

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023743.D
 Acq On : 08 May 2018 17:51
 Operator : MD/SY
 Sample : J2725-03DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 09 03:40:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050818WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 09 03:02:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	331459	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	321847	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	164052	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135589	52.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.60%
7) Chloroethane-d5	1.68	69	106442	54.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.96%
11) 1,1-Dichloroethene-d2	2.27	63	200649	41.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.54%
21) 2-Butanone-d5	4.18	46	229444	120.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.25%
24) Chloroform-d	4.65	84	235036	54.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.04%
26) 1,2-Dichloroethane-d4	5.31	65	157332	56.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.82%
32) Benzene-d6	5.35	84	509642	55.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.54%
36) 1,2-Dichloropropane-d6	6.34	67	171544	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	113.76%
41) Toluene-d8	7.57	98	467999	54.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.40%
43) trans-1,3-Dichloropropene-	7.85	79	70562	54.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.16%
47) 2-Hexanone-d5	8.31	63	163766	121.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.55%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	225618	55.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	196003	57.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	115.36%

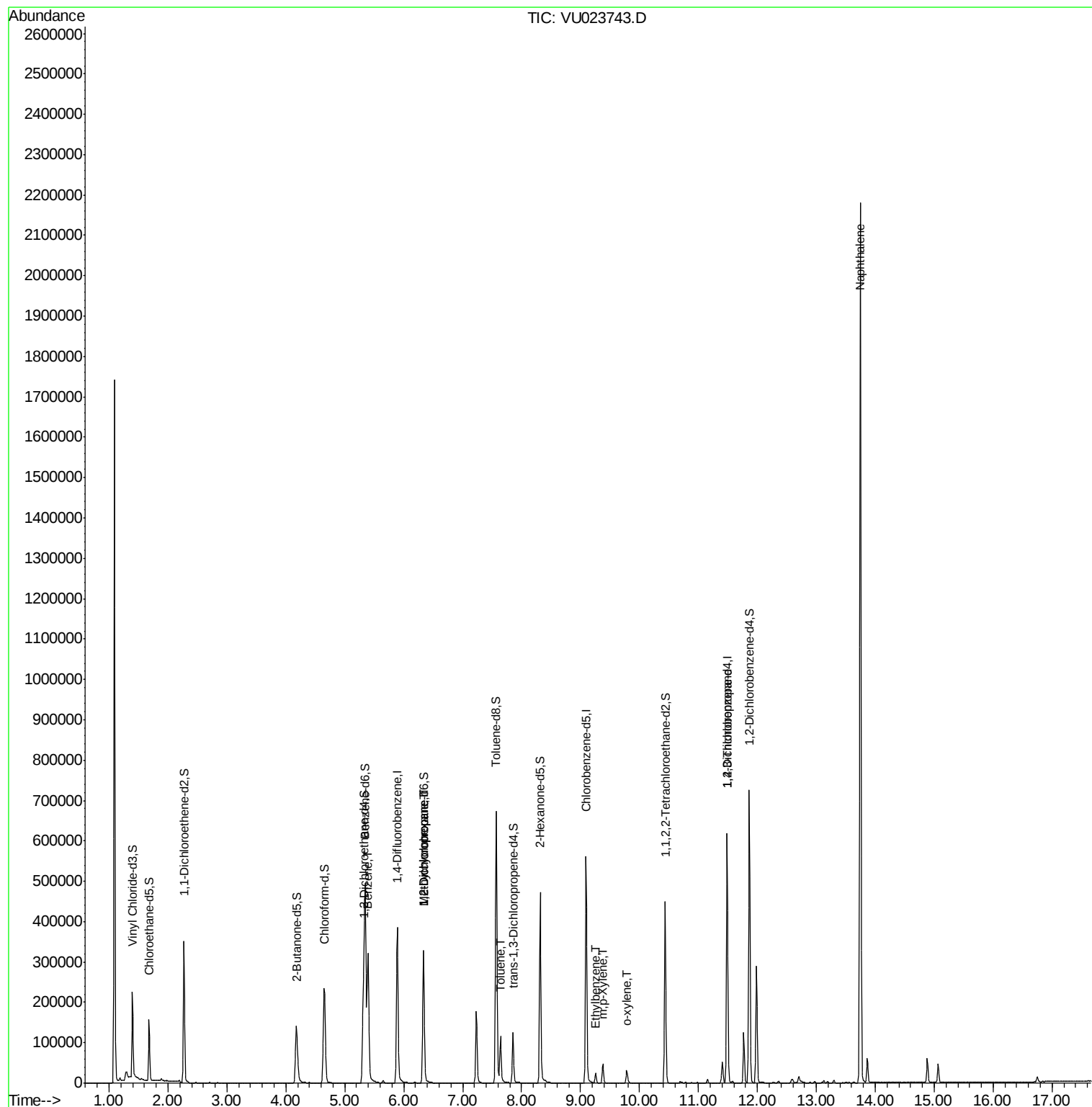
Target Compounds

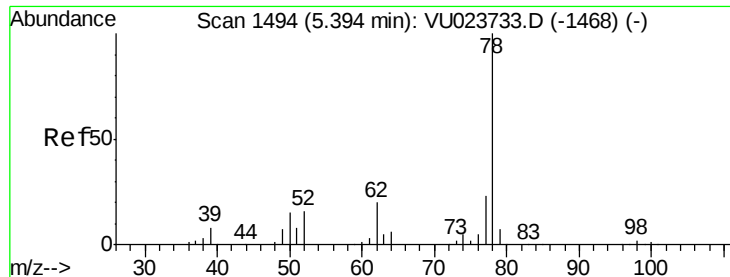
						Qvalue
33) Benzene	5.39	78	319240	29.44	ug/L	100
35) Methylcyclohexane	6.34	83	36922	8.66	ug/L	# 17
37) 1,2-Dichloropropane	6.34	63	17349	5.64	ug/L	# 89
42) Toluene	7.64	91	81547	7.20	ug/L	97
52) Ethylbenzene	9.26	91	18287	1.47	ug/L	97
53) m,p-Xylene	9.38	106	13511	2.85	ug/L	96
54) o-xylene	9.78	106	7407	1.60	ug/L	96
59) 1,2,3-Trichloropropane	11.49	75	19527	5.26	ug/L	95
69) Naphthalene	13.75	128	1658443	142.33	ug/L	100

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

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#33

Benzene

Concen: 29.44 ug/L

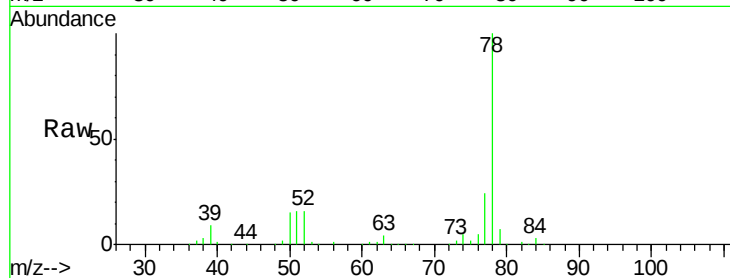
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

Lab File: VU023743.D

Acq: 08 May 2018 17:51

Tgt Ion: 78 Resp: 319240



Abundance Ion 78.00 (77.70 to 78.70): VU0

150000

100000

50000

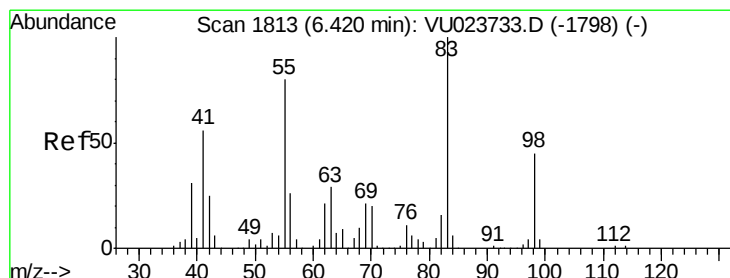
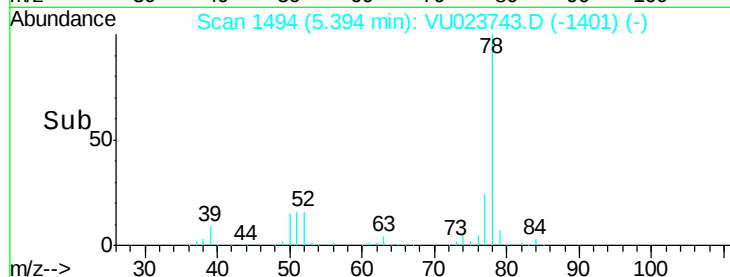
0

5.30

5.40

5.50

Time-->



#35

Methylcyclohexane

Concen: 8.66 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU023743.D

Acq: 08 May 2018 17:51

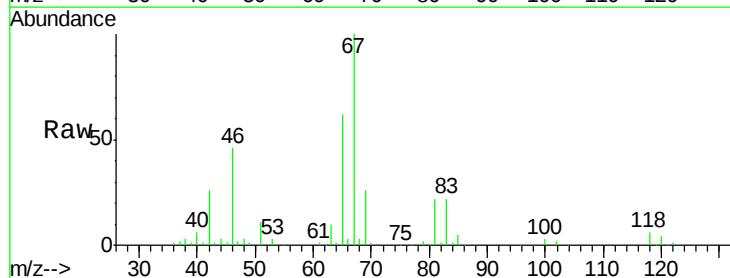
Tgt Ion: 83 Resp: 36922

Ion Ratio Lower Upper

83 100

55 0.3 64.8 97.2#

98 0.8 36.7 55.1#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

25000

20000

15000

10000

5000

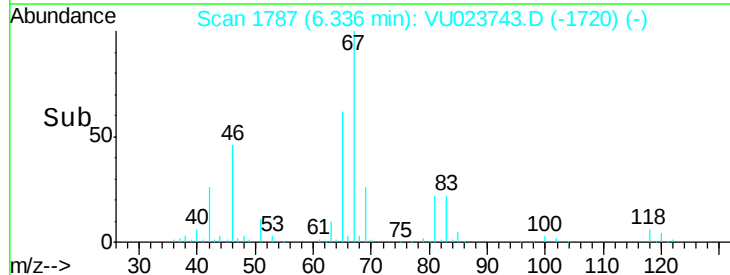
0

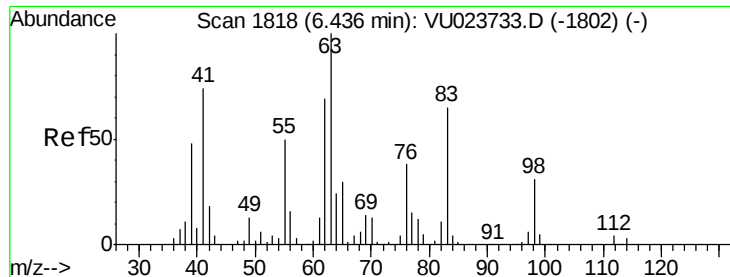
6.30

6.35

6.40

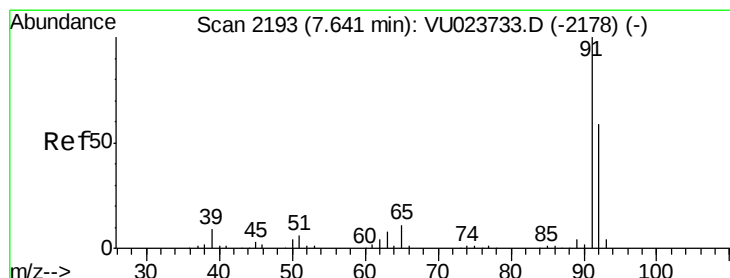
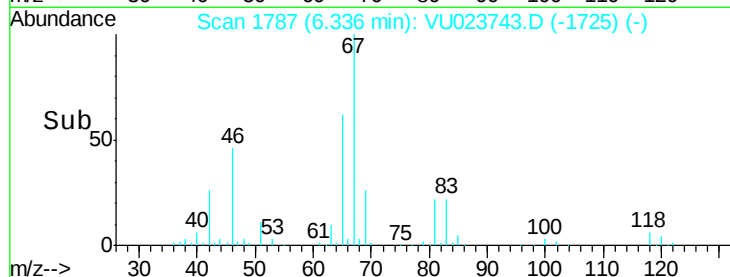
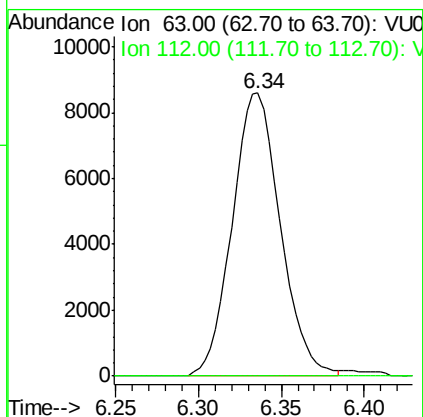
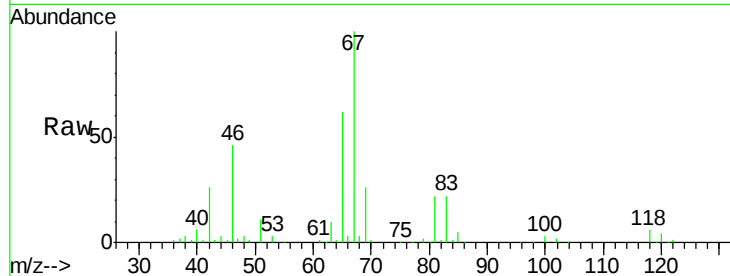
Time-->





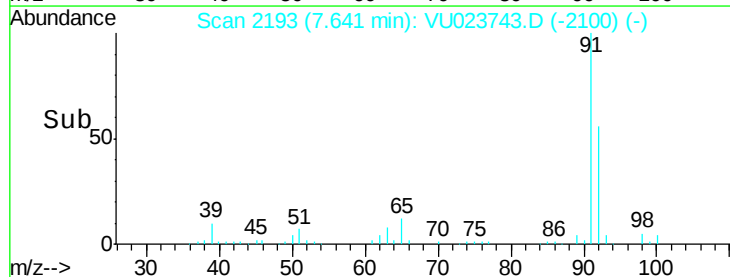
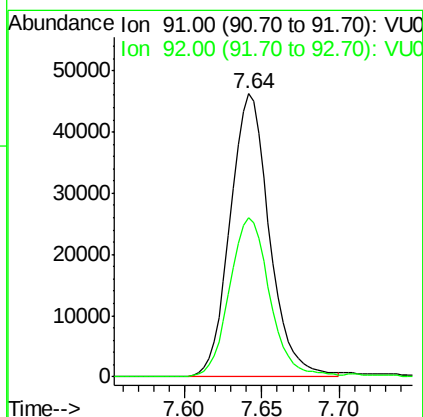
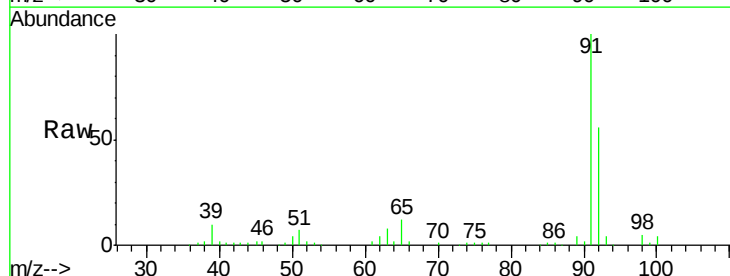
#37
 1,2-Dichloropropane
 Concen: 5.64 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023743.D
 Acq: 08 May 2018 17:51

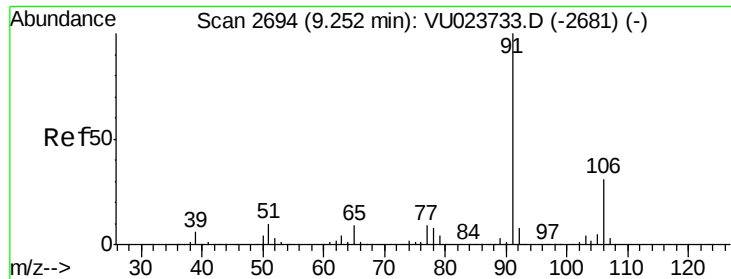
Tgt Ion: 63 Resp: 17349
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#42
 Toluene
 Concen: 7.20 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. -0.00 min
 Lab File: VU023743.D
 Acq: 08 May 2018 17:51

Tgt Ion: 91 Resp: 81547
 Ion Ratio Lower Upper
 91 100
 92 56.4 40.9 76.0





#52

Ethylbenzene

Concen: 1.47 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023743.D

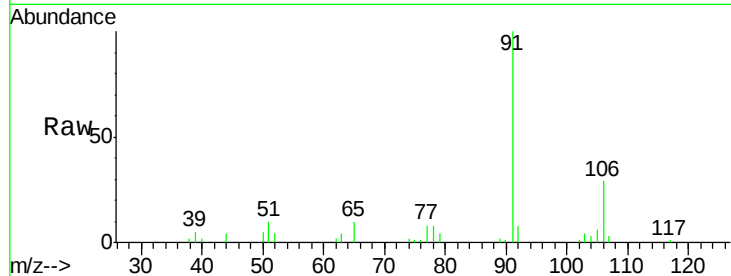
Acq: 08 May 2018 17:51

Tgt Ion: 91 Resp: 18287

Ion Ratio Lower Upper

91 100

106 29.2 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU023743.D (-2694) (-)

Ion 106.00 (105.70 to 106.70): VU023743.D (-2694) (-)

12000

10000

8000

6000

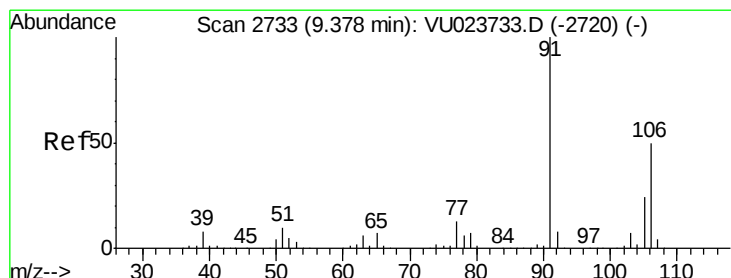
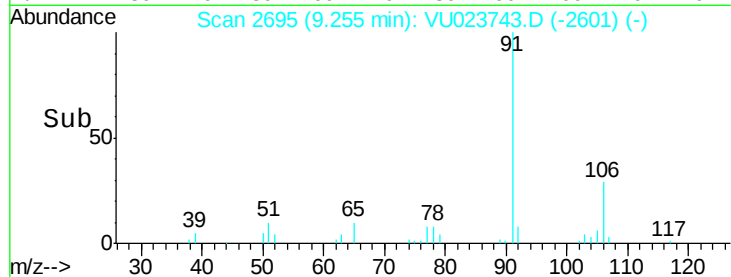
4000

2000

0

9.20 9.25 9.30 9.35

Time-->



#53

m,p-Xylene

Concen: 2.85 ug/L

RT: 9.38 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VU023743.D

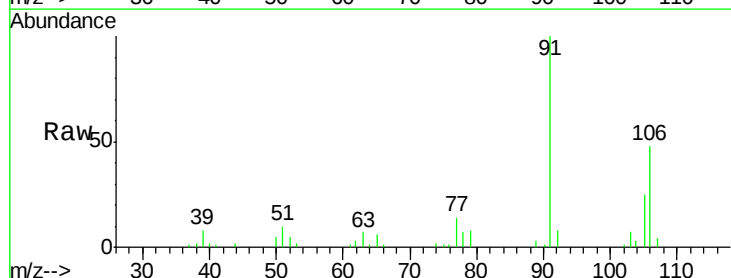
Acq: 08 May 2018 17:51

Tgt Ion: 106 Resp: 13511

Ion Ratio Lower Upper

106 100

91 209.0 142.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): VU023743.D (-2733) (-)

Ion 91.00 (90.70 to 91.70): VU023743.D (-2733) (-)

15000

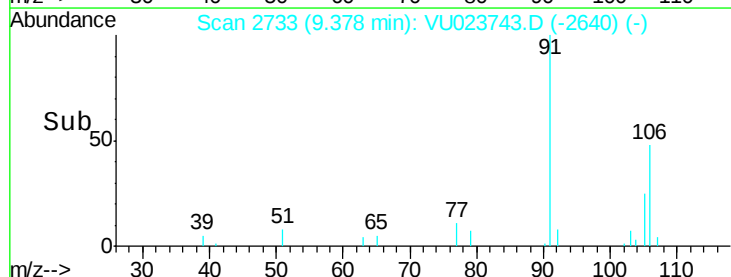
10000

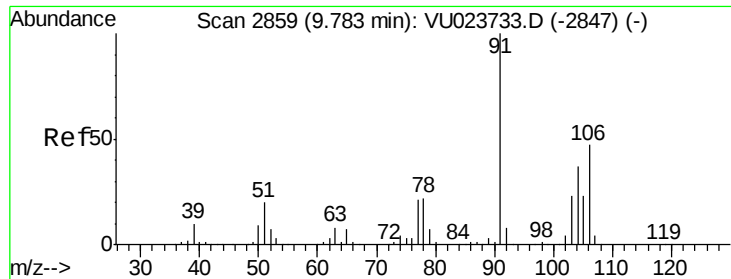
5000

0

9.35 9.40 9.45

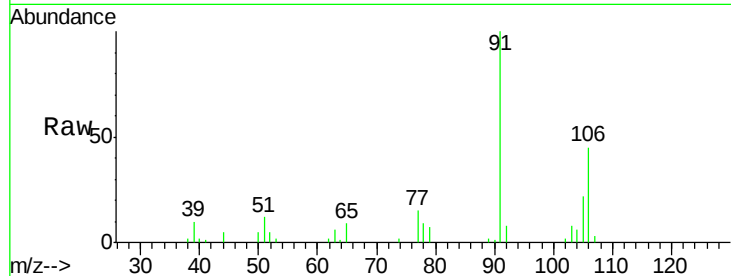
Time-->



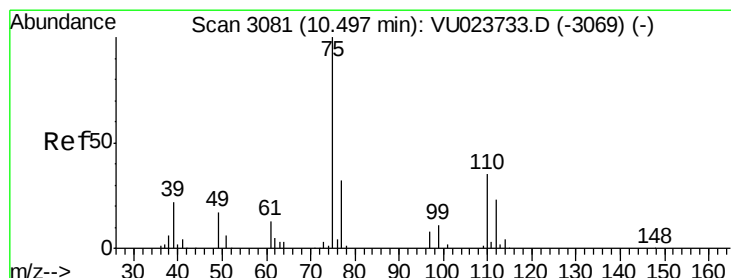
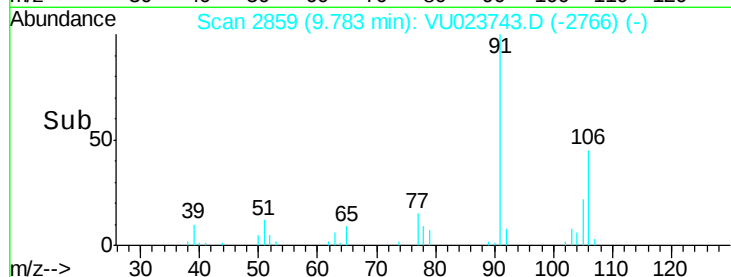
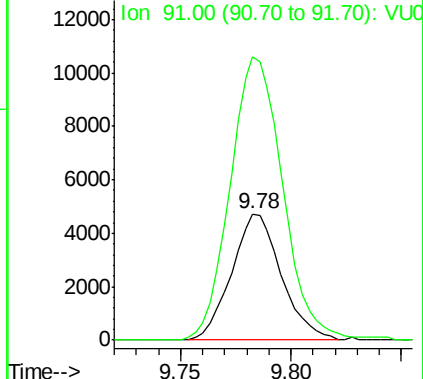


#54
o-xylene
Concen: 1.60 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023743.D
Acq: 08 May 2018 17:51

Tgt Ion: 106 Resp: 7407
Ion Ratio Lower Upper
106 100
91 224.5 152.6 283.4

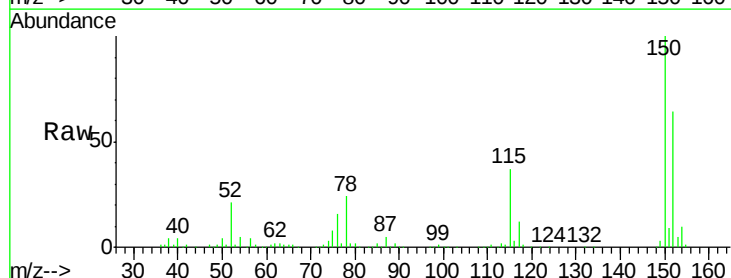


Abundance Ion 106.00 (105.70 to 106.70): VU023743.D (-2847) (-)
Ion 91.00 (90.70 to 91.70): VU023743.D (-2847) (-)

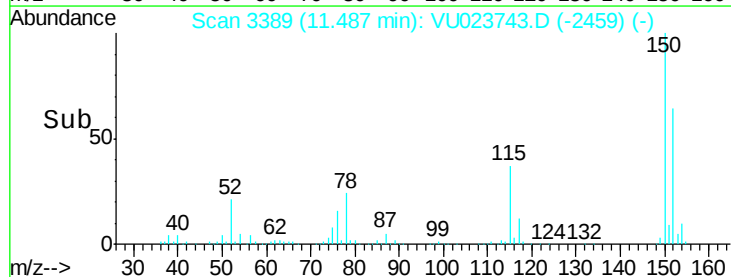
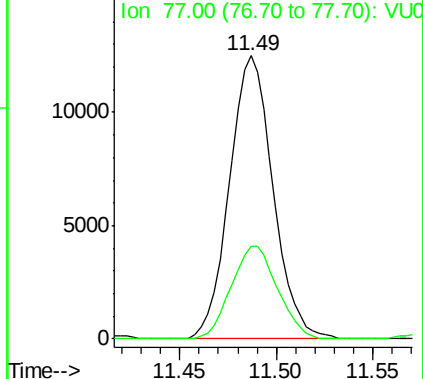


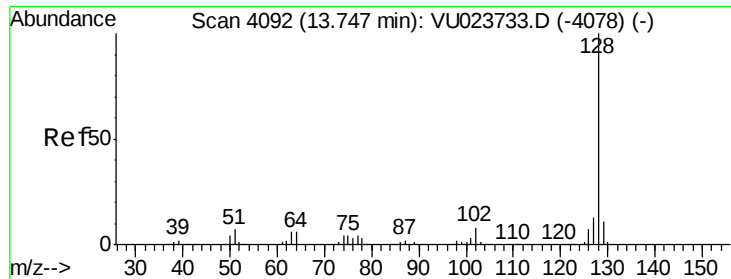
#59
1,2,3-Trichloropropane
Concen: 5.26 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU023743.D
Acq: 08 May 2018 17:51

Tgt Ion: 75 Resp: 19527
Ion Ratio Lower Upper
75 100
77 34.9 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU023743.D (-3069) (-)
Ion 77.00 (76.70 to 77.70): VU023743.D (-3069) (-)





#69

Naphthalene

Concen: 142.33 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU023743.D

Acq: 08 May 2018 17:51

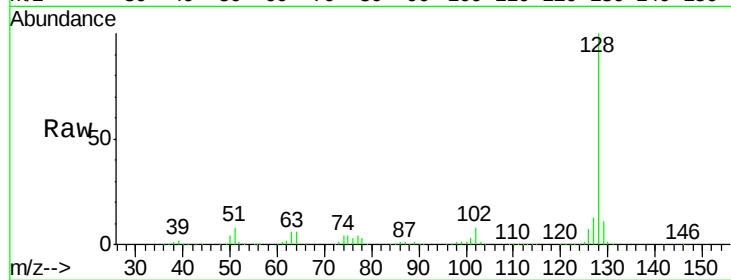
Tgt Ion:128 Resp: 1658443

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

