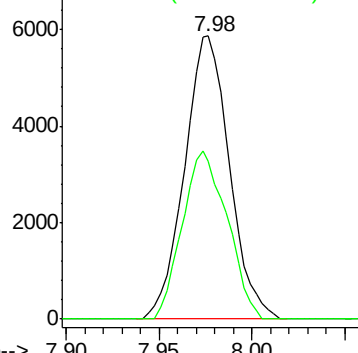
91 100

92 55.6 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#53

m,p-Xylene

Concen: 0.086 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040229.D

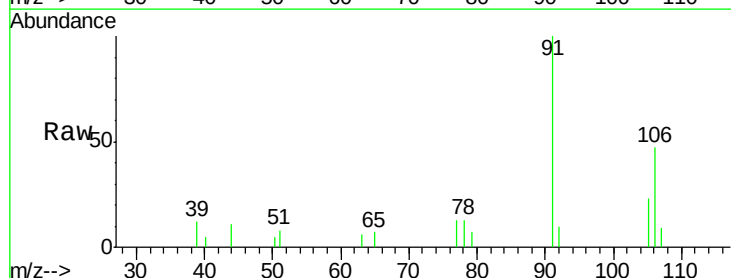
Acq: 21 Sep 2020 12:03

Tgt Ion: 106 Resp: 1657

Ion Ratio Lower Upper

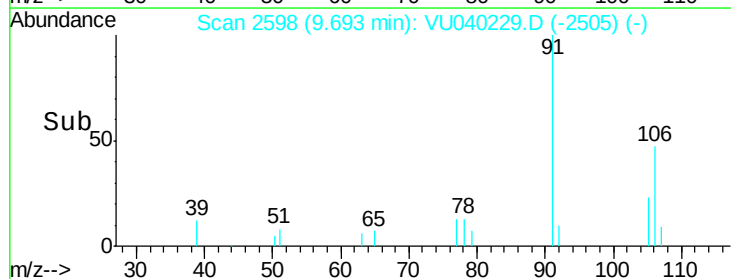
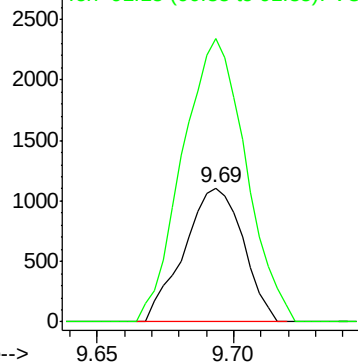
106 100

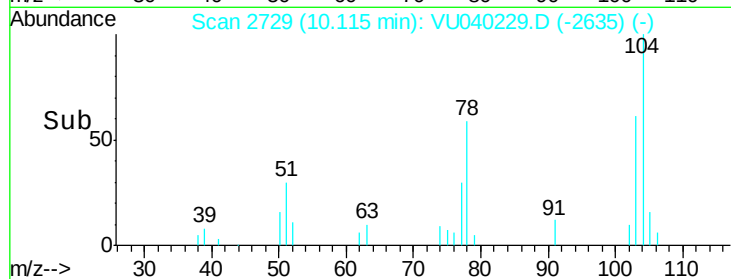
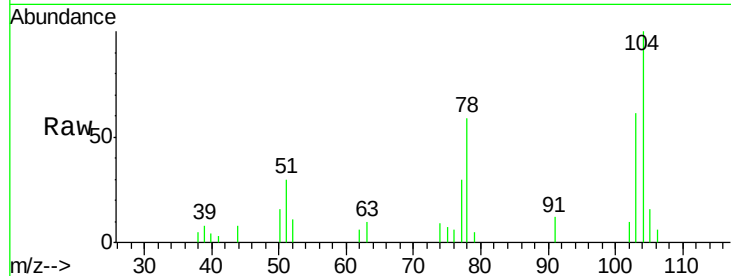
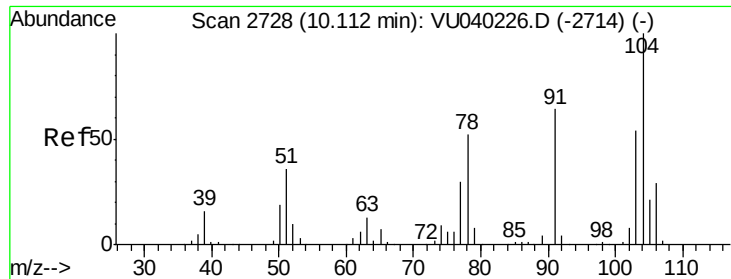
91 211.2 151.7 281.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0





#55

Stvrene

Concen: 0.194 ug/L

RT: 10.11 min Scan# 2729

Delta R.T. 0.00 min

Lab File: VU040229.D

Acq: 21 Sep 2020 12:03

Instrument :

MSVOA_U

ClientSampleId :

C0TR3

Tot Ion:104 Resp: 6191

Ion Ratio Lower Upper

104 100

78 58.9 36.8 68.3

