

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039892.D
 Acq On : 17 Aug 2020 17:27
 Operator : SY/MD
 Sample : L3517-07 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M01

Quant Time: Aug 18 05:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	80774	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81196	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	40256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17382	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.92	69	19074	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	2.58	63	27277	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	4.67	46	69432	36.19	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.38%
24) Chloroform-d	5.08	84	44850	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	5.72	65	26186	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.75	84	80589	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.70	67	29454	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	63483	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	8.19	79	10438	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.64	63	60045	43.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26849	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	29733	4.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.40%

Target Compounds

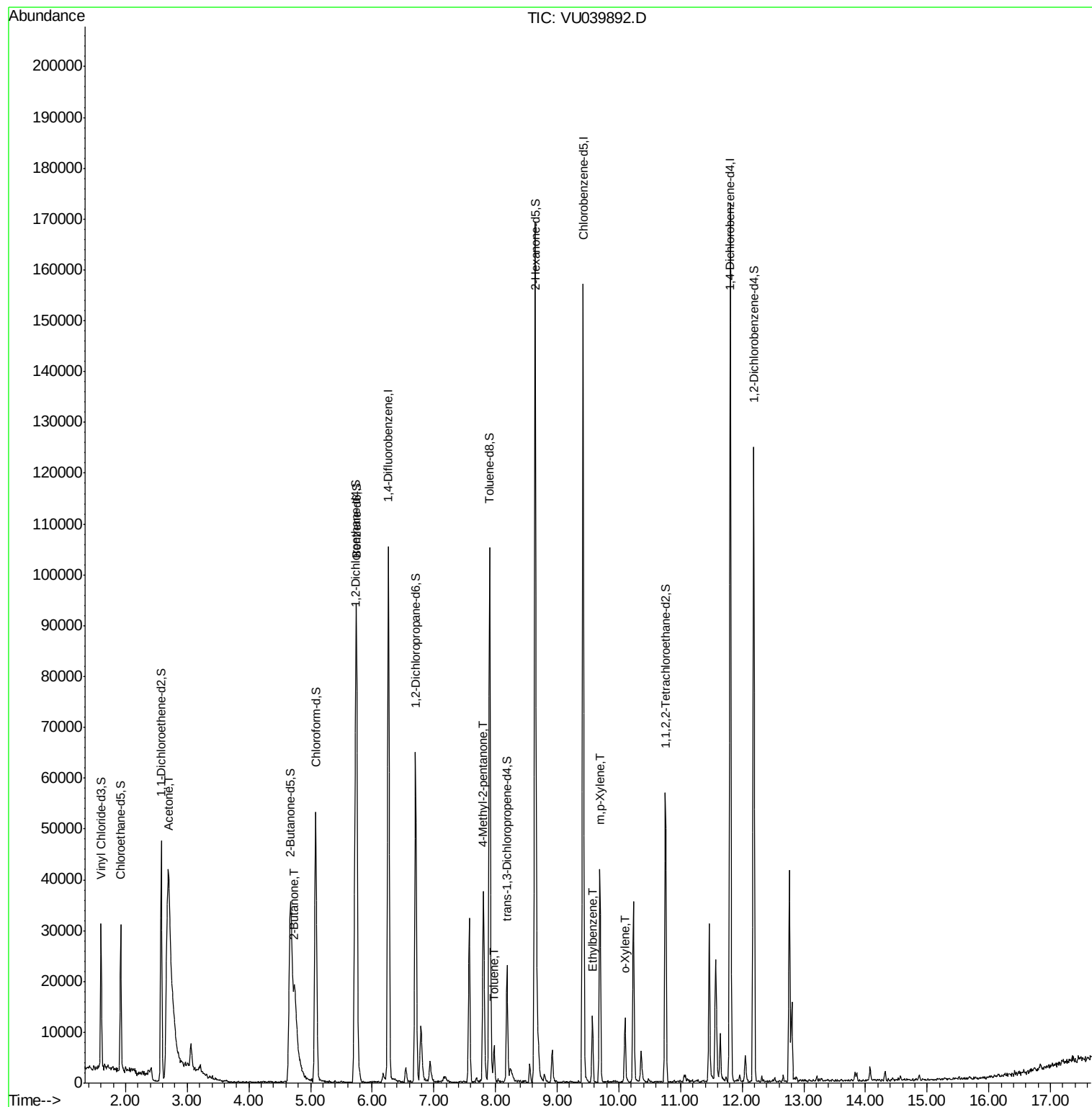
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	143395	126.791	ug/L	58
21) 2-Butanone	4.74	43	24973	14.012	ug/L	# 65
40) 4-Methyl-2-pentanone	7.80	43	29236	6.658	ug/L	96
42) Toluene	7.97	91	4524	0.195	ug/L	89
52) Ethylbenzene	9.57	91	8330	0.320	ug/L	97
53) m,p-Xylene	9.69	106	11215	1.132	ug/L	90
54) o-Xylene	10.10	106	3284	0.338	ug/L	97

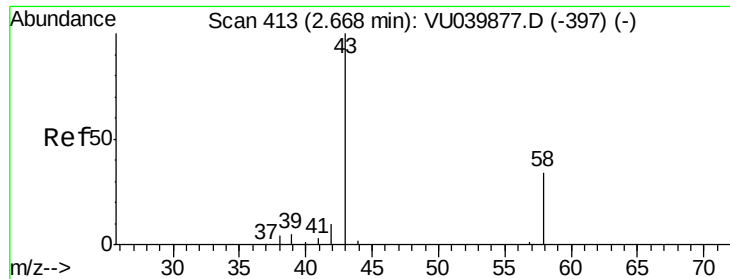
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 126.791 ug/L

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU039892.D

Acq: 17 Aug 2020 17:27

Instrument :

MSVOA_U

ClientSampleId :

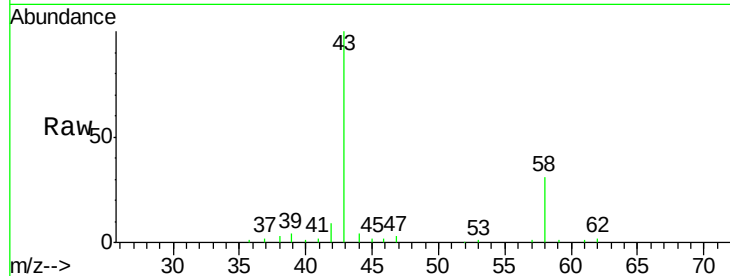
F4M01

Tot Ion: 43 Resp: 143395

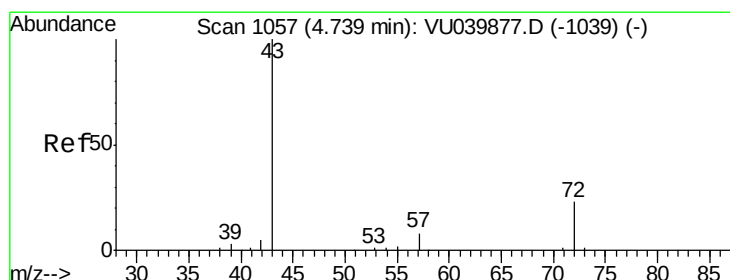
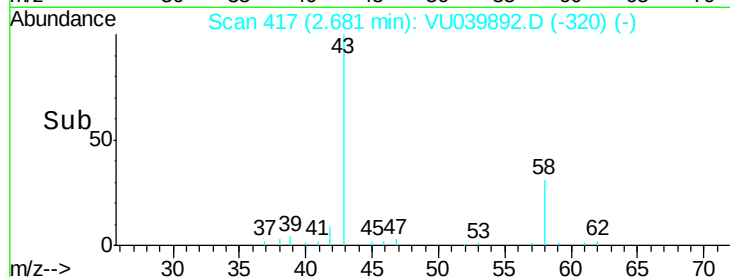
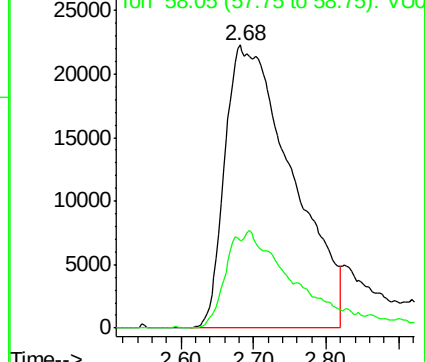
Ion Ratio Lower Upper

43 100

58 7.9 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU039892.D (-320) (-)



#21

2-Butanone

Concen: 14.012 ug/L

RT: 4.74 min Scan# 1058

Delta R.T. 0.00 min

Lab File: VU039892.D

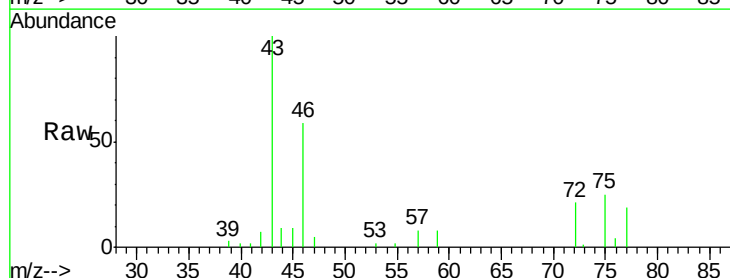
Acq: 17 Aug 2020 17:27

Tgt Ion: 43 Resp: 24973

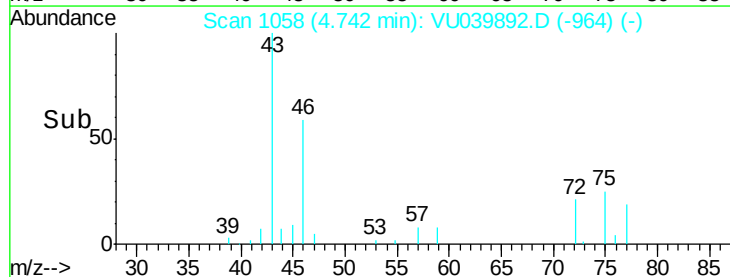
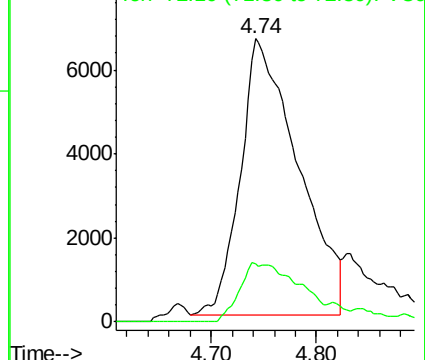
Ion Ratio Lower Upper

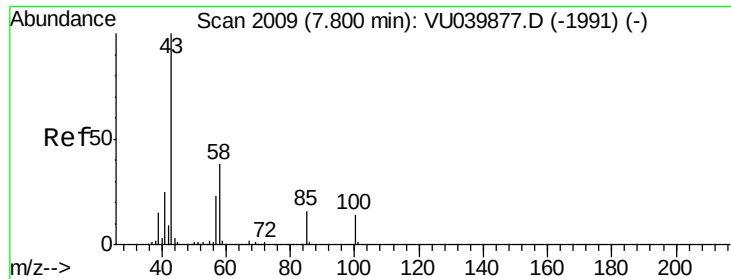
43 100

72 8.4 13.0 39.0#



Abundance Ion 43.05 (42.75 to 43.75): VU039892.D (-964) (-)

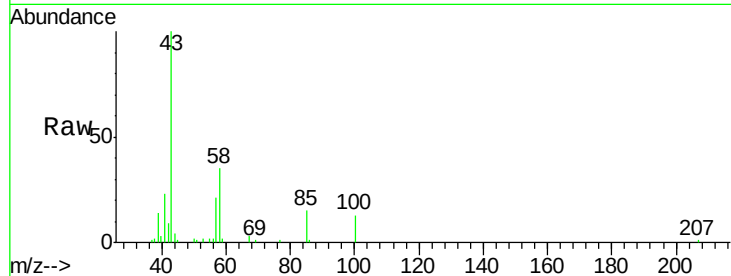




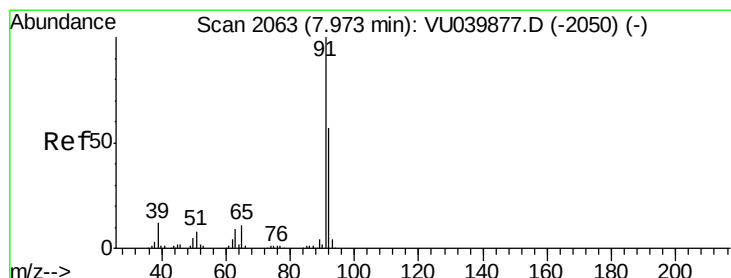
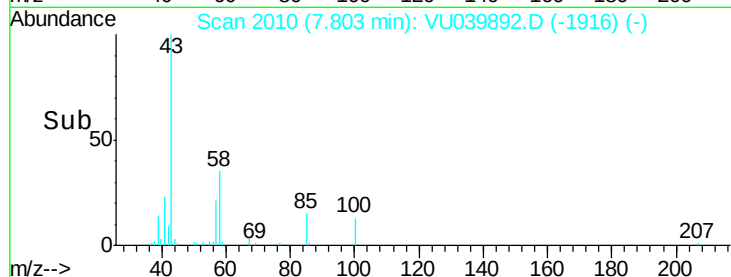
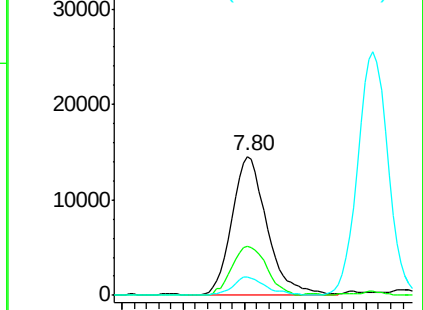
#40
4-Methyl-2-pentanone
Concen: 6.658 ug/L
RT: 7.80 min Scan# 2010
Delta R.T. 0.00 min
Lab File: VU039892.D
Acq: 17 Aug 2020 17:27

Instrument :
MSVOA_U
ClientSampleId :
F4M01

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.8	29.4	44.2
100	12.6	11.7	17.5

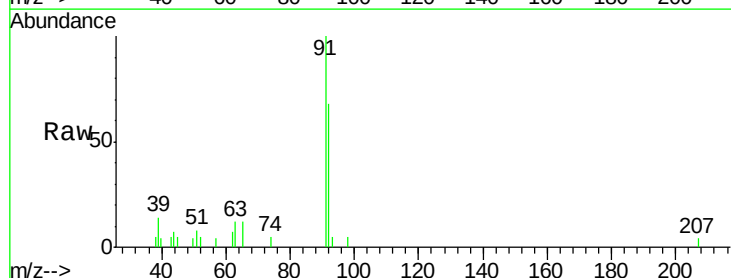


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0

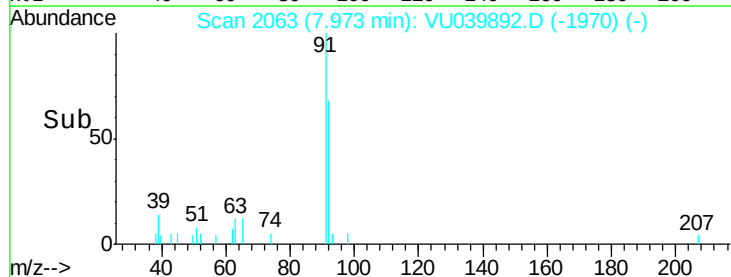
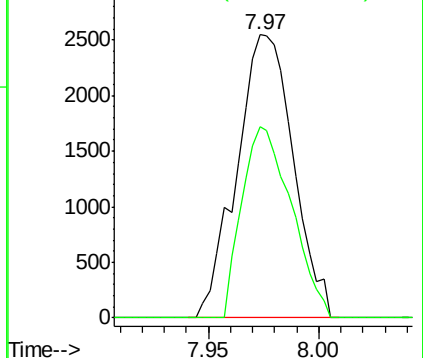


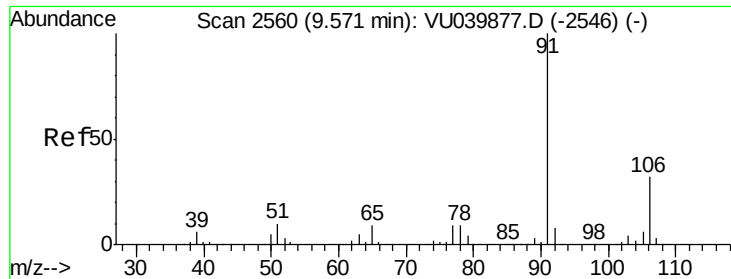
#42
Toluene
Concen: 0.195 ug/L
RT: 7.97 min Scan# 2063
Delta R.T. -0.00 min
Lab File: VU039892.D
Acq: 17 Aug 2020 17:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	67.6	41.6	77.3



Abundance Ion 91.15 (90.85 to 91.85): VU0
Ion 92.15 (91.85 to 92.85): VU0

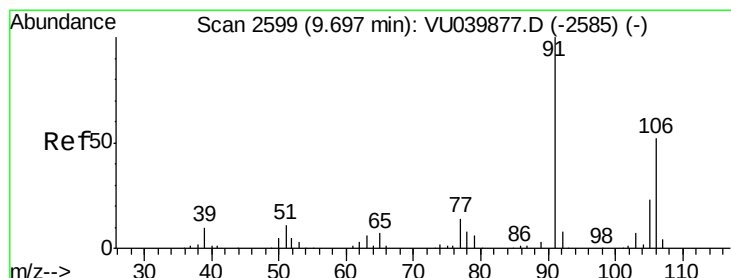
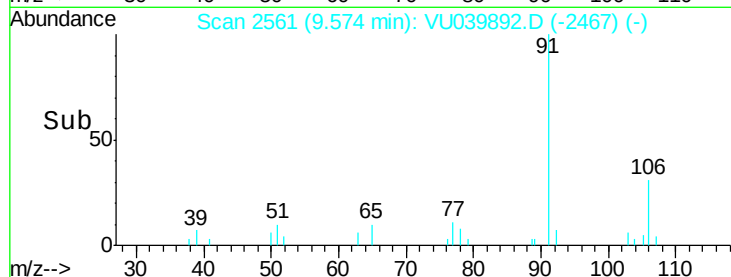
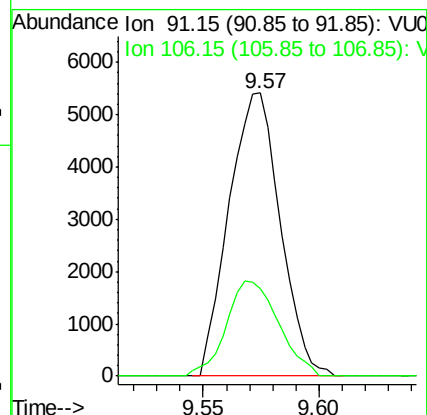
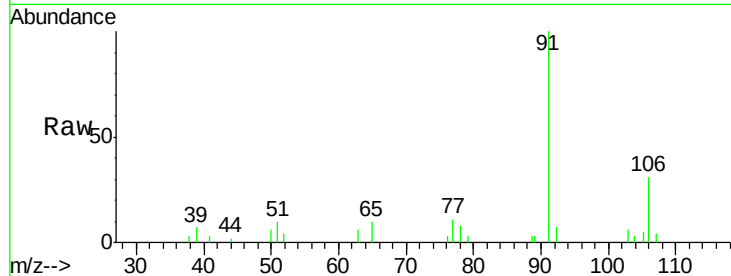




#52
Ethylbenzene
Concen: 0.320 ug/L
RT: 9.57 min Scan# 2561
Delta R.T. 0.00 min
Lab File: VU039892.D
Acq: 17 Aug 2020 17:27

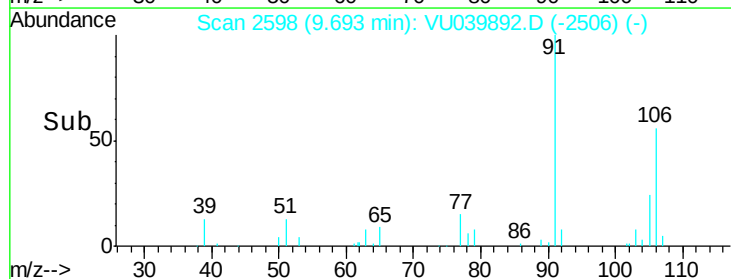
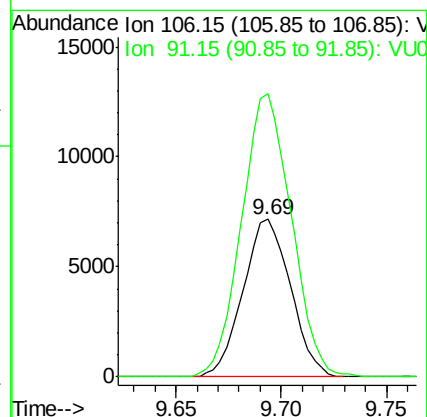
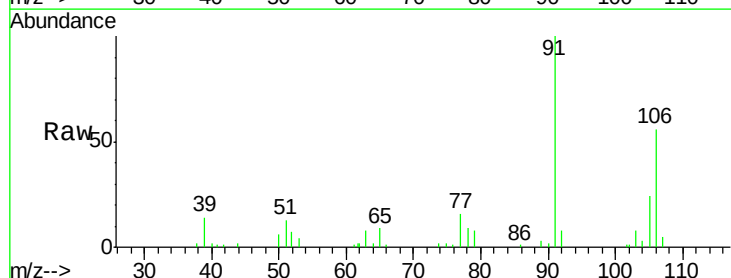
Instrument :
MSVOA_U
ClientSampleId :
F4M01

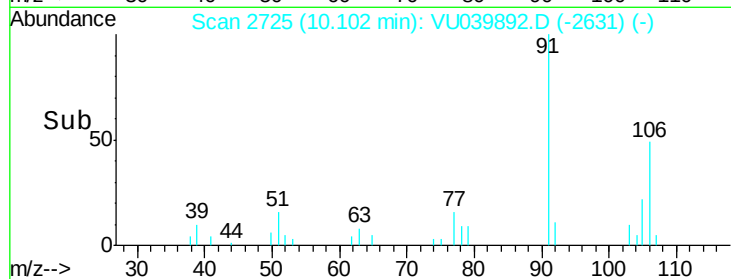
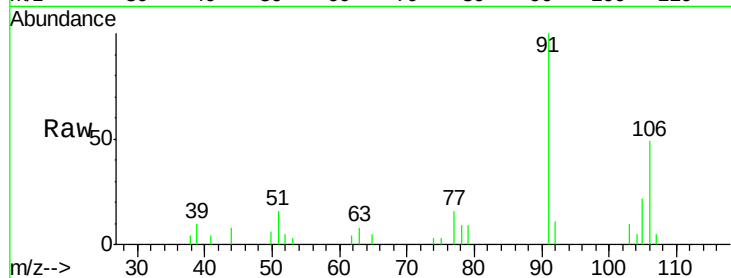
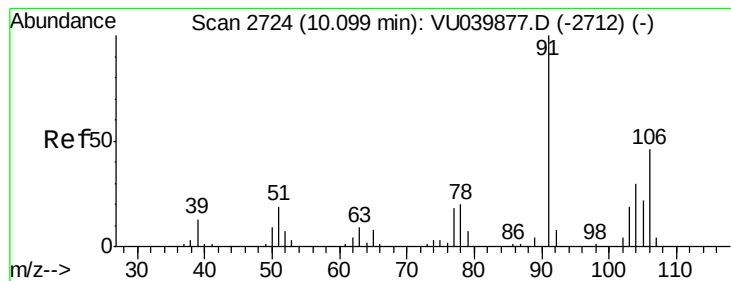
Tot Ion: 91 Resp: 8330
Ion Ratio Lower Upper
91 100
106 30.9 22.8 42.4



#53
m,p-Xylene
Concen: 1.132 ug/L
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039892.D
Acq: 17 Aug 2020 17:27

Tgt Ion: 106 Resp: 11215
Ion Ratio Lower Upper
106 100
91 179.4 135.5 251.7





#54
 o-Xylene
 Concen: 0.338 ug/L
 RT: 10.10 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VU039892.D
 Acq: 17 Aug 2020 17:27

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M01

Tot Ion:106 Resp: 3284
 Ion Ratio Lower Upper
 106 100
 91 205.8 140.8 261.6

