

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040813.D
 Acq On : 19 Oct 2020 18:46
 Operator : SY/MD
 Sample : L4428-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ46

Quant Time: Oct 20 04:57:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	110165	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116722	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	49838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29684	3.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.00%
7) Chloroethane-d5	1.92	69	29009	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.58	63	45965	2.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.60%#
20) 2-Butanone-d5	4.65	46	169228	57.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.86%
24) Chloroform-d	5.08	84	78264	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.72	65	49987	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.75	84	131155	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
36) 1,2-Dichloropropane-d6	6.70	67	47485	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.91	98	96498	3.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.40%#
43) trans-1,3-Dichloropropene-	8.19	79	18463	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.64	63	115822	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	48041	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47802	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

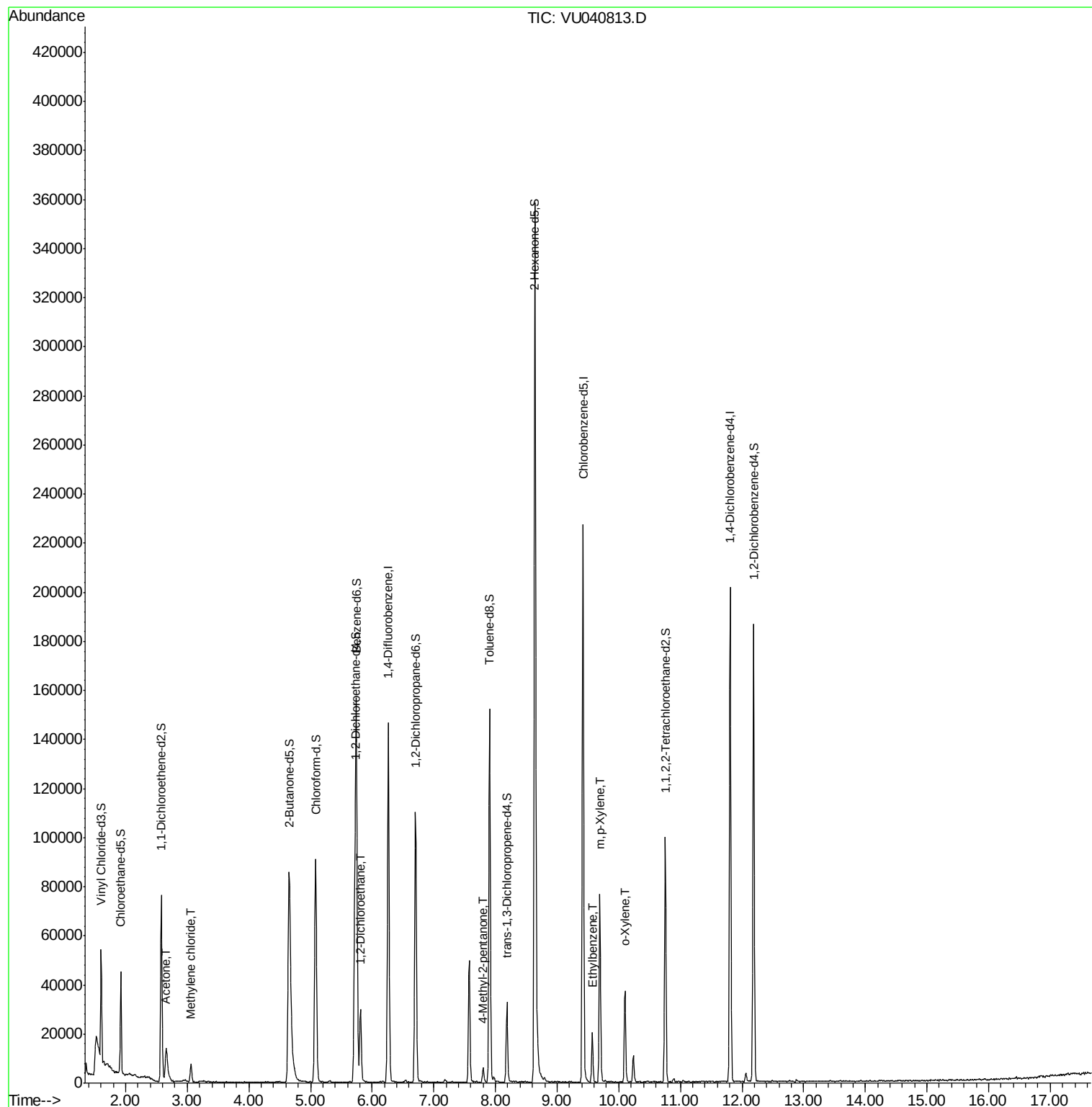
					Ovalue
13) Acetone	2.66	43	22207	9.808	ug/L 100
16) Methylene chloride	3.06	84	3412	0.338	ug/L 91
27) 1,2-Dichloroethane	5.81	62	23774	1.933	ug/L 97
40) 4-Methyl-2-pentanone	7.80	43	4327	0.519	ug/L # 87
52) Ethylbenzene	9.57	91	14119	0.341	ug/L 98
53) m,p-Xylene	9.69	106	19669	1.305	ug/L 94
54) o-Xylene	10.10	106	9171	0.633	ug/L 94

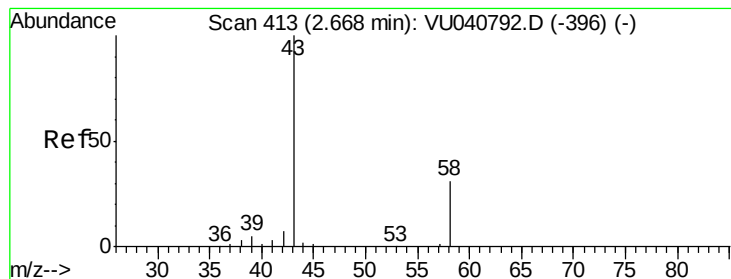
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.808 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.01 min

Lab File: VU040813.D

Acq: 19 Oct 2020 18:46

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MSVOA_U

ClientSampleId :

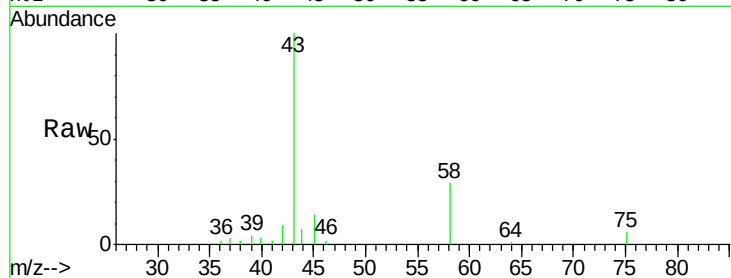
ETZ46

Tot Ion: 43 Resp: 22207

Ion Ratio Lower Upper

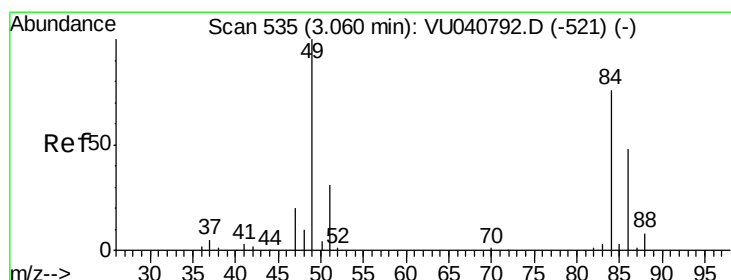
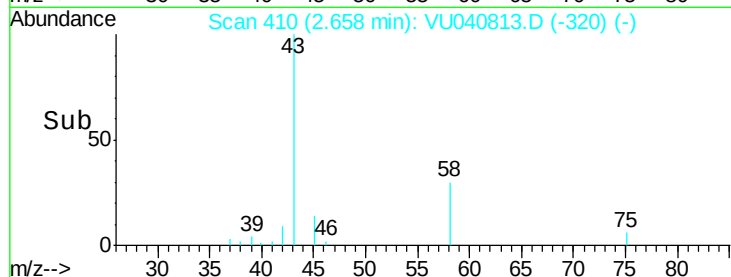
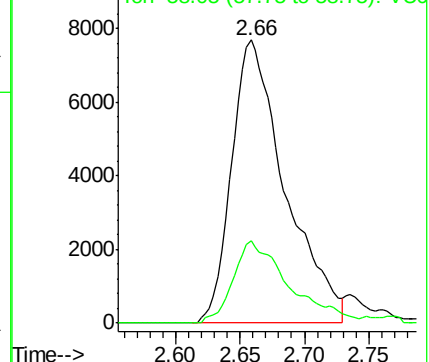
43 100

58 30.3 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.338 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU040813.D

Acq: 19 Oct 2020 18:46

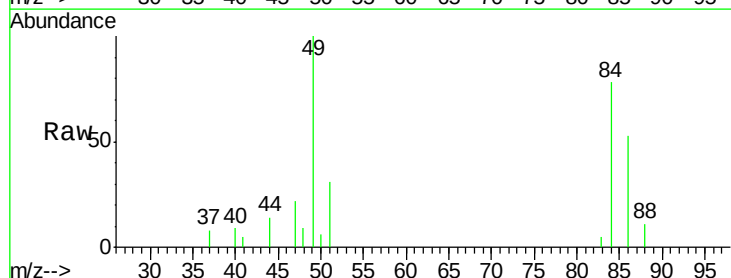
Tgt Ion: 84 Resp: 3412

Ion Ratio Lower Upper

84 100

86 68.6 45.4 84.4

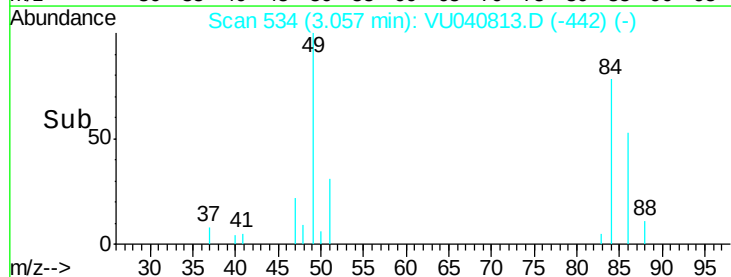
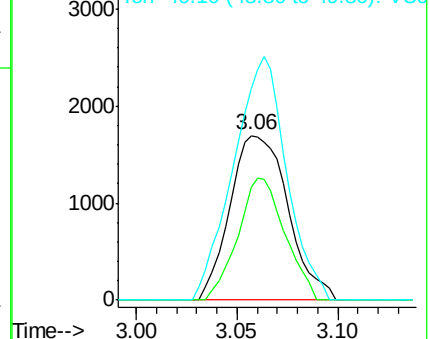
49 128.7 99.8 185.3

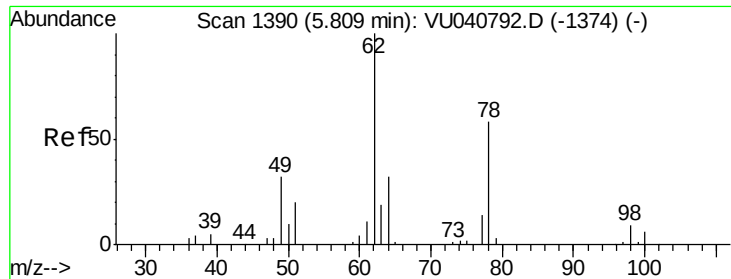


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

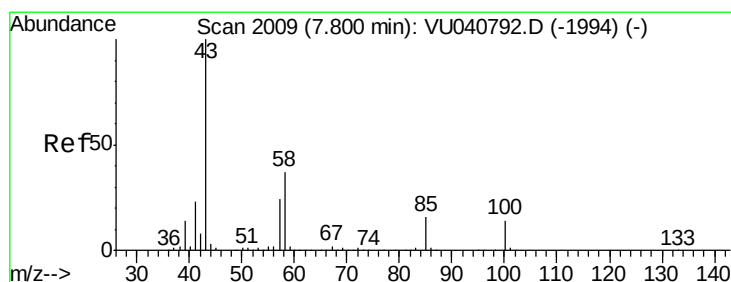
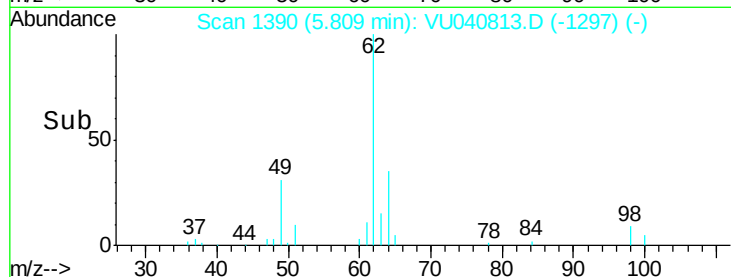
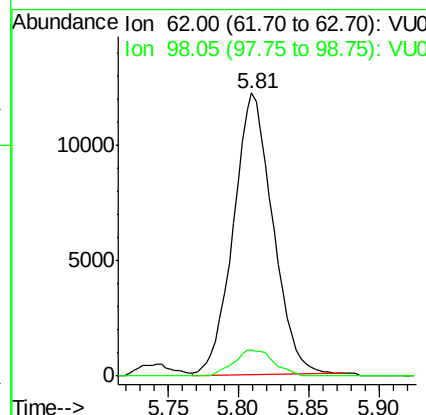
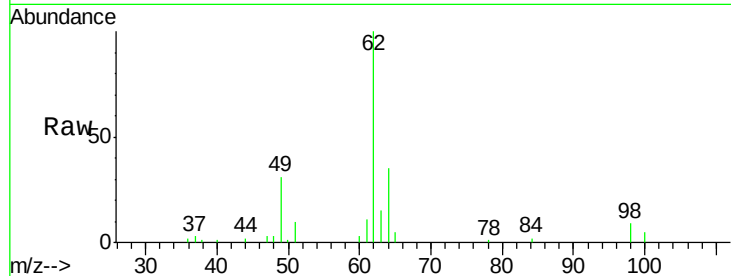




#27
 1,2-Dichloroethane
 Concen: 1.933 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU040813.D
 Acq: 19 Oct 2020 18:46

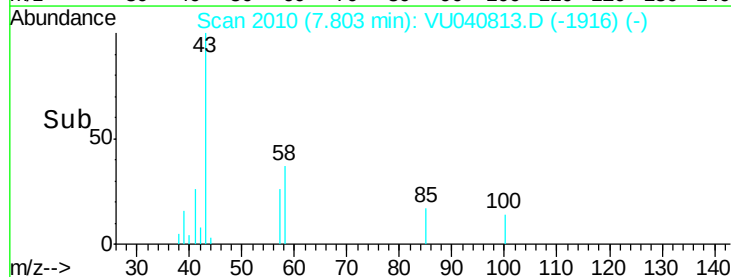
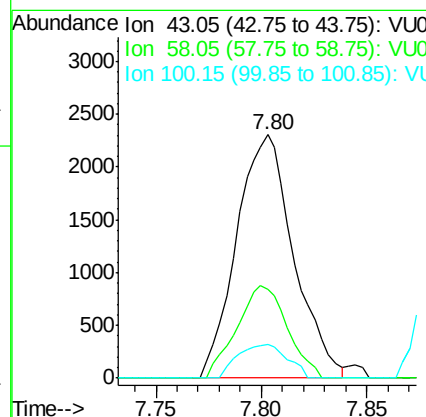
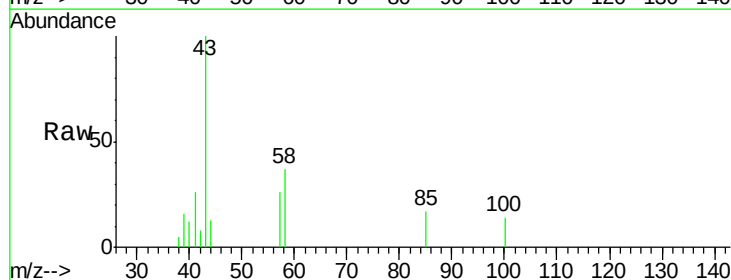
Instrument :
 MSVOA_U
 ClientSampled :
 ETZ46

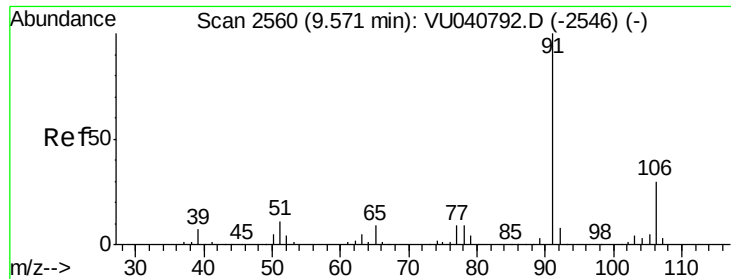
Tot Ion: 62 Resp: 23774
 Ion Ratio Lower Upper
 62 100
 98 9.3 6.6 10.0



#40
 4-Methyl-2-pentanone
 Concen: 0.519 ug/L
 RT: 7.80 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: VU040813.D
 Acq: 19 Oct 2020 18:46

Tgt Ion: 43 Resp: 4327
 Ion Ratio Lower Upper
 43 100
 58 33.6 29.7 44.5
 100 0.0 10.7 16.1#





#52

Ethylbenzene

Concen: 0.341 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU040813.D

Acq: 19 Oct 2020 18:46

Instrument :

MSVOA_U

ClientSampleId :

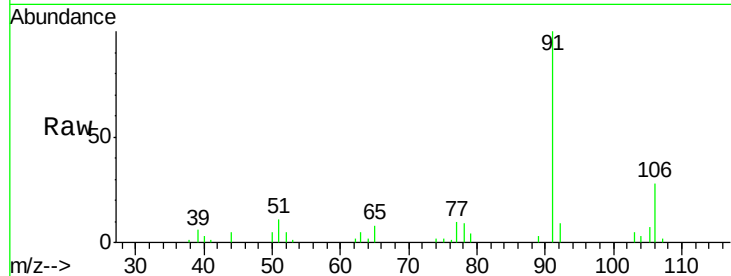
ETZ46

Tot Ion: 91 Resp: 14119

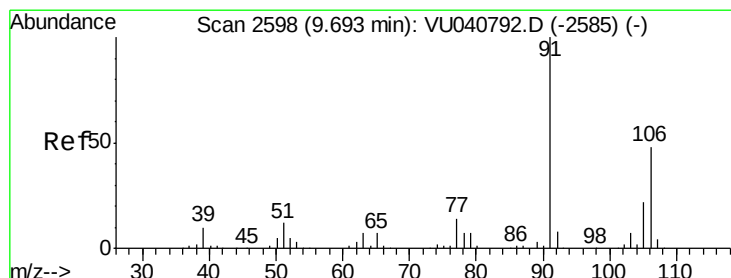
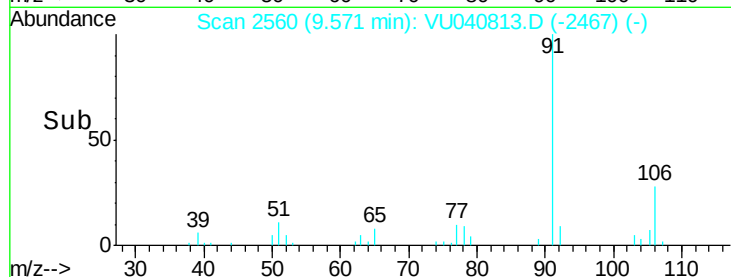
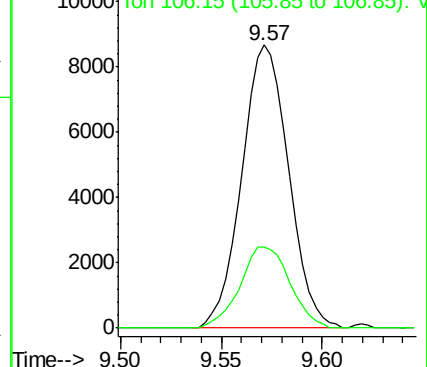
Ion Ratio Lower Upper

91 100

106 28.5 20.7 38.5



Abundance Ion 91.15 (90.85 to 91.85): VU040813.D (-2546) (-)



#53

m,p-Xylene

Concen: 1.305 ug/L

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040813.D

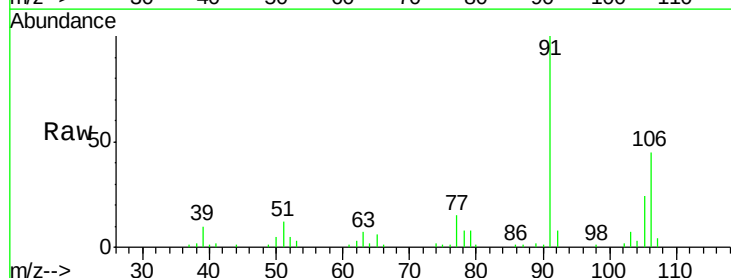
Acq: 19 Oct 2020 18:46

Tgt Ion: 106 Resp: 19669

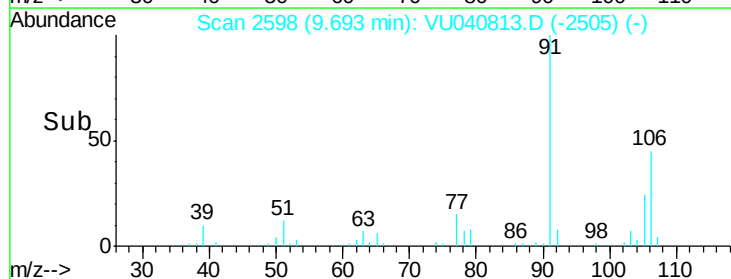
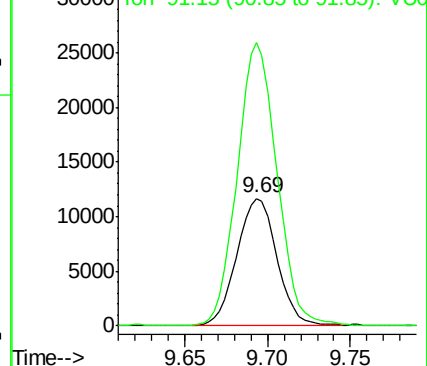
Ion Ratio Lower Upper

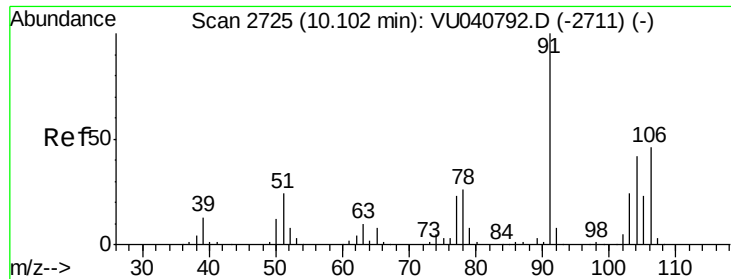
106 100

91 222.1 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): VU040813.D (-2598) (-)





#54
 o-Xylene
 Concen: 0.633 ug/L
 RT: 10.10 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VU040813.D
 Acq: 19 Oct 2020 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 ETZ46

Tot Ion:106 Resp: 9171
 Ion Ratio Lower Upper
 106 100
 91 238.5 160.2 297.4

