

Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU050818\
 Data File : VU023742.D
 Acq On : 08 May 2018 17:24
 Operator : MD/SY
 Sample : J2725-13 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: May 09 03:40:01 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	266882	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	259322	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	138740	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164387	78.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	157.50%#
7) Chloroethane-d5	1.68	69	127989	82.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	164.20%#
11) 1,1-Dichloroethene-d2	2.27	63	237217	61.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	122.64%
21) 2-Butanone-d5	4.18	46	276833	180.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	180.20%#
24) Chloroform-d	4.65	84	285473	82.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	164.48%#
26) 1,2-Dichloroethane-d4	5.31	65	189597	84.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	168.84%#
32) Benzene-d6	5.35	84	619795	83.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	166.86%#
36) 1,2-Dichloropropane-d6	6.34	67	204433	84.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	168.26%#
41) Toluene-d8	7.57	98	560886	81.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	162.72%#
43) trans-1,3-Dichloropropene-	7.85	79	85344	81.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	162.36%#
47) 2-Hexanone-d5	8.31	63	201382	185.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	185.51%#
57) 1,1,2,2-Tetrachloroethane-	10.44	84	272483	82.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	165.54%#
64) 1,2-Dichlorobenzene-d4	11.86	152	237619	82.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	165.38%#

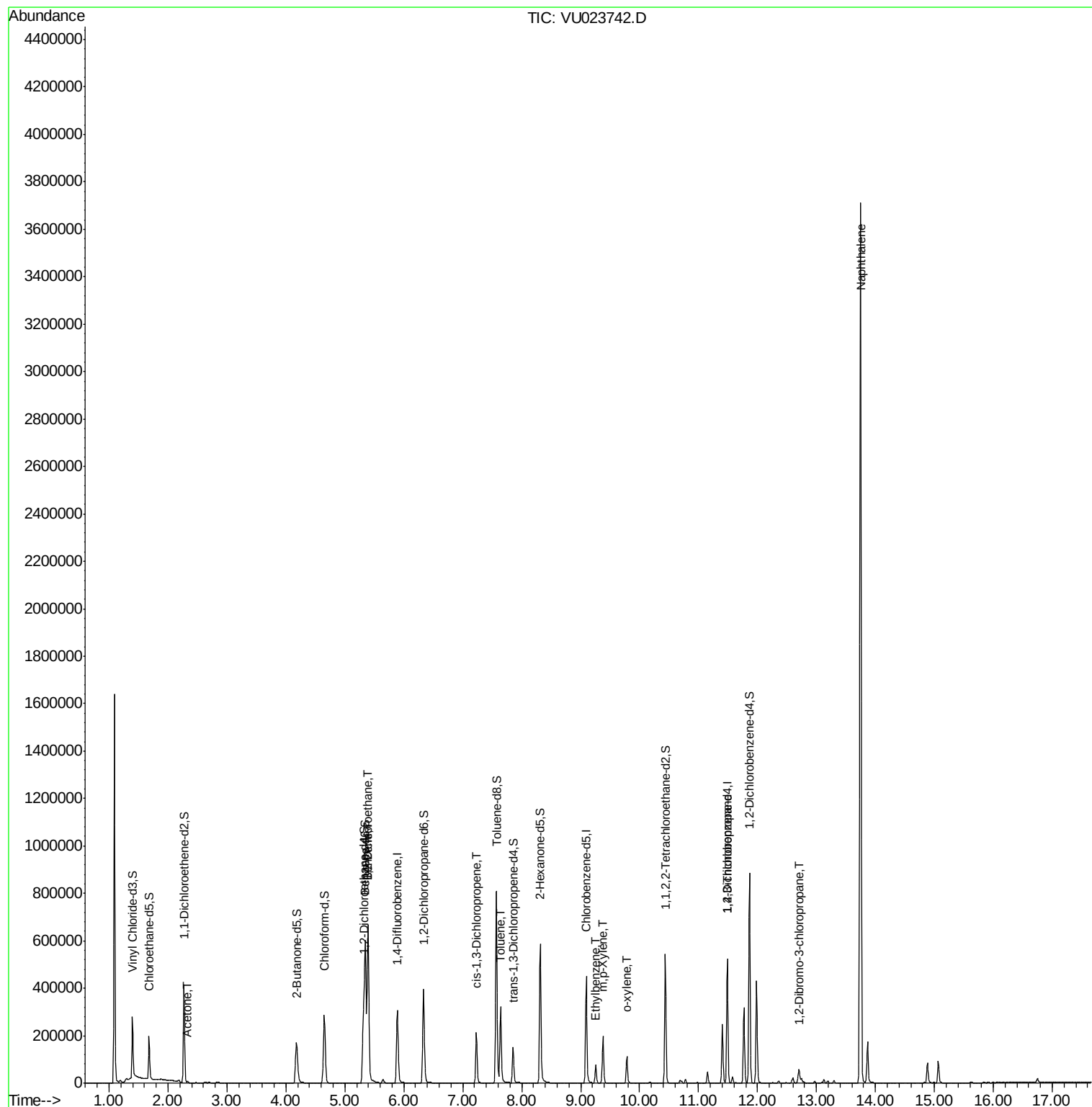
Target Compounds

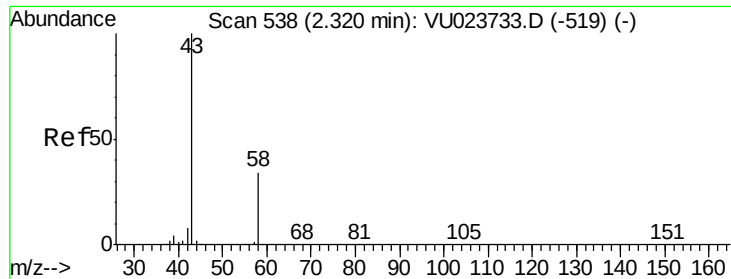
						Qvalue
13) Acetone	2.33	43	2359	1.39	ug/L	98
27) 1,2-Dichloroethane	5.39	62	6390	2.11	ug/L #	73
33) Benzene	5.39	78	658815	75.39	ug/L	100
39) cis-1,3-Dichloropropene	7.23	75	4838	1.39	ug/L #	73
42) Toluene	7.64	91	236563	25.91	ug/L	100
52) Ethylbenzene	9.26	91	55080	5.48	ug/L	98
53) m,p-Xylene	9.38	106	57229	14.98	ug/L	100
54) o-xylene	9.78	106	29740	7.98	ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	16100	5.39	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.70	75	1196	1.51	ug/L #	1
69) Naphthalene	13.75	128	2852530	289.46	ug/L	100

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

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#13

Acetone

Concen: 1.39 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU023742.D

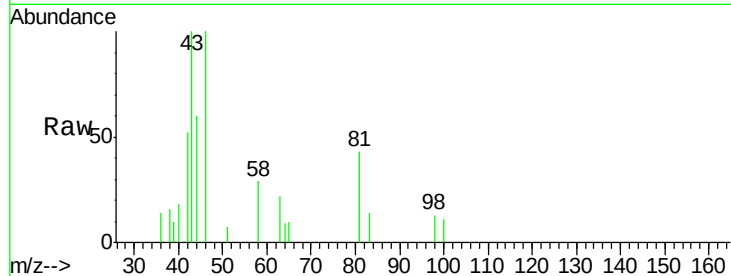
Acq: 08 May 2018 17:24

Tgt Ion: 43 Resp: 2359

Ion Ratio Lower Upper

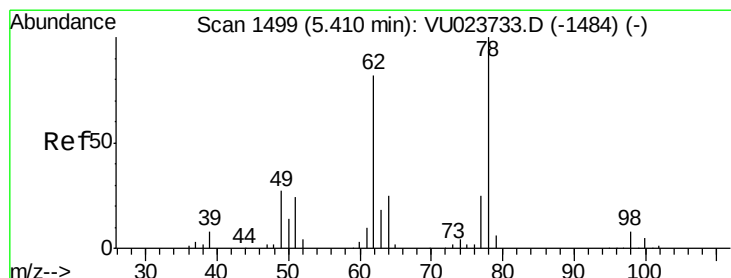
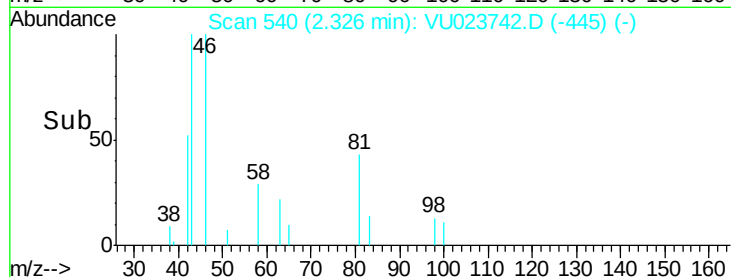
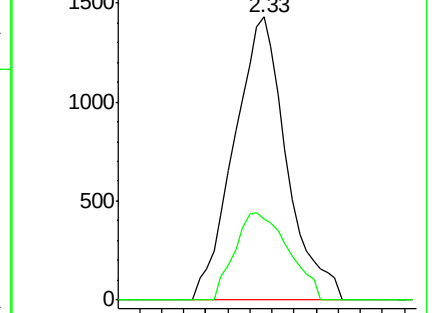
43 100

58 31.5 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#27

1,2-Dichloroethane

Concen: 2.11 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. -0.02 min

Lab File: VU023742.D

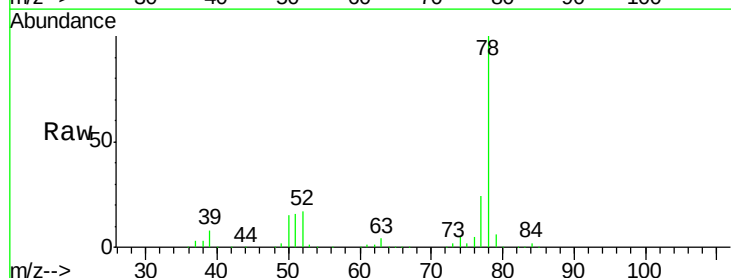
Acq: 08 May 2018 17:24

Tgt Ion: 62 Resp: 6390

Ion Ratio Lower Upper

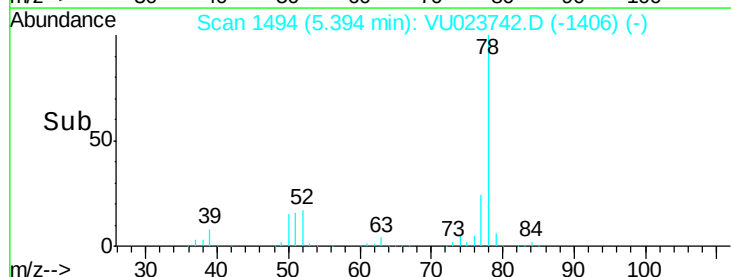
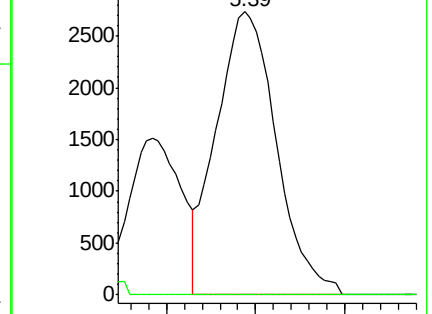
62 100

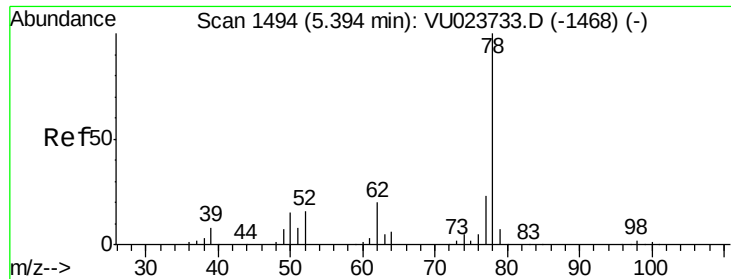
98 0.0 7.8 11.8#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#33

Benzene

Concen: 75.39 ug/L

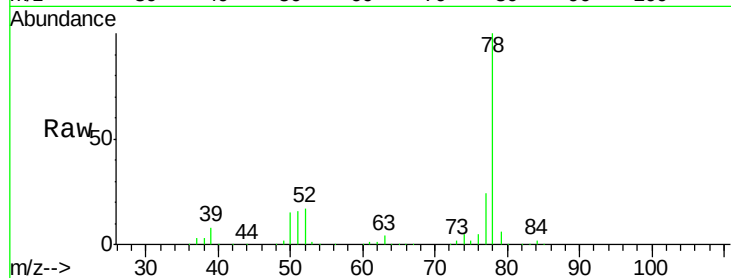
RT: 5.39 min Scan# 1494

Delta R.T. -0.00 min

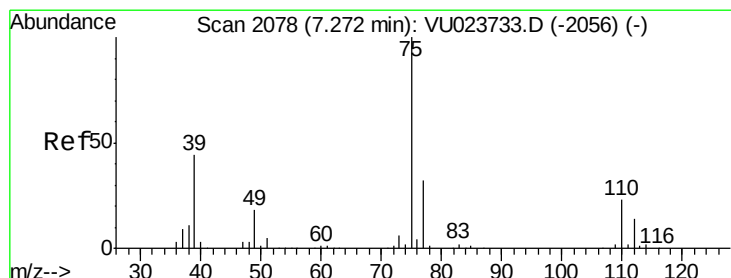
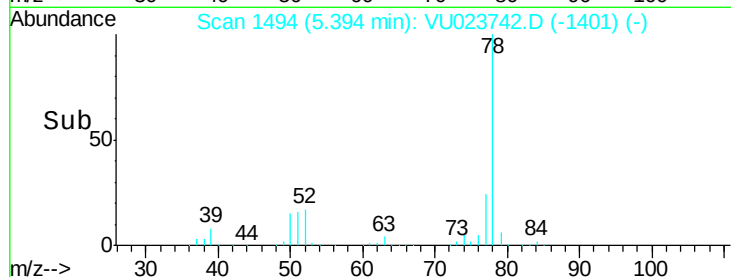
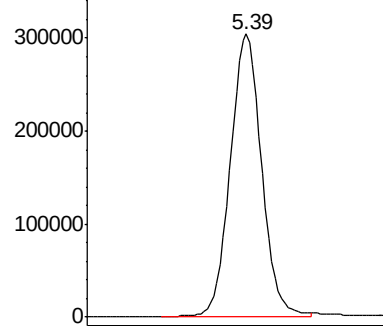
Lab File: VU023742.D

Acq: 08 May 2018 17:24

Tgt Ion: 78 Resp: 658815



Abundance Ion 78.00 (77.70 to 78.70): VU0



#39

cis-1,3-Dichloropropene

Concen: 1.39 ug/L

RT: 7.23 min Scan# 2065

Delta R.T. -0.04 min

Lab File: VU023742.D

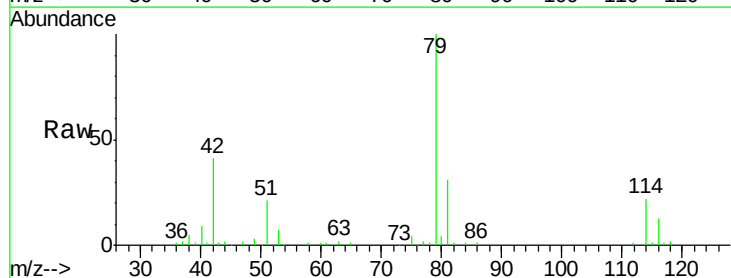
Acq: 08 May 2018 17:24

Tgt Ion: 75 Resp: 4838

Ion Ratio Lower Upper

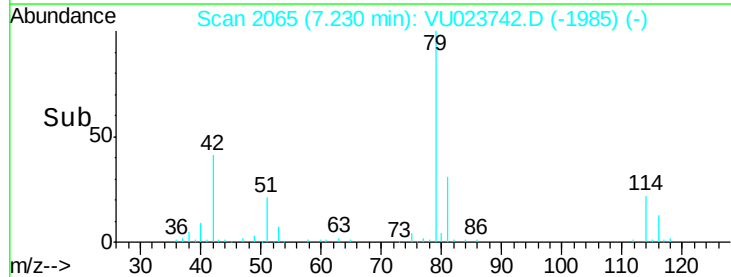
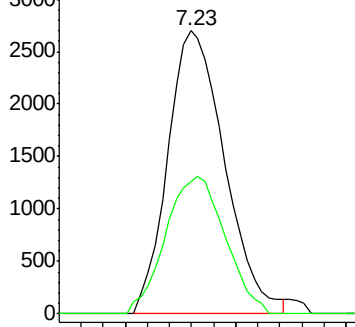
75 100

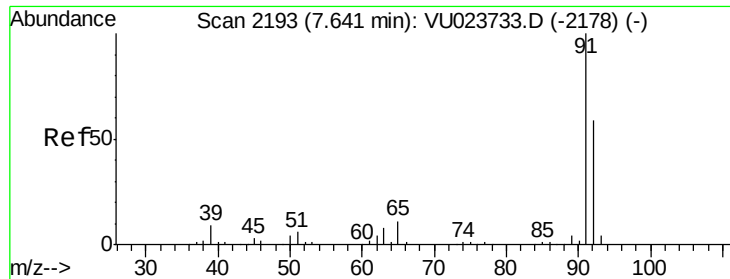
77 46.6 22.2 41.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#42

Toluene

Concen: 25.91 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU023742.D

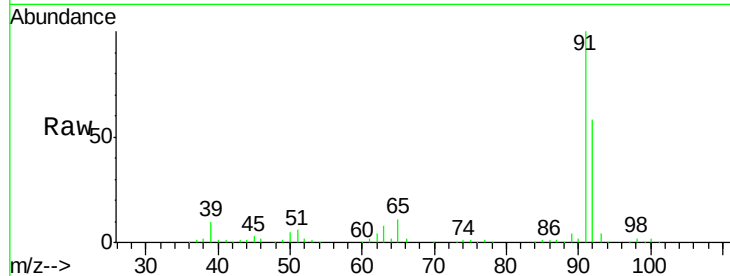
Acq: 08 May 2018 17:24

Tgt Ion: 91 Resp: 236563

Ion Ratio Lower Upper

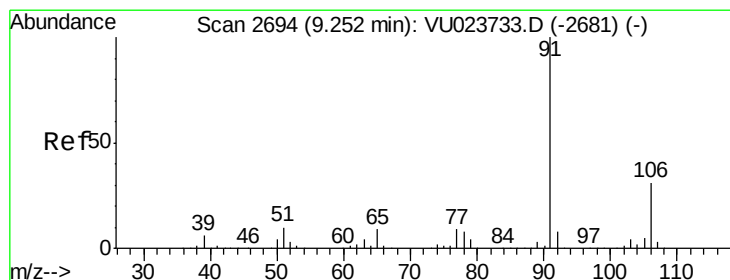
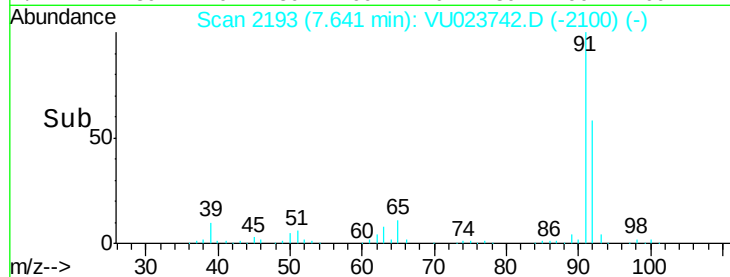
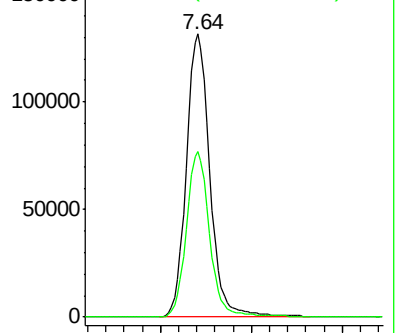
91 100

92 58.4 40.9 76.0



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



#52

Ethylbenzene

Concen: 5.48 ug/L

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU023742.D

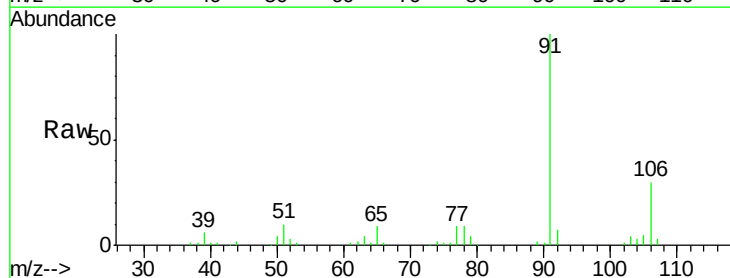
Acq: 08 May 2018 17:24

Tgt Ion: 91 Resp: 55080

Ion Ratio Lower Upper

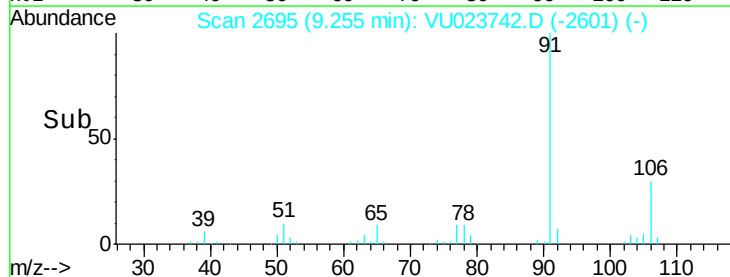
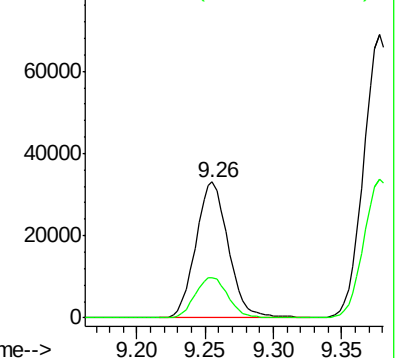
91 100

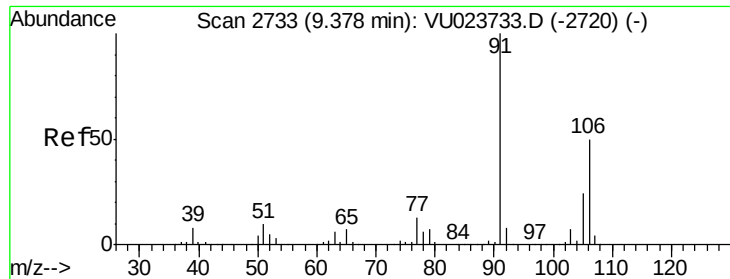
106 30.0 21.8 40.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

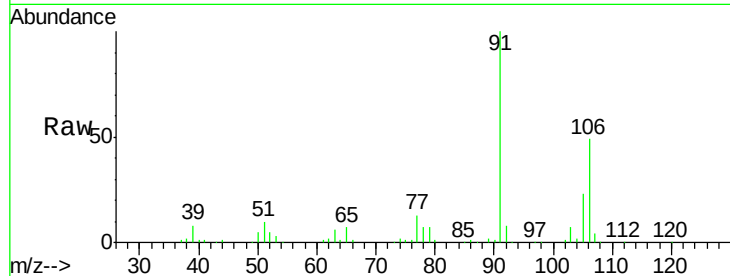
Ion 106.00 (105.70 to 106.70): V



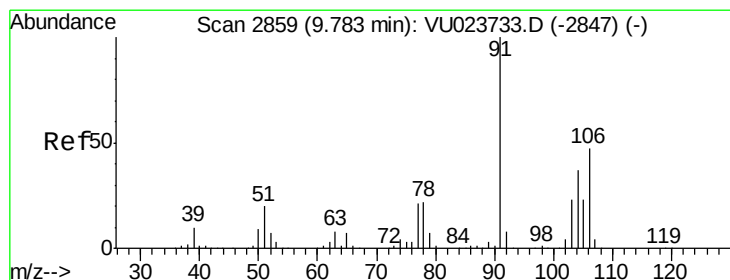
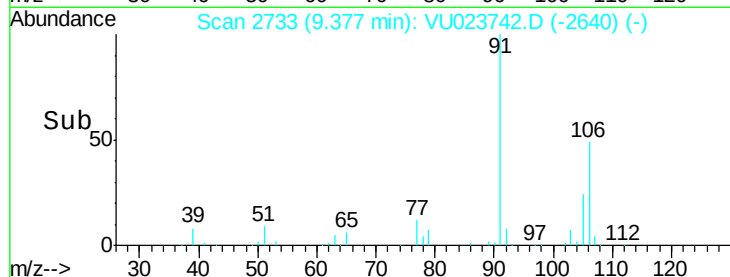
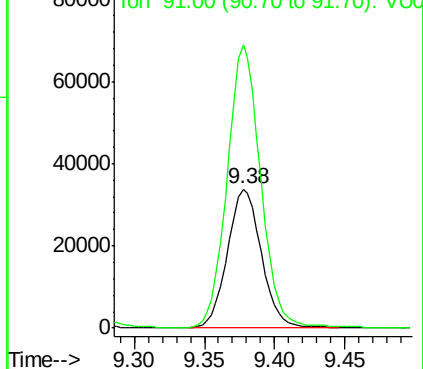


#53
m,p-Xylene
Concen: 14.98 ug/L
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU023742.D
Acq: 08 May 2018 17:24

Tgt Ion:106 Resp: 57229
Ion Ratio Lower Upper
106 100
91 203.5 142.2 264.2

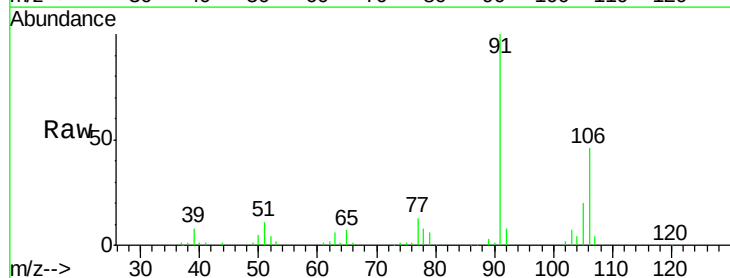


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

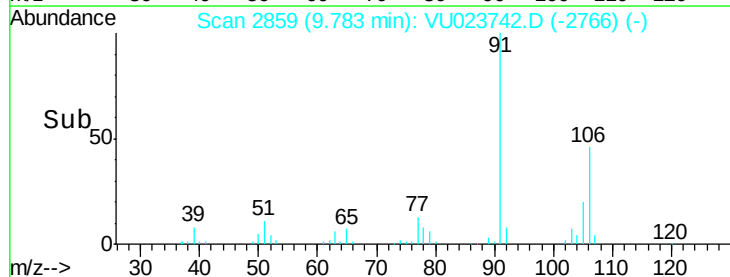
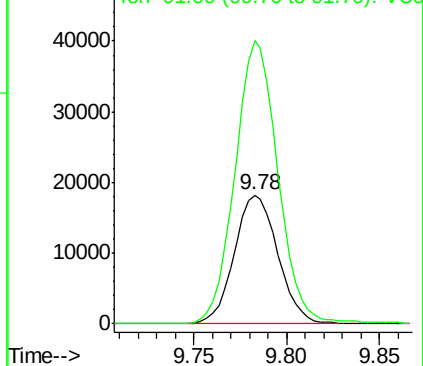


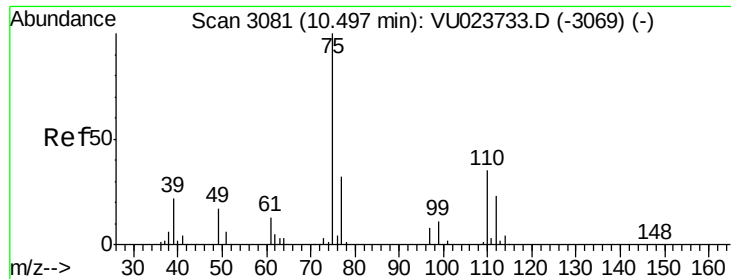
#54
o-xylene
Concen: 7.98 ug/L
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU023742.D
Acq: 08 May 2018 17:24

Tgt Ion:106 Resp: 29740
Ion Ratio Lower Upper
106 100
91 219.7 152.6 283.4



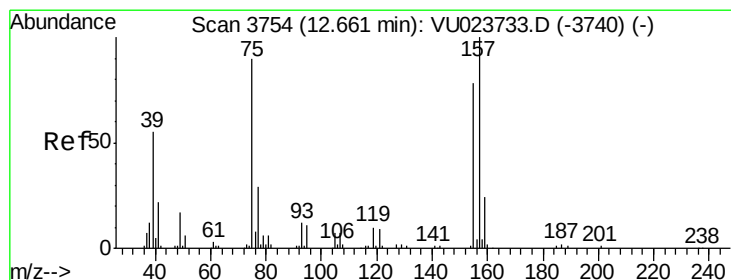
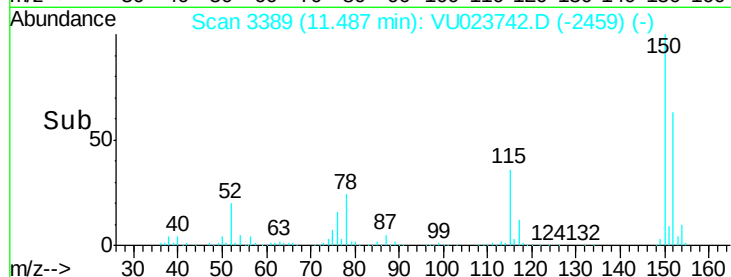
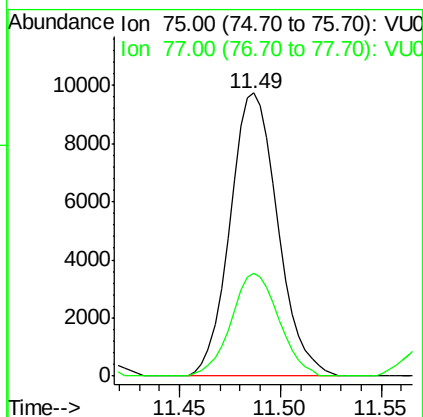
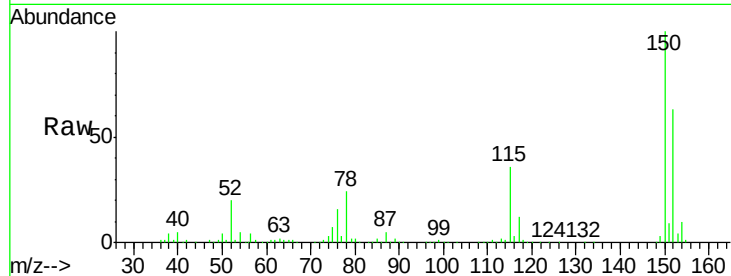
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0





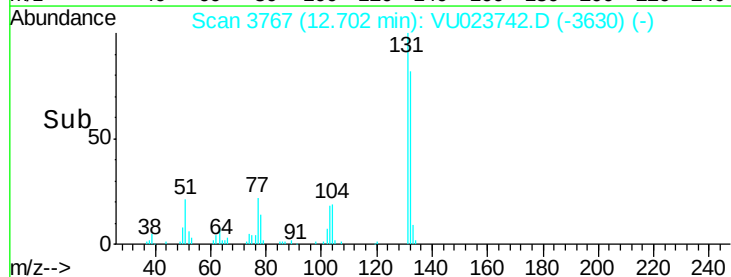
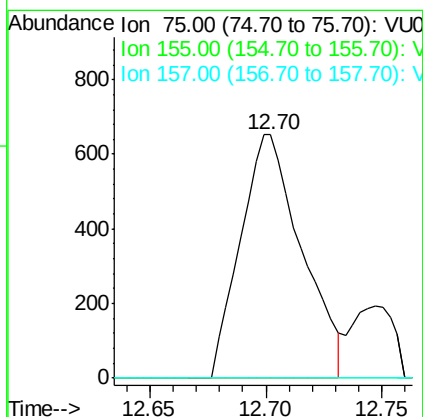
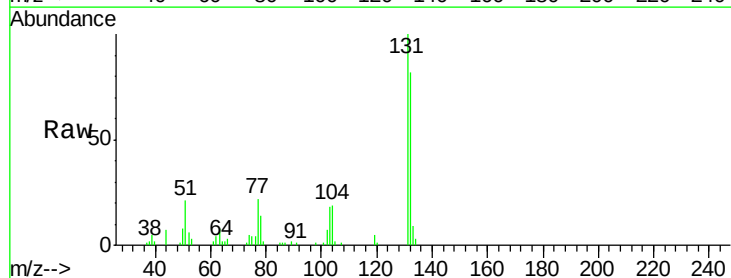
#59
 1,2,3-Trichloropropane
 Concen: 5.39 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU023742.D
 Acq: 08 May 2018 17:24

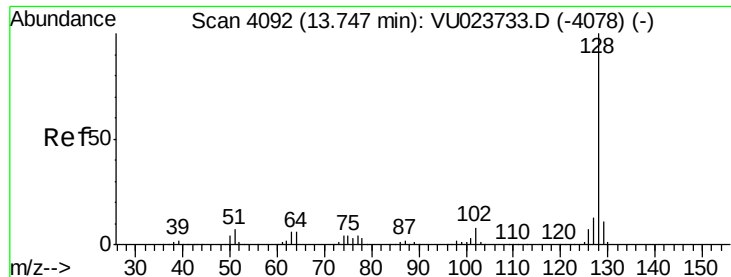
Tgt Ion: 75 Resp: 16100
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.6 38.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.51 ug/L
 RT: 12.70 min Scan# 3767
 Delta R.T. 0.04 min
 Lab File: VU023742.D
 Acq: 08 May 2018 17:24

Tgt Ion: 75 Resp: 1196
 Ion Ratio Lower Upper
 75 100
 155 0.0 71.7 107.5#
 157 0.0 90.6 136.0#





#69

Naphthalene

Concen: 289.46 ug/L

RT: 13.75 min Scan# 4092

Delta R.T. -0.00 min

Lab File: VU023742.D

Acq: 08 May 2018 17:24

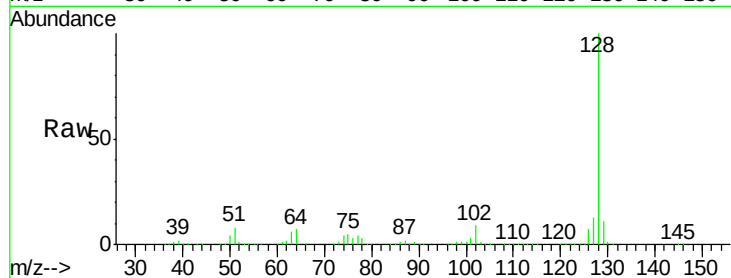
Tgt Ion:128 Resp: 2852530

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
2500000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

