

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031120\
 Data File : VU037178.D
 Acq On : 11 Mar 2020 20:00
 Operator : JC/MD
 Sample : L1891-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBER0

Quant Time: Mar 12 04:14:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 12 01:55:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	110092	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	112212	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	45212	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	34054	4.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.20%
7) Chloroethane-d5	1.93	69	27240	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.59	63	52895	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.68	46	89426	48.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.72%
24) Chloroform-d	5.10	84	71115	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.74	65	41790	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.76	84	130614	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.73	67	42435	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.93	98	116312	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.21	79	15889	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.66	63	70204	46.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.64%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	33933	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	42417	5.43	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.60%

Target Compounds

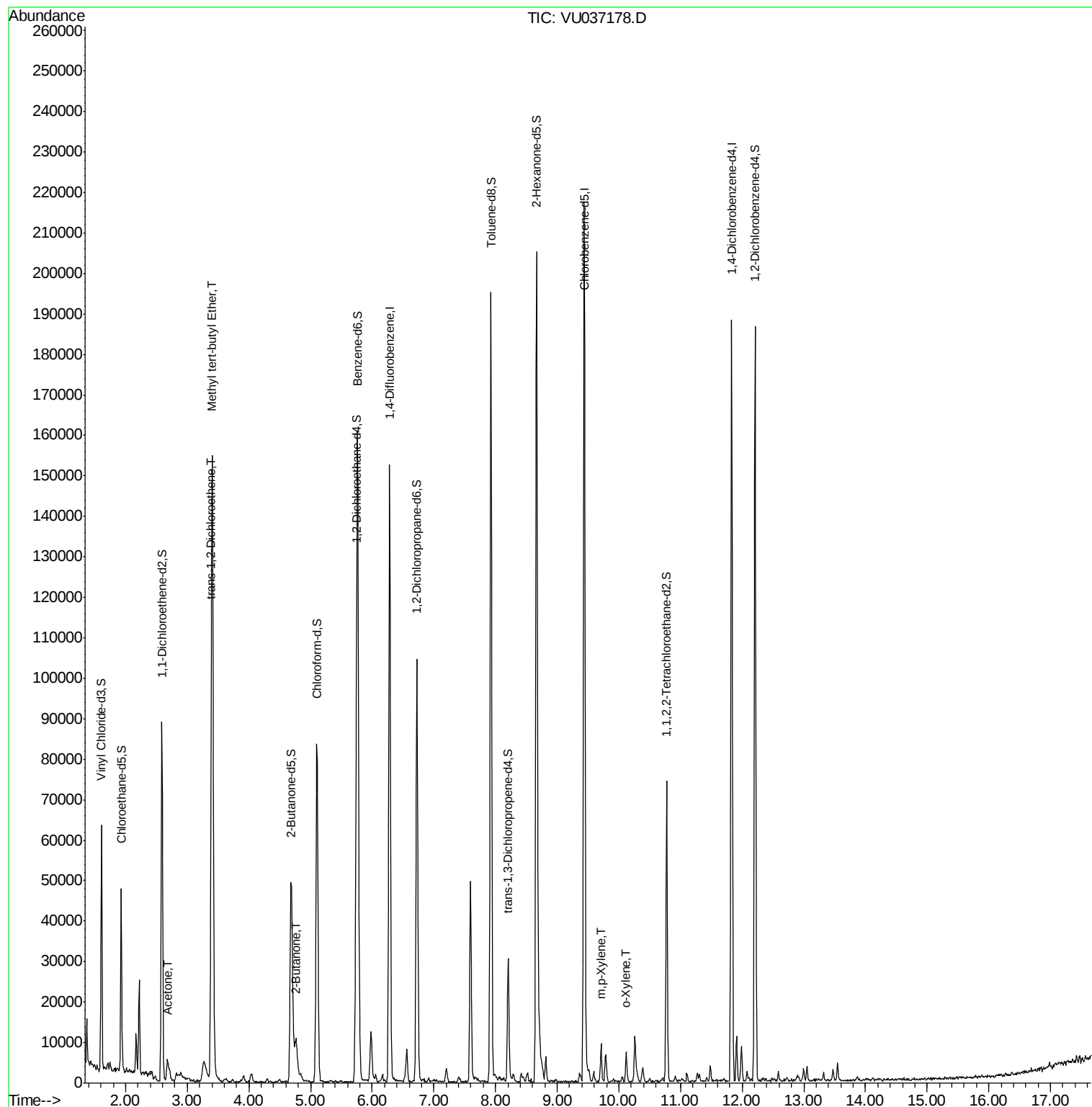
					Ovalue
13) Acetone	2.68	43	7113	4.694	ug/L 79
17) Methyl tert-butyl Ether	3.40	73	155610	8.061	ug/L 100
18) trans-1,2-Dichloroethene	3.38	96	2319	0.305	ug/L 87
21) 2-Butanone	4.76	43	11337	4.753	ug/L 99
53) m,p-Xylene	9.71	106	2488	0.176	ug/L 85
54) o-Xylene	10.12	106	2099	0.152	ug/L # 58

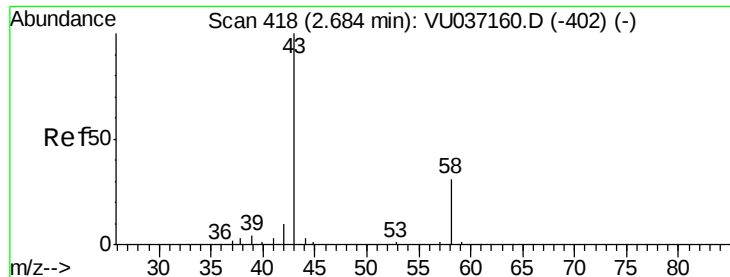
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 12 01:55:55 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.694 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.01 min

Lab File: VU037178.D

Acq: 11 Mar 2020 20:00

Instrument :

MSVOA_U

ClientSampleId :

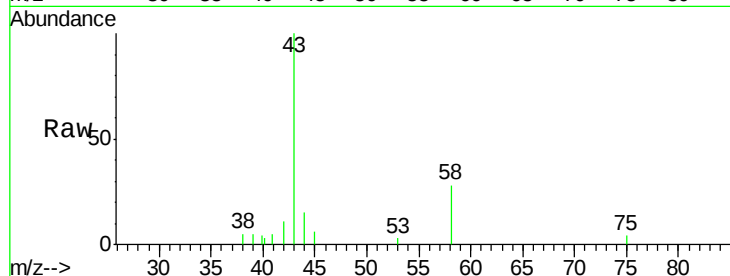
DBER0

Tot Ion: 43 Resp: 7113

Ion Ratio Lower Upper

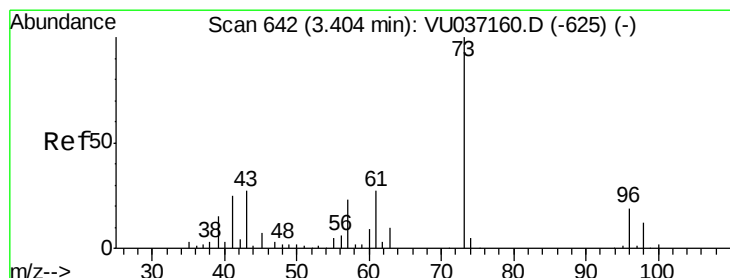
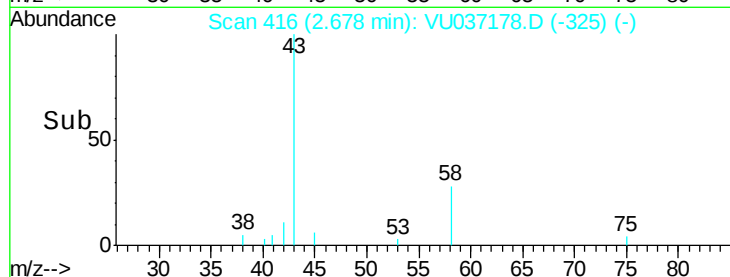
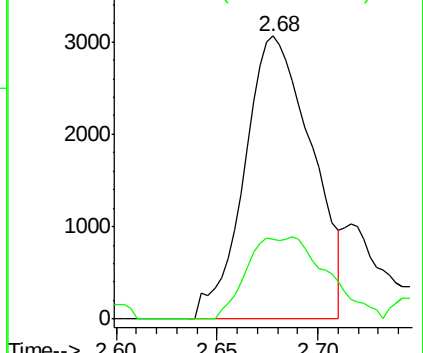
43 100

58 15.2 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VU037160.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU037160.D (-402) (-)



#17

Methyl tert-butyl Ether

Concen: 8.061 ug/L

RT: 3.40 min Scan# 642

Delta R.T. 0.00 min

Lab File: VU037178.D

Acq: 11 Mar 2020 20:00

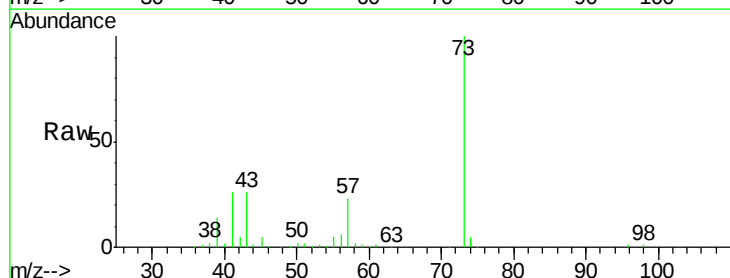
Tgt Ion: 73 Resp: 155610

Ion Ratio Lower Upper

73 100

43 26.3 21.1 31.7

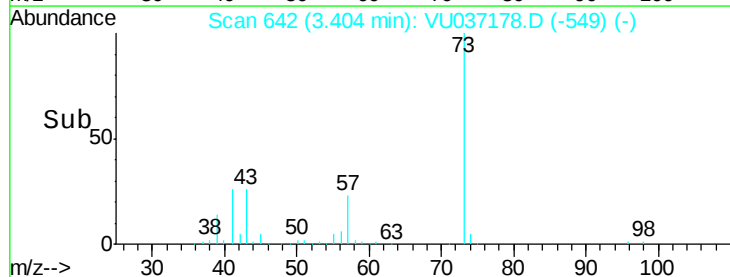
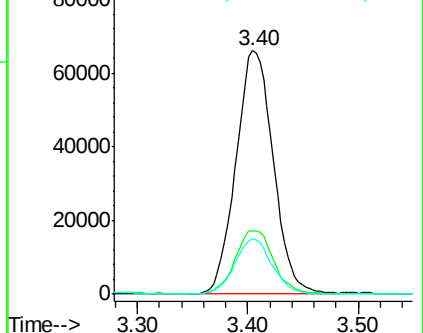
57 22.6 17.9 26.9

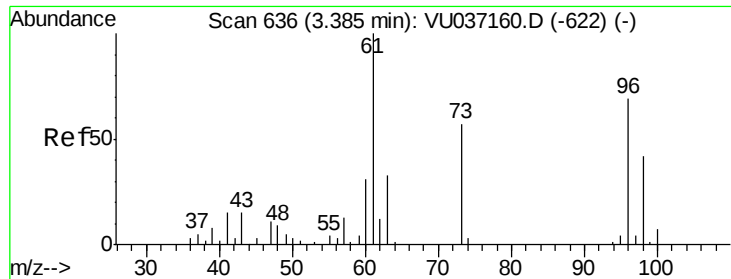


Abundance Ion 73.10 (72.80 to 73.80): VU037160.D (-625) (-)

Ion 43.05 (42.75 to 43.75): VU037160.D (-625) (-)

Ion 57.10 (56.80 to 57.80): VU037160.D (-625) (-)





#18

trans-1,2-Dichloroethene

Concen: 0.305 ug/L

RT: 3.38 min Scan# 635

Delta R.T. -0.00 min

Lab File: VU037178.D

Acq: 11 Mar 2020 20:00

Instrument :

MSVOA_U

ClientSampleId :

DBER0

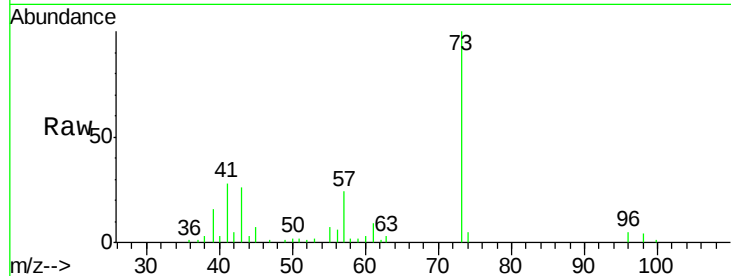
Tot Ion: 96 Resp: 2319

Ion Ratio Lower Upper

96 100

61 167.5 107.2 199.2

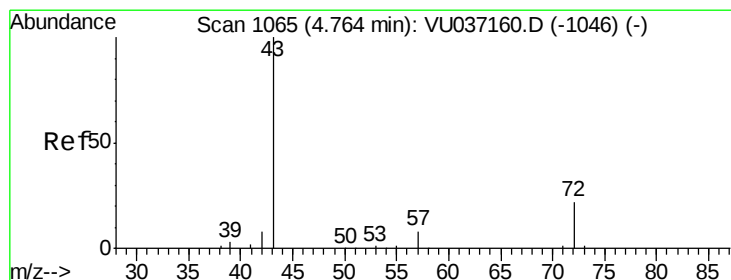
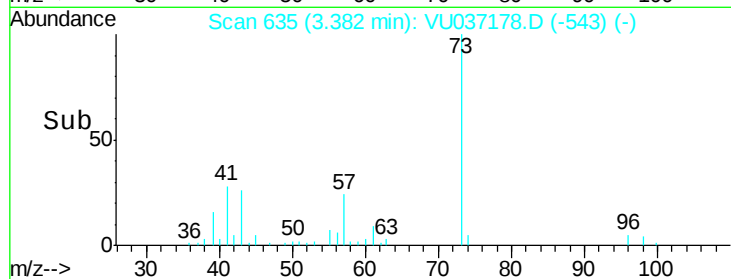
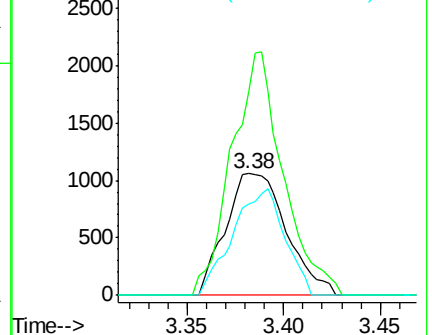
98 75.0 43.6 81.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0



#21

2-Butanone

Concen: 4.753 ug/L

RT: 4.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VU037178.D

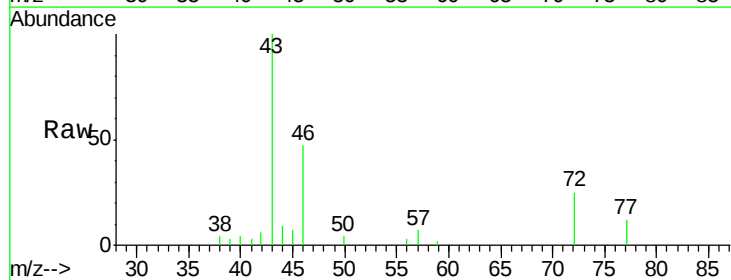
Acq: 11 Mar 2020 20:00

Tgt Ion: 43 Resp: 11337

Ion Ratio Lower Upper

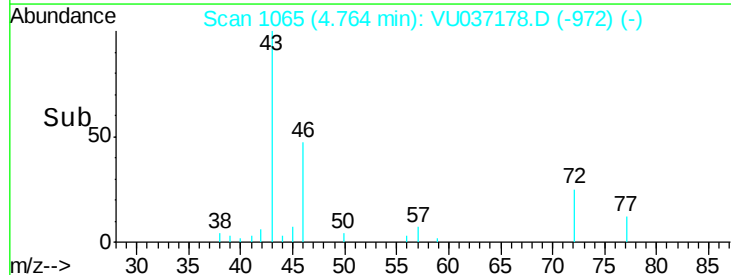
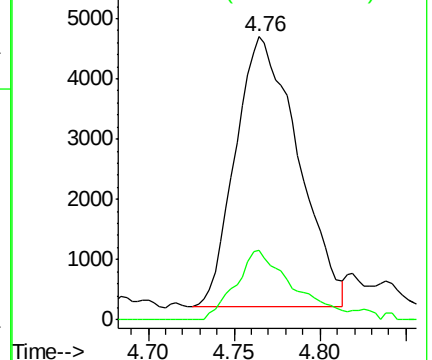
43 100

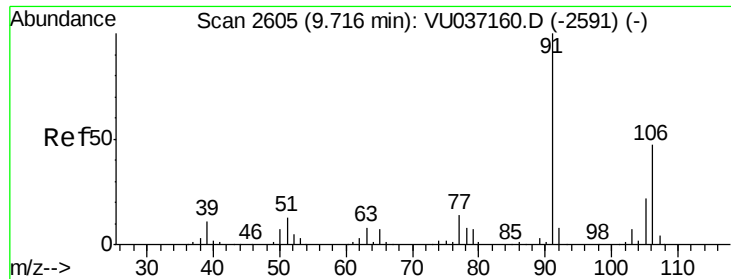
72 23.6 11.6 34.7



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 72.10 (71.80 to 72.80): VU0

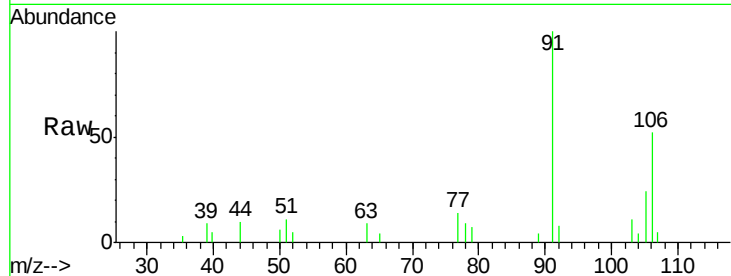




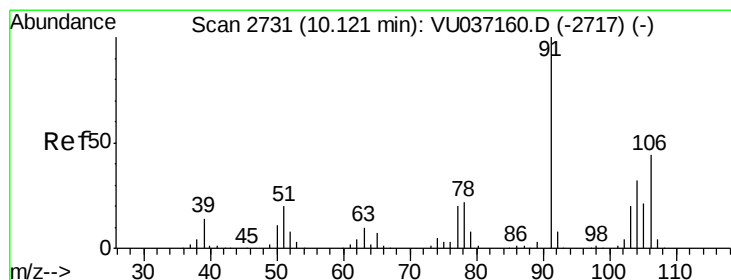
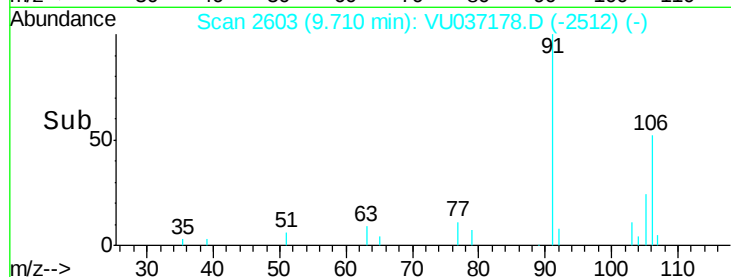
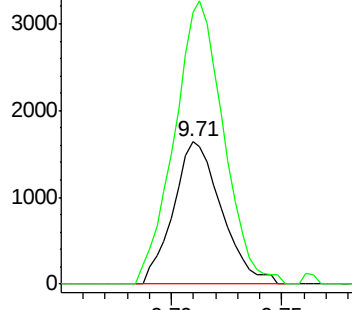
#53
m,p-Xylene
Concen: 0.176 ug/L
RT: 9.71 min Scan# 2603
Delta R.T. -0.01 min
Lab File: VU037178.D
Acq: 11 Mar 2020 20:00

Instrument :
MSVOA_U
ClientSampled :
DBER0

Tot Ion:106 Resp: 2488
Ion Ratio Lower Upper
106 100
91 191.8 150.4 279.4

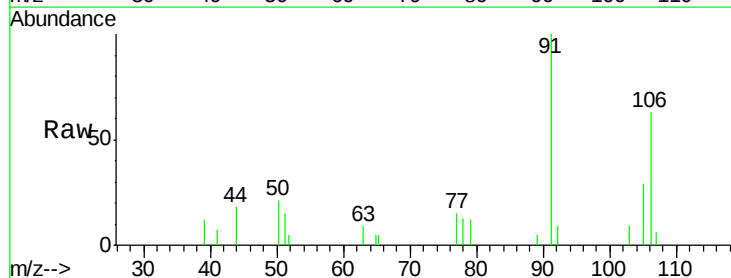


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0



#54
o-Xylene
Concen: 0.152 ug/L
RT: 10.12 min Scan# 2731
Delta R.T. 0.00 min
Lab File: VU037178.D
Acq: 11 Mar 2020 20:00

Tgt Ion:106 Resp: 2099
Ion Ratio Lower Upper
106 100
91 159.5 160.6 298.2#



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

