

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050718\
 Data File : VU023722.D
 Acq On : 07 May 2018 19:02
 Operator : MD/SY
 Sample : J2725-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: May 08 04:50:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM050118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 08 04:32:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	368815	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	349821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	179854	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	92634	35.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.88%
7) Chloroethane-d5	1.68	69	79360	39.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.66%
11) 1,1-Dichloroethene-d2	2.27	63	144775	28.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.82%#
21) 2-Butanone-d5	4.18	46	204782	113.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.39%
24) Chloroform-d	4.65	84	195896	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	129664	43.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.26%
32) Benzene-d6	5.35	84	406890	43.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.70%
36) 1,2-Dichloropropane-d6	6.34	67	140486	44.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.38%
41) Toluene-d8	7.57	98	365997	42.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.85	79	55675	41.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.28%
47) 2-Hexanone-d5	8.31	63	152850	128.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	128.03%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	196211	48.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.50%
64) 1,2-Dichlorobenzene-d4	11.86	152	159988	45.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.20%

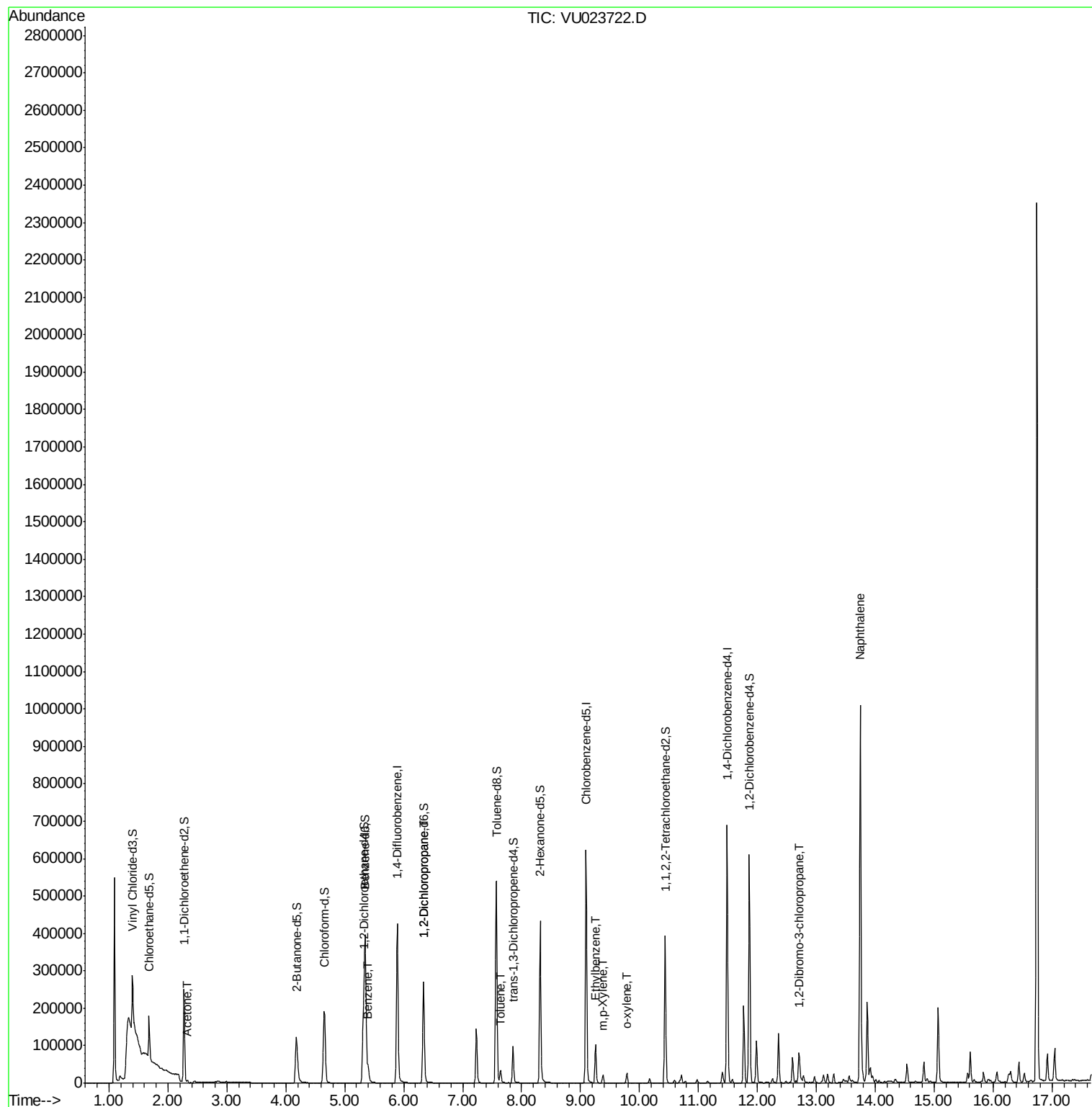
Target Compounds

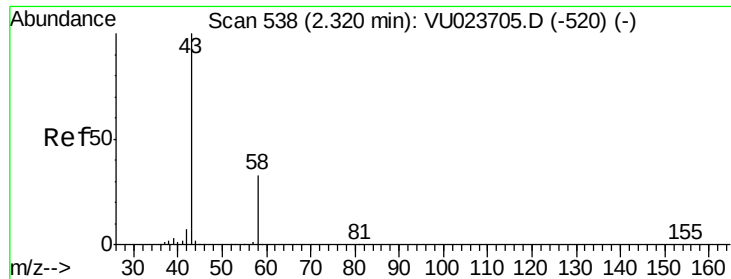
						Qvalue
13) Acetone	2.32	43	3481	1.30	ug/L	98
33) Benzene	5.39	78	42936	3.48	ug/L	100
37) 1,2-Dichloropropane	6.34	63	13985	3.96	ug/L #	88
42) Toluene	7.64	91	24431	1.91	ug/L	98
52) Ethylbenzene	9.26	91	74308	5.37	ug/L	99
53) m,p-Xylene	9.38	106	6512	1.23	ug/L	92
54) o-xylene	9.79	106	6960	1.39	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.71	75	1724	1.79	ug/L #	1
69) Naphthalene	13.75	128	766272	63.29	ug/L	100

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

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#13

Acetone

Concen: 1.30 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU023722.D

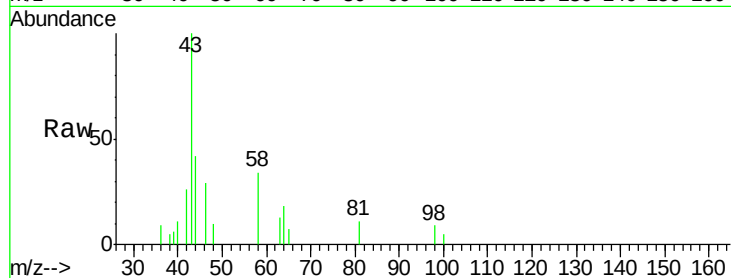
Acq: 07 May 2018 19:02

Tgt Ion: 43 Resp: 3481

Ion Ratio Lower Upper

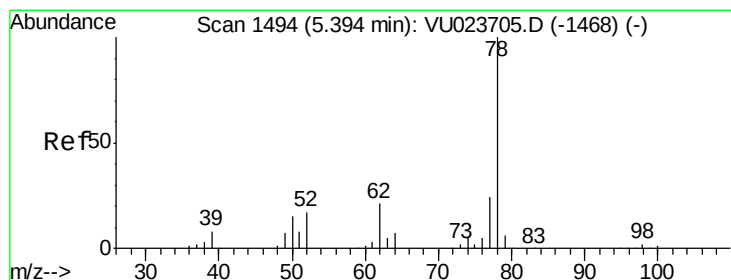
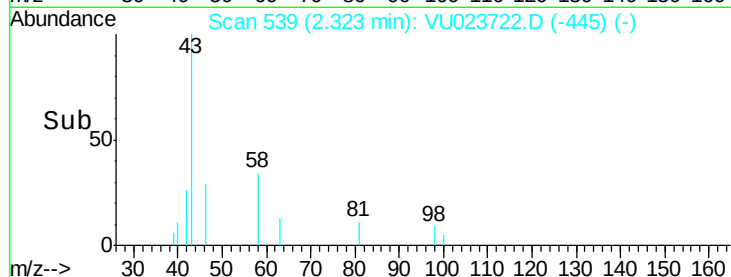
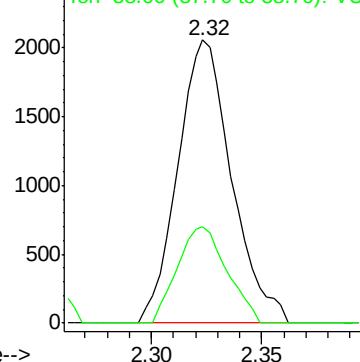
43 100

58 31.4 0.0 64.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#33

Benzene

Concen: 3.48 ug/L

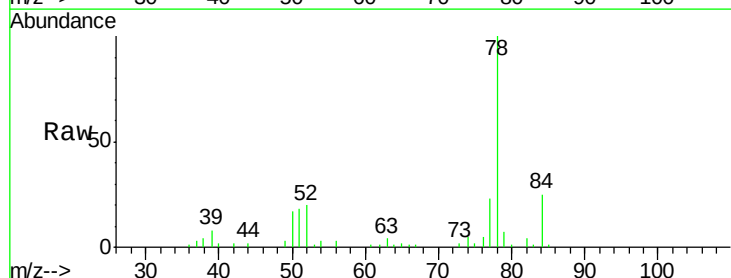
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

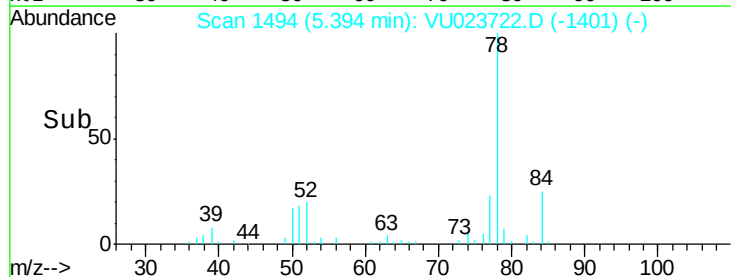
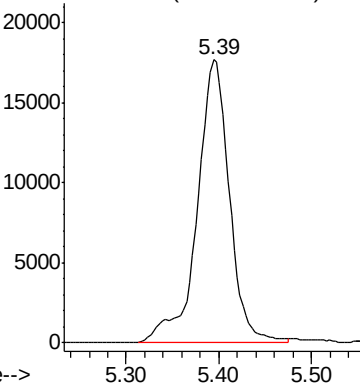
Lab File: VU023722.D

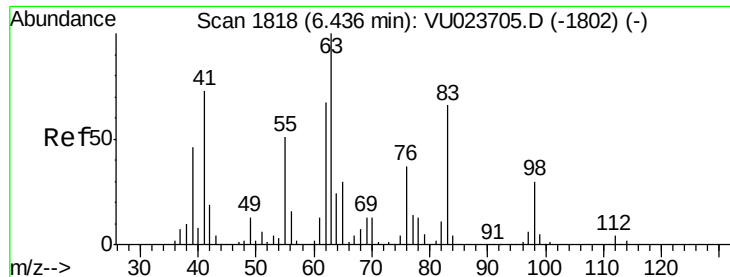
Acq: 07 May 2018 19:02

Tgt Ion: 78 Resp: 42936



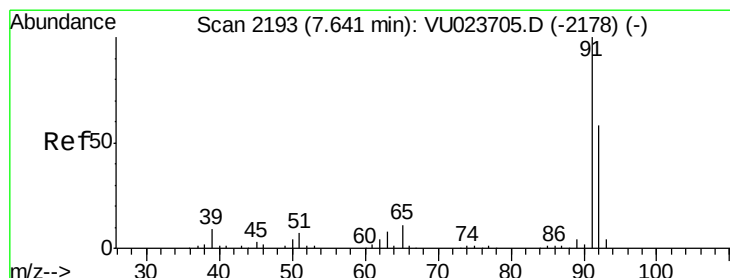
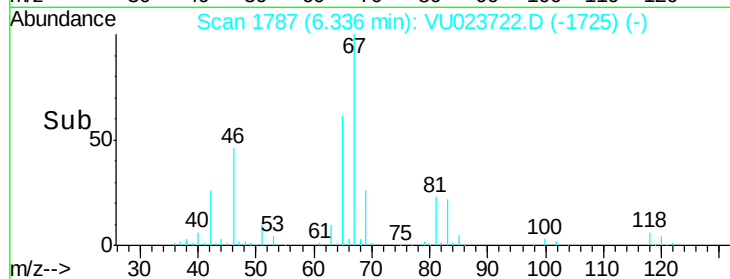
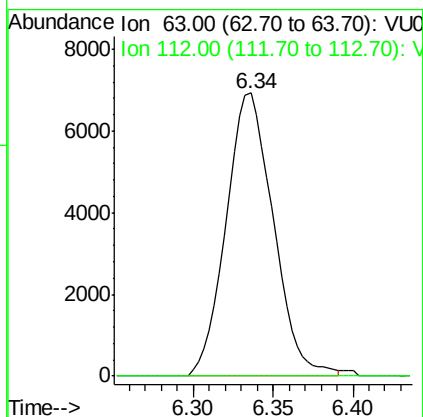
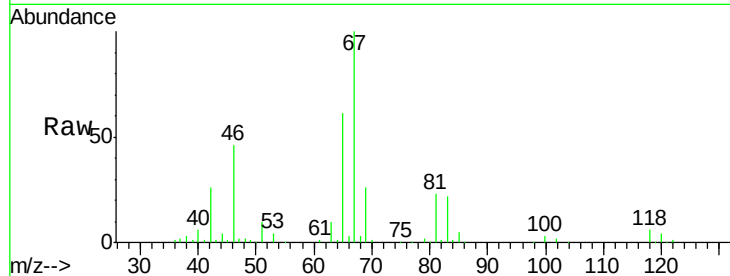
Abundance Ion 78.00 (77.70 to 78.70): VU0





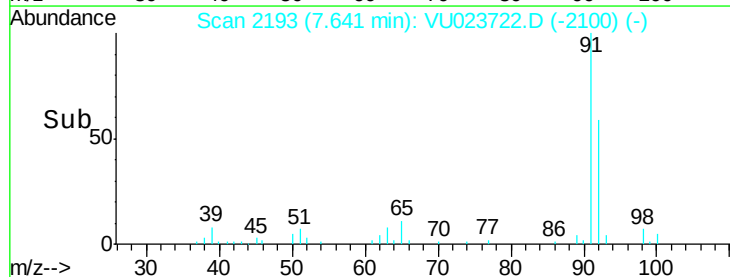
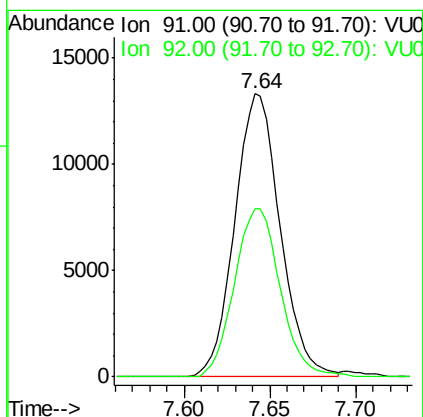
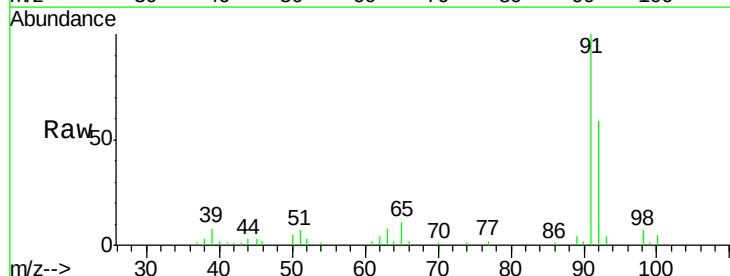
#37
 1,2-Dichloropropane
 Concen: 3.96 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU023722.D
 Acq: 07 May 2018 19:02

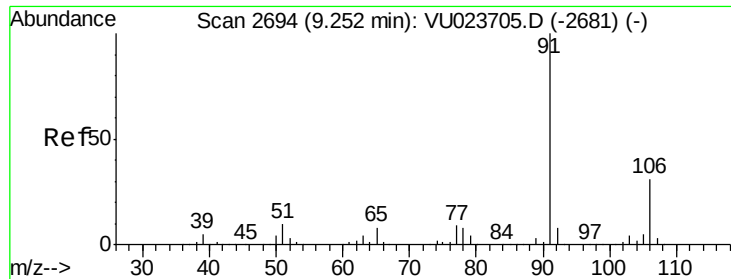
Tgt Ion: 63 Resp: 13985
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 1.91 ug/L
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU023722.D
 Acq: 07 May 2018 19:02

Tgt Ion: 91 Resp: 24431
 Ion Ratio Lower Upper
 91 100
 92 59.3 40.3 74.9





#52

Ethylbenzene

Concen: 5.37 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023722.D

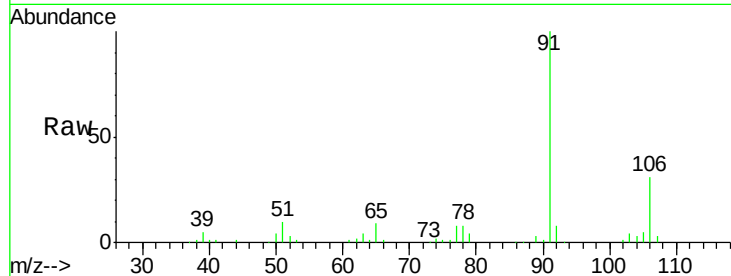
Acq: 07 May 2018 19:02

Tgt Ion: 91 Resp: 74308

Ion Ratio Lower Upper

91 100

106 31.5 21.6 40.0

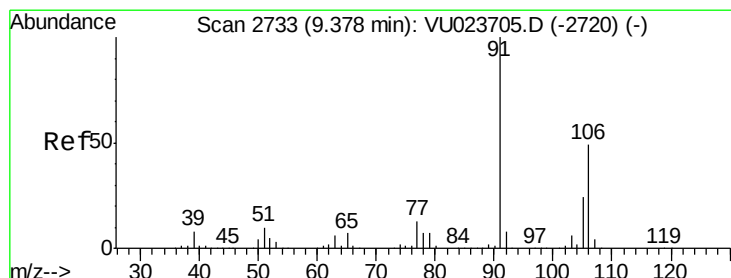
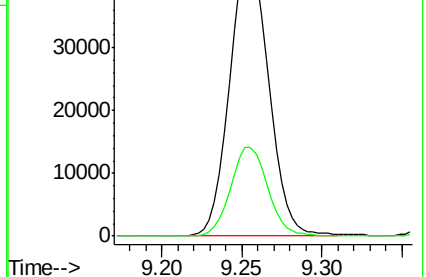
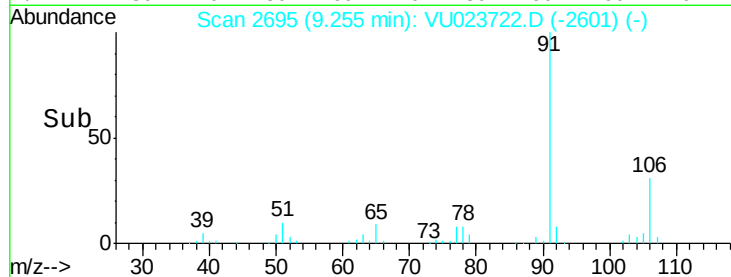


Abundance Ion 91.00 (90.70 to 91.70): VU023705.D (-2681) (-)

Ion 106.00 (105.70 to 106.70): VU023705.D (-2681) (-)

9.26

Time-->



#53

m,p-Xylene

Concen: 1.23 ug/L

RT: 9.38 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VU023722.D

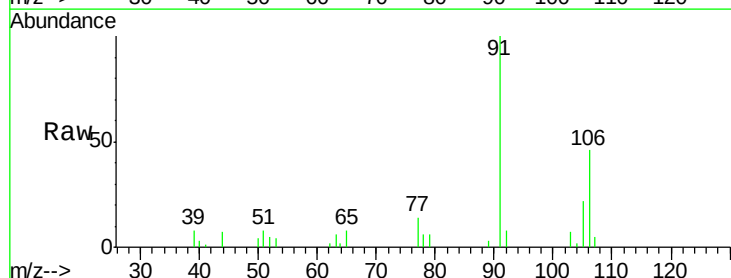
Acq: 07 May 2018 19:02

Tgt Ion: 106 Resp: 6512

Ion Ratio Lower Upper

106 100

91 218.9 144.1 267.5

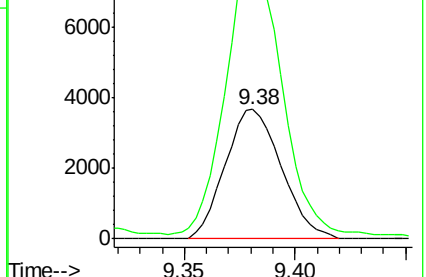
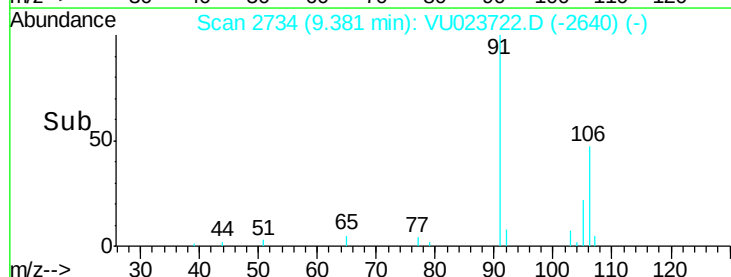


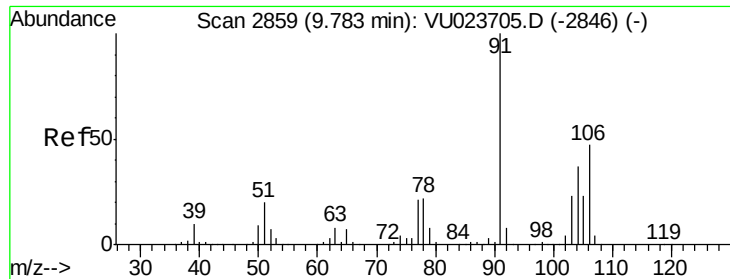
Abundance Ion 106.00 (105.70 to 106.70): VU023705.D (-2720) (-)

Ion 91.00 (90.70 to 91.70): VU023705.D (-2720) (-)

9.38

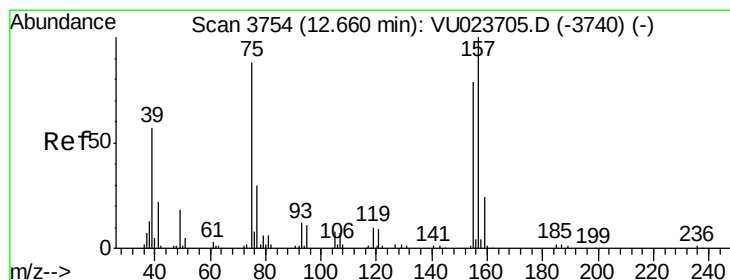
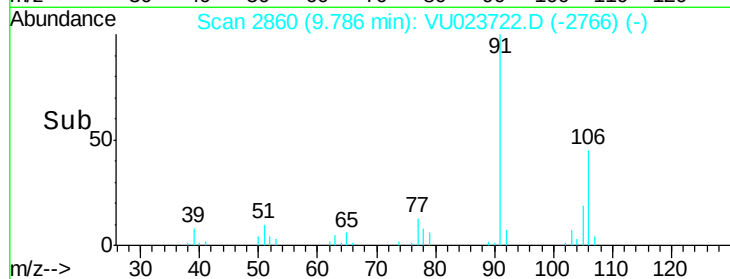
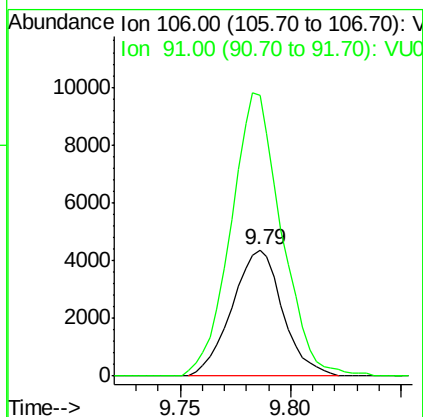
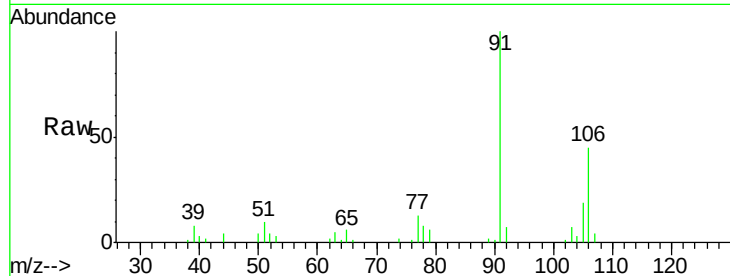
Time-->





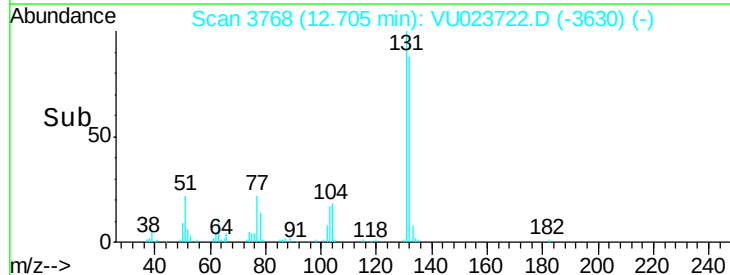
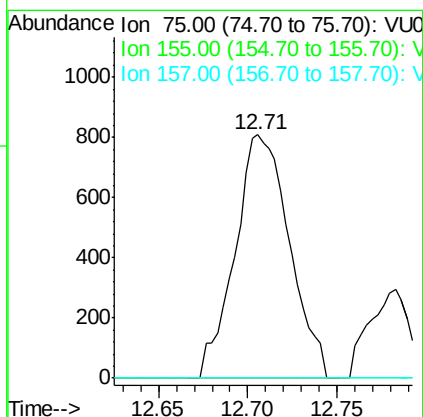
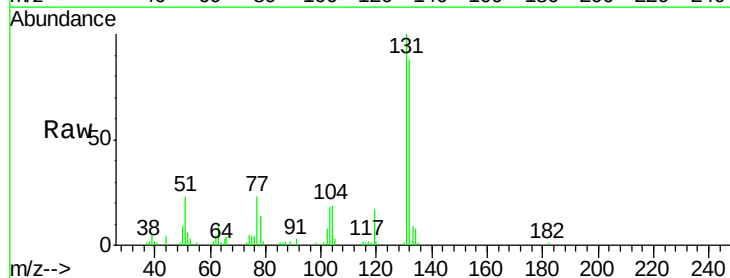
#54
o-xylene
Concen: 1.39 ug/L
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU023722.D
Acq: 07 May 2018 19:02

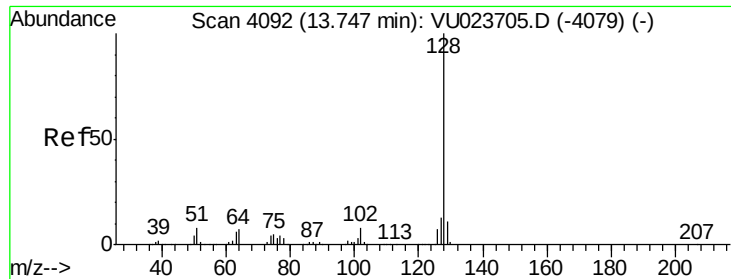
Tgt Ion: 106 Resp: 6960
Ion Ratio Lower Upper
106 100
91 222.1 148.9 276.5



#66
1,2-Dibromo-3-chloropropane
Concen: 1.79 ug/L
RT: 12.71 min Scan# 3768
Delta R.T. 0.05 min
Lab File: VU023722.D
Acq: 07 May 2018 19:02

Tgt Ion: 75 Resp: 1724
Ion Ratio Lower Upper
75 100
155 0.0 68.9 103.3#
157 0.0 89.9 134.9#





#69

Naphthalene

Concen: 63.29 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU023722.D

Acq: 07 May 2018 19:02

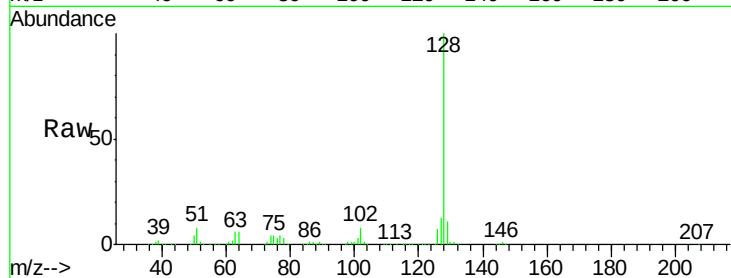
Tgt Ion:128 Resp: 766272

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.0 8.6 13.0



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

