

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061020\
 Data File : VU038746.D
 Acq On : 10 Jun 2020 00:18
 Operator : SY/MD
 Sample : L2897-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW0K7

Quant Time: Jun 10 06:12:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 05:09:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	526543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.43	117	523682	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	247319	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	138713	47.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.30%
7) Chloroethane-d5	1.93	69	120301	52.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.42%
11) 1,1-Dichloroethene-d2	2.59	63	232042	36.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.38%
21) 2-Butanone-d5	4.66	46	321694	112.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	5.10	84	328835	51.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.68%
26) 1,2-Dichloroethane-d4	5.74	65	223984	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
32) Benzene-d6	5.76	84	654557	51.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.78%
36) 1,2-Dichloropropane-d6	6.72	67	204692	52.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.30%
41) Toluene-d8	7.92	98	567315	49.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.54%
43) trans-1,3-Dichloropropene-	8.20	79	94586	48.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.64%
47) 2-Hexanone-d5	8.65	63	232390	112.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	308069	53.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.24%
64) 1,2-Dichlorobenzene-d4	12.20	152	238111	55.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.90%

Target Compounds

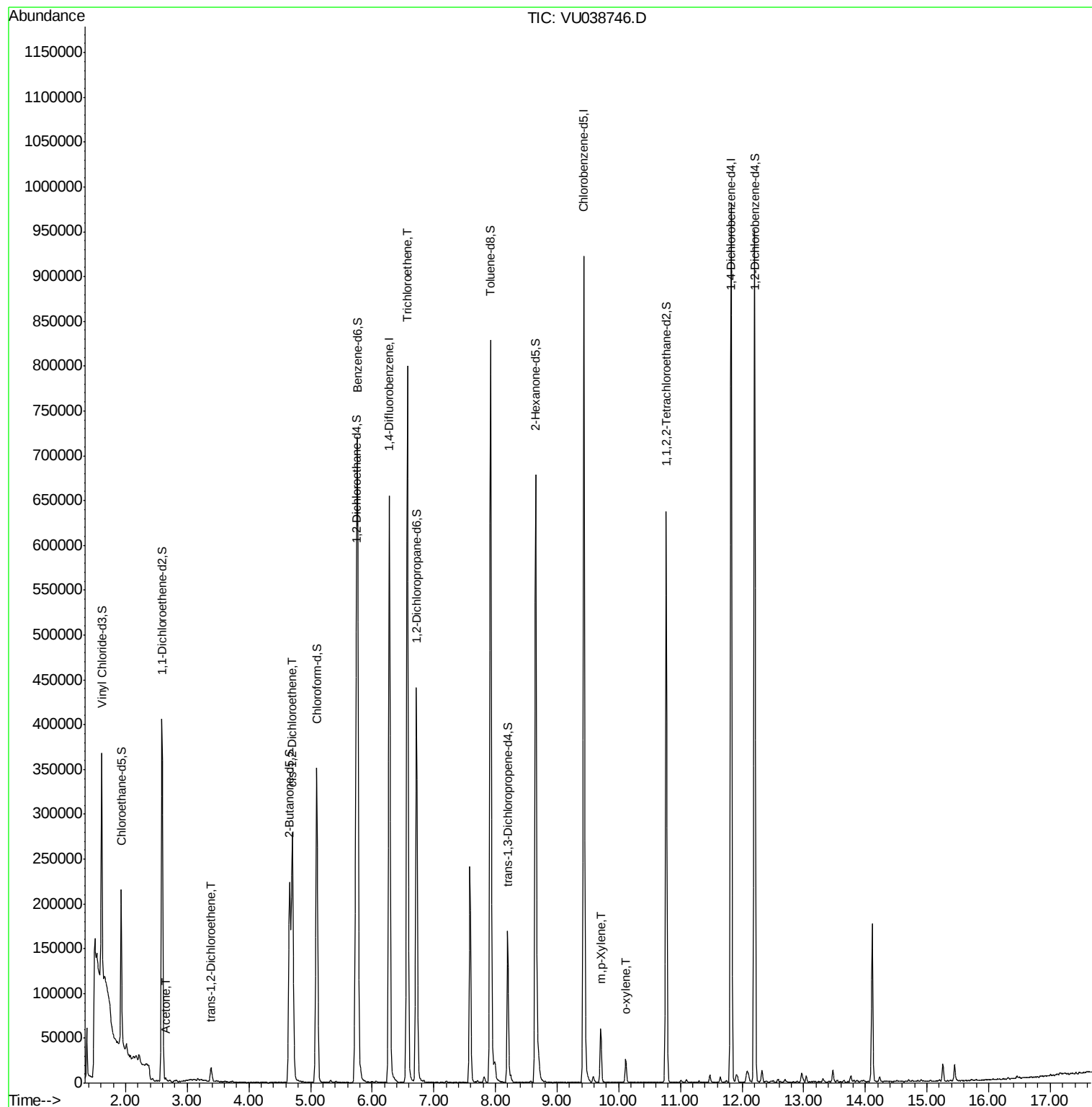
					Ovalue
13) Acetone	2.66	43	3716	1.611 ug/L	68
17) trans-1,2-Dichloroethene	3.39	96	6157	1.688 ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	134466	33.353 ug/L	98
34) Trichloroethene	6.57	95	265466	67.120 ug/L	98
53) m,p-Xylene	9.71	106	17963	2.608 ug/L	97
54) o-xylene	10.12	106	7226	1.081 ug/L	85

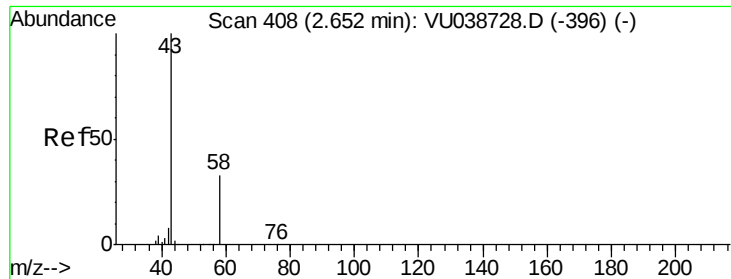
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.611 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

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Acq: 10 Jun 2020 00:18

Instrument :

MSVOA_U

ClientSampleId :

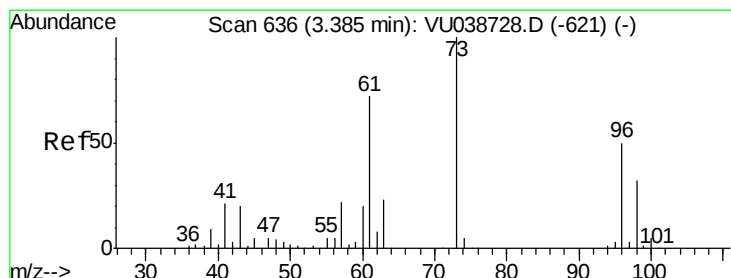
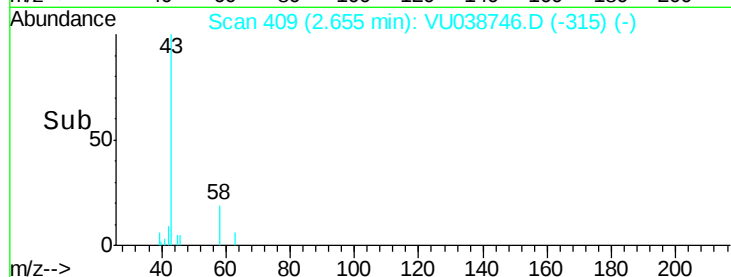
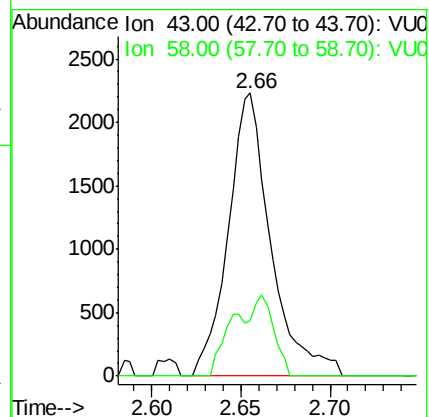
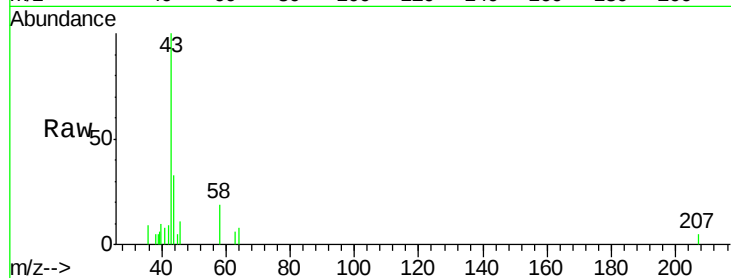
EW0K7

Tot Ion: 43 Resp: 3716

Ion Ratio Lower Upper

43 100

58 15.5 0.0 67.6



#17

trans-1,2-Dichloroethene

Concen: 1.688 ug/L

RT: 3.39 min Scan# 637

Delta R.T. 0.00 min

Lab File: VU038746.D

Acq: 10 Jun 2020 00:18

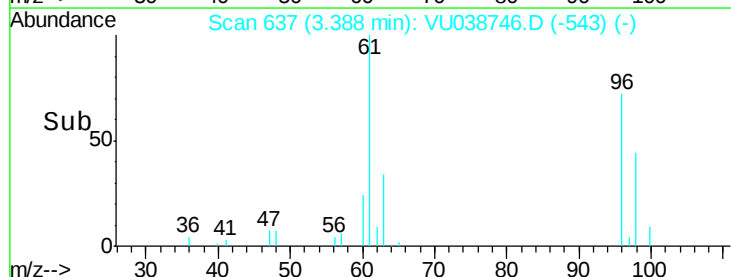
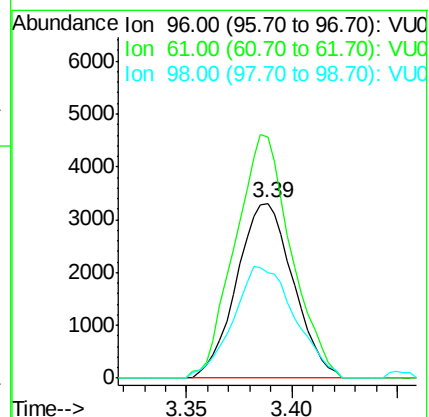
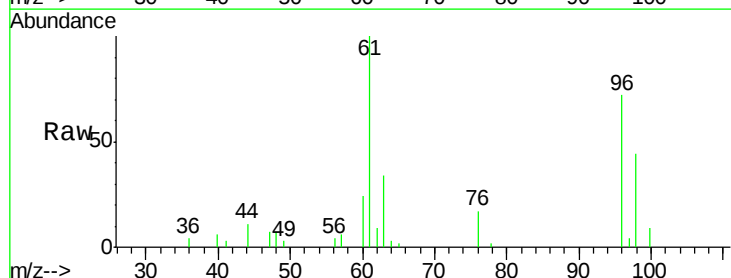
Tgt Ion: 96 Resp: 6157

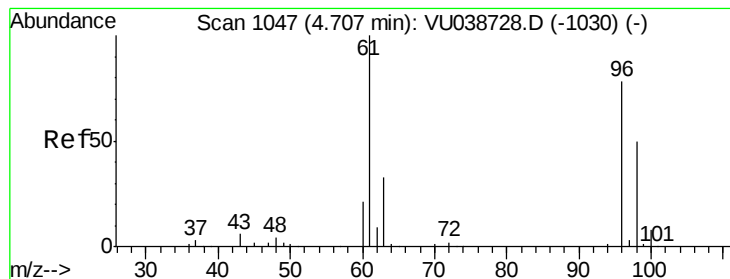
Ion Ratio Lower Upper

96 100

61 138.3 98.2 182.4

98 60.7 44.3 82.3





#20

cis-1,2-Dichloroethene

Concen: 33.353 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038746.D

Acq: 10 Jun 2020 00:18

Instrument :

MSVOA_U

ClientSampled :

EW0K7

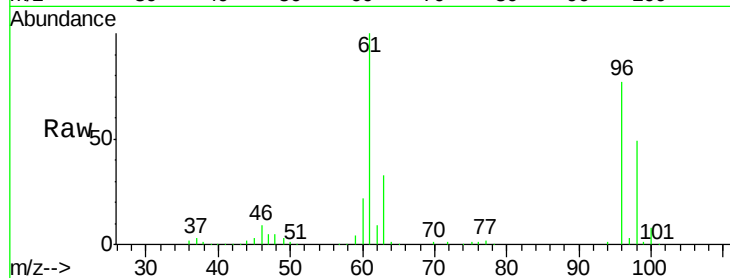
Tot Ion: 96 Resp: 134466

Ion Ratio Lower Upper

96 100

61 129.7 89.5 166.1

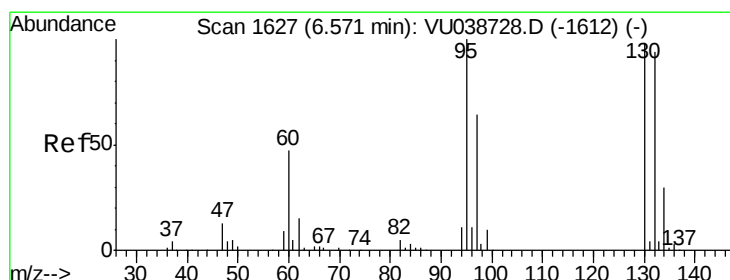
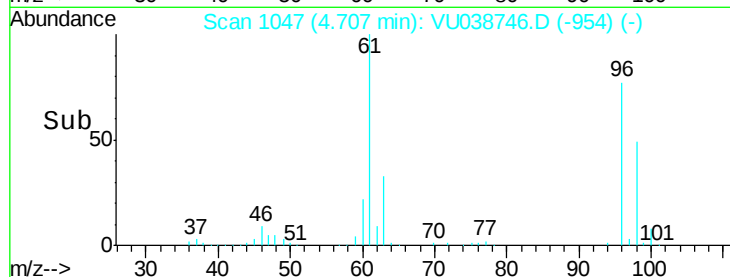
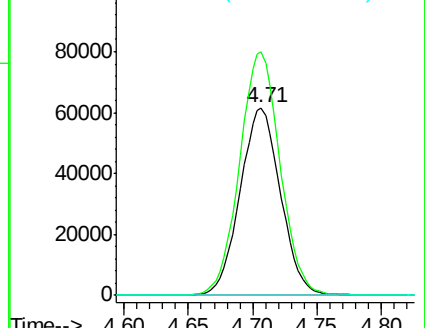
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU038746.D (-1534) (-)

Ion 61.00 (60.70 to 61.70): VU038746.D (-1534) (-)

Ion 68.00 (67.70 to 68.70): VU038746.D (-1534) (-)



#34

Trichloroethene

Concen: 67.120 ug/L

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038746.D

Acq: 10 Jun 2020 00:18

Tgt Ion: 95 Resp: 265466

Ion Ratio Lower Upper

95 100

97 64.0 44.4 82.4

132 96.7 64.9 120.5

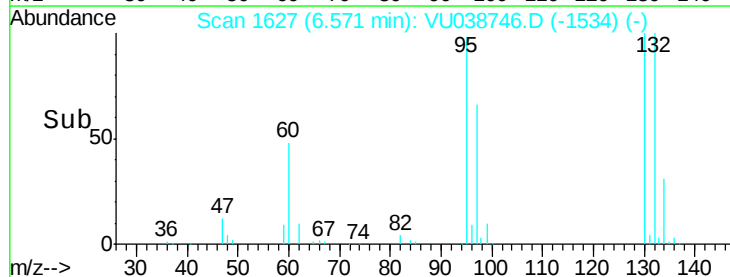
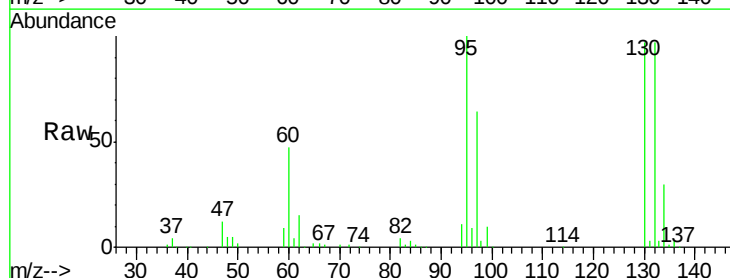
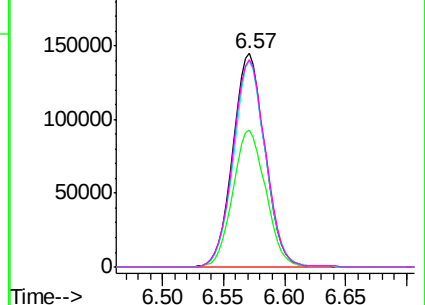
130 96.9 68.6 127.4

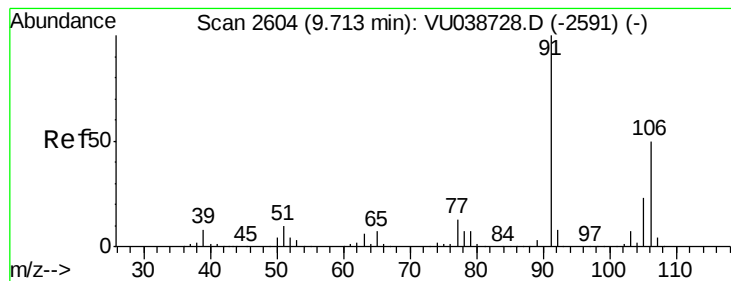
Abundance Ion 95.00 (94.70 to 95.70): VU038746.D (-1534) (-)

Ion 97.00 (96.70 to 97.70): VU038746.D (-1534) (-)

Ion 132.00 (131.70 to 132.70): VU038746.D (-1534) (-)

Ion 130.00 (129.70 to 130.70): VU038746.D (-1534) (-)





#53

m,p-Xylene

Concen: 2.608 ug/L

RT: 9.71 min Scan# 2602

Delta R.T. -0.01 min

Lab File: VU038746.D

Acq: 10 Jun 2020 00:18

Instrument :

MSVOA_U

ClientSampleId :

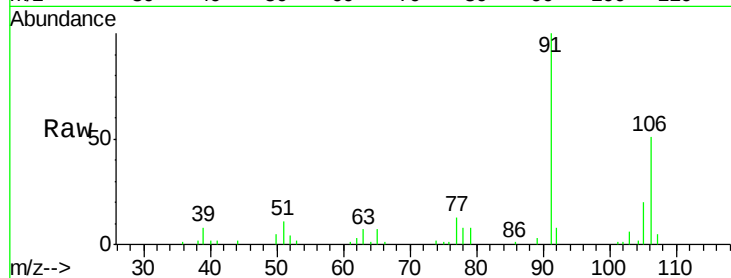
EW0K7

Tot Ion:106 Resp: 17963

Ion Ratio Lower Upper

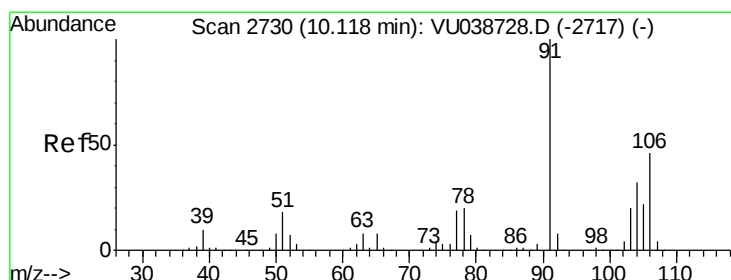
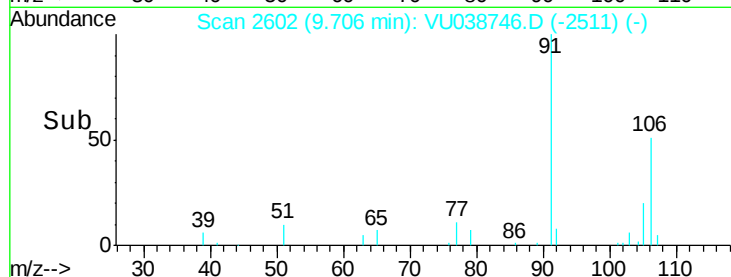
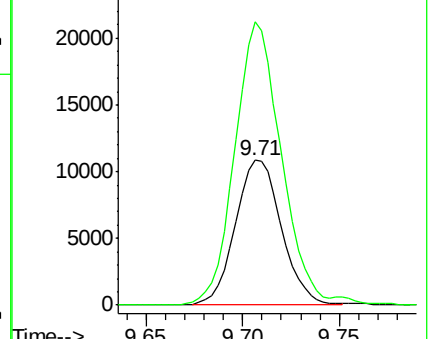
106 100

91 195.6 140.1 260.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#54

o-xylene

Concen: 1.081 ug/L

RT: 10.12 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VU038746.D

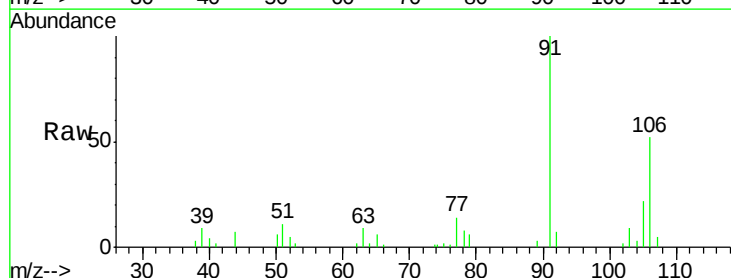
Acq: 10 Jun 2020 00:18

Tgt Ion:106 Resp: 7226

Ion Ratio Lower Upper

106 100

91 192.6 151.2 280.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0

