

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026417.D
 Acq On : 28 Aug 2018 23:21
 Operator : MD/SY
 Sample : J4633-05MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3J8MS

Quant Time: Aug 29 02:31:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	58371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	25781	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20309	2.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.20%
7) Chloroethane-d5	1.68	69	18855	3.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.27	63	45886	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.20	46	52742	36.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.36%
24) Chloroform-d	4.65	84	35996	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.32	65	19907	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
32) Benzene-d6	5.34	84	68998	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.40%#
36) 1,2-Dichloropropane-d6	6.33	67	24419	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.00%
41) Toluene-d8	7.57	98	59261	3.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.80%#
43) trans-1,3-Dichloropropene-	7.85	79	7256	2.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.80%
46) 2-Hexanone-d5	8.32	63	38525	35.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	18623	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	23676	3.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.60%#

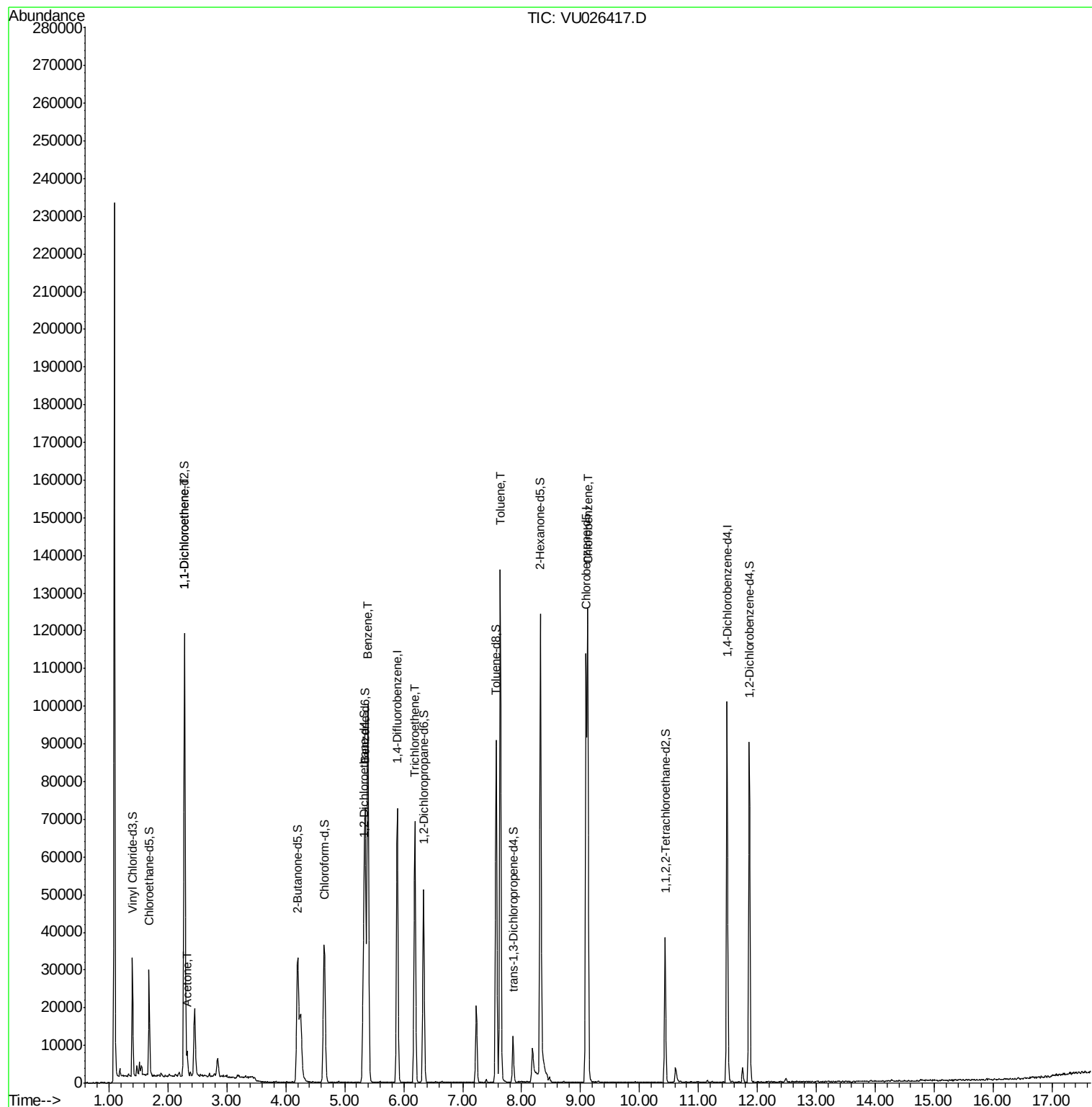
Target Compounds						Ovalue
12) 1,1-Dichloroethene	2.28	96	25534	5.34	ug/L	85
13) Acetone	2.33	43	6311	5.94	ug/L	98
33) Benzene	5.39	78	96225	4.85	ug/L	100
34) Trichloroethene	6.19	95	23553	4.39	ug/L	96
42) Toluene	7.64	91	96336	4.76	ug/L	100
51) Chlorobenzene	9.12	112	63020	4.80	ug/L	99

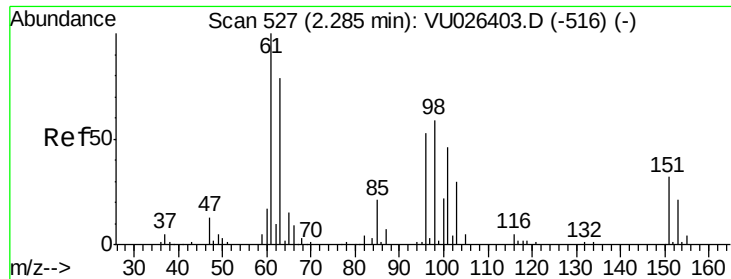
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.34 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

DB3J8MS

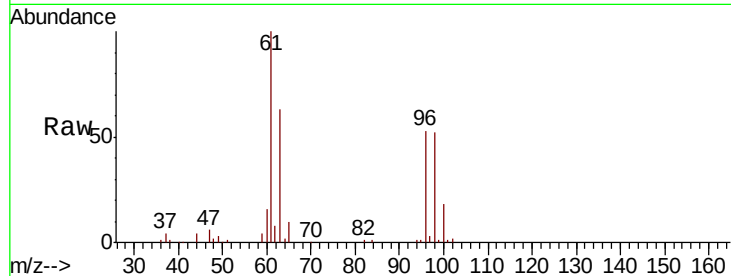
Tot Ion: 96 Resp: 25534

Ion Ratio Lower Upper

96 100

61 188.2 133.5 247.9

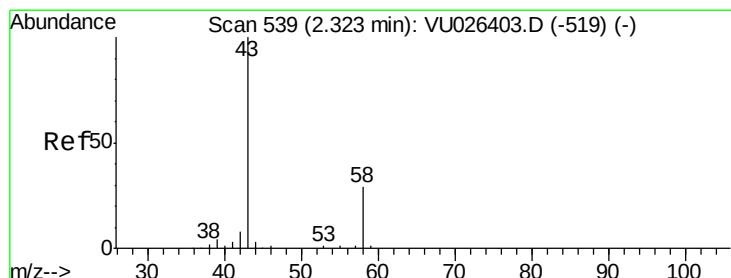
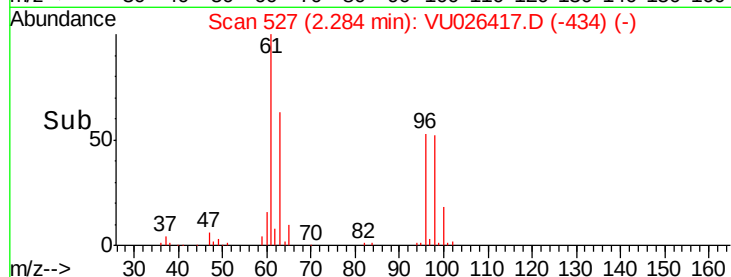
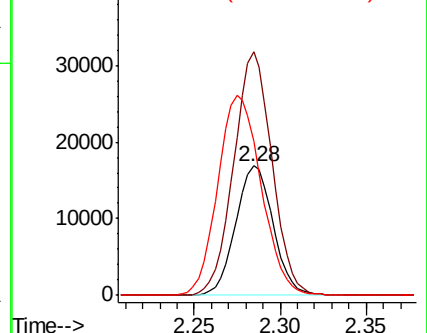
63 119.0 112.3 208.7



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 5.94 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU026417.D

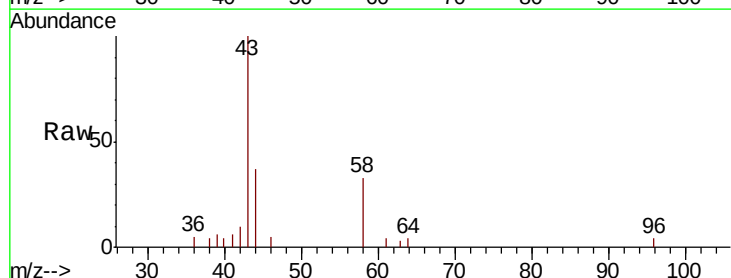
Acq: 28 Aug 2018 23:21

Tgt Ion: 43 Resp: 6311

Ion Ratio Lower Upper

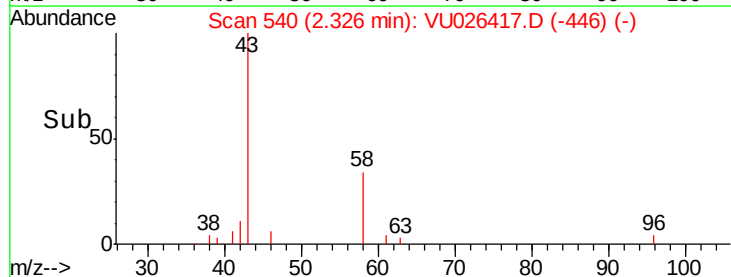
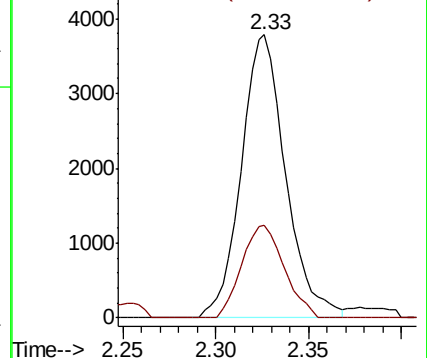
43 100

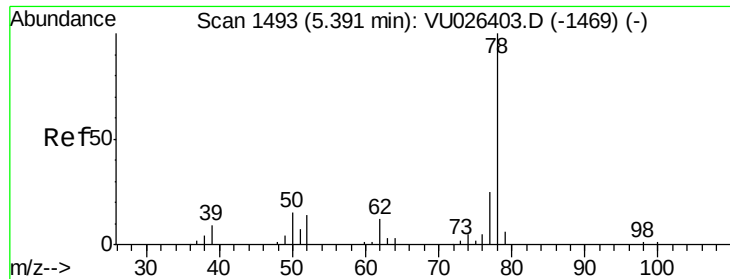
58 31.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#33

Benzene

Concen: 4.85 ug/L

RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VU026417.D

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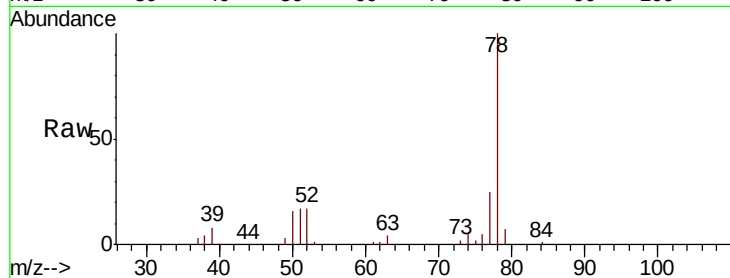
Instrument :

MSVOA_U

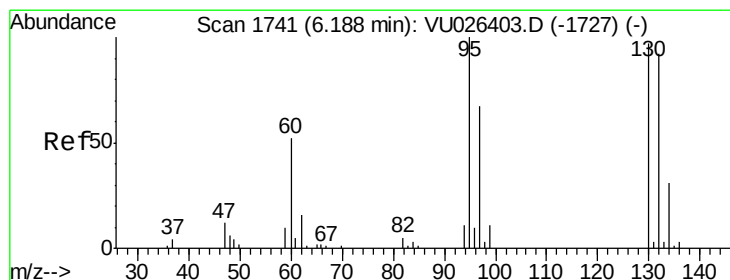
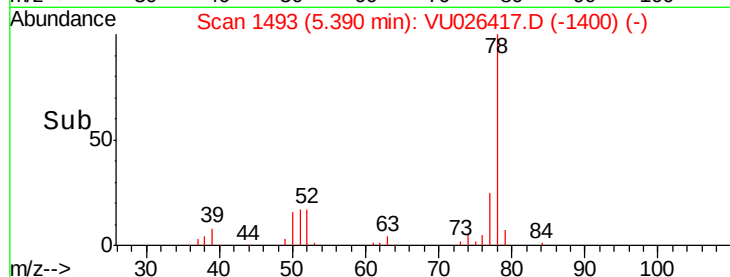
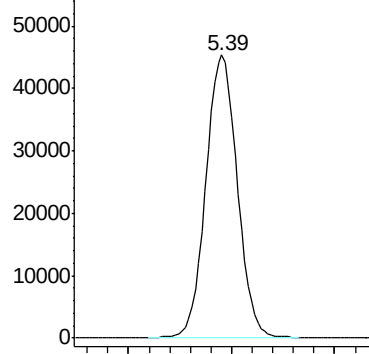
ClientSampleId :

DB3J8MS

Tgt Ion: 78 Resp: 96225



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.39 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026417.D

Acq: 28 Aug 2018 23:21

Tgt Ion: 95 Resp: 23553

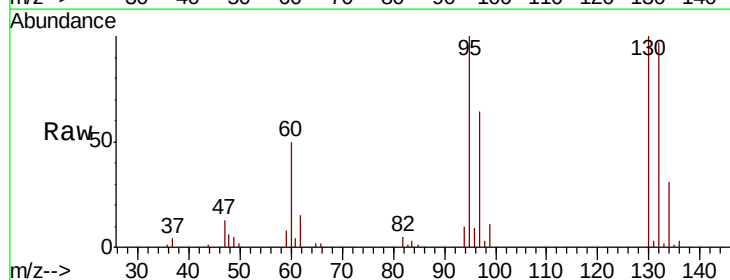
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.6	86.6
132	97.0	64.2	119.2
130	99.6	68.2	126.6

95 100

97 64.0 46.6 86.6

132 97.0 64.2 119.2

130 99.6 68.2 126.6

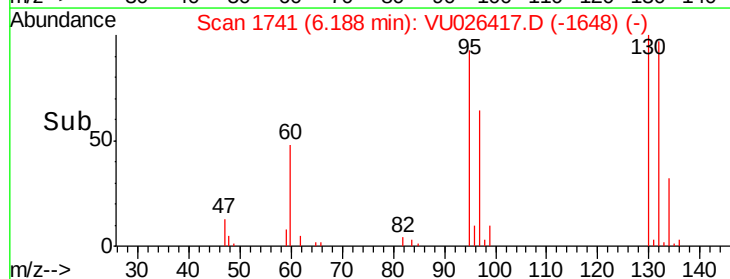
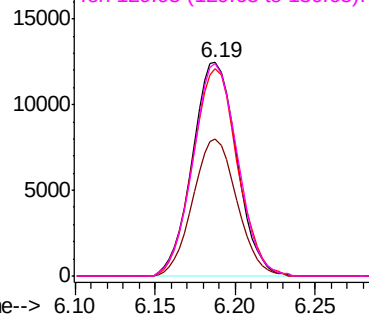


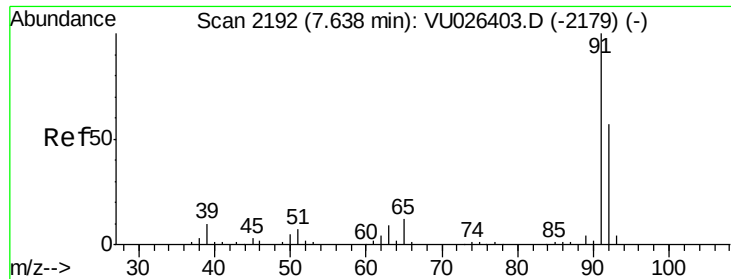
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 4.76 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026417.D

Acq: 28 Aug 2018 23:21

Instrument :

MSVOA_U

ClientSampleId :

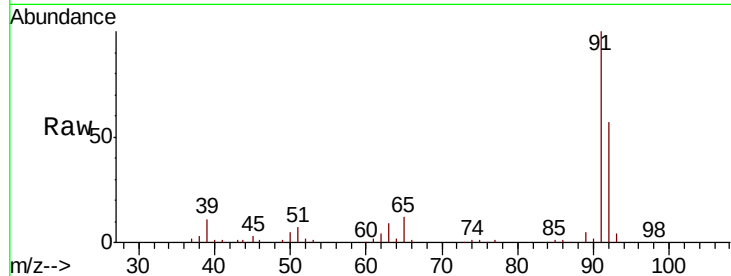
DB3J8MS

Tot Ion: 91 Resp: 96336

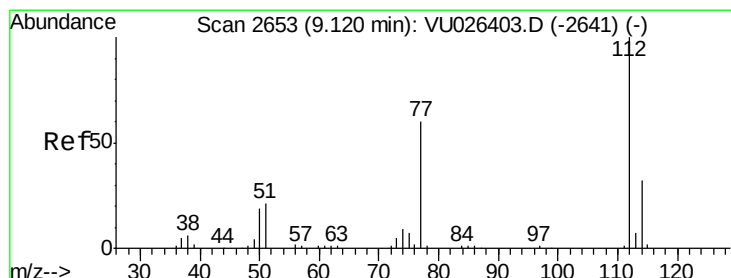
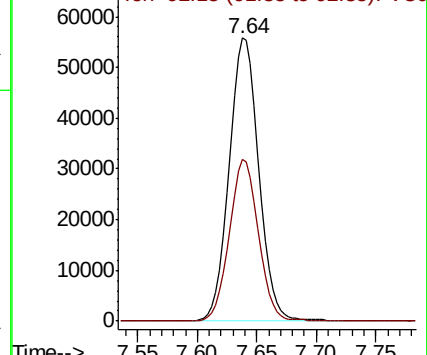
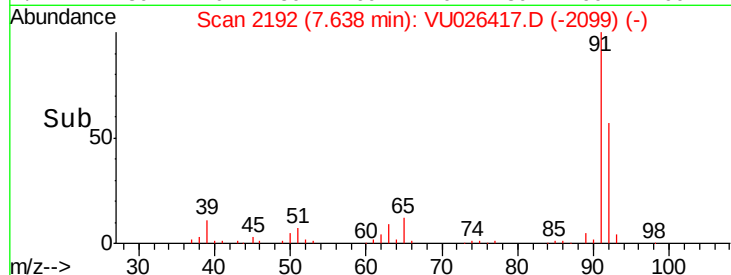
Ion Ratio Lower Upper

91 100

92 57.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU026417.D (-2099) (-)



#51

Chlorobenzene

Concen: 4.80 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026417.D

Acq: 28 Aug 2018 23:21

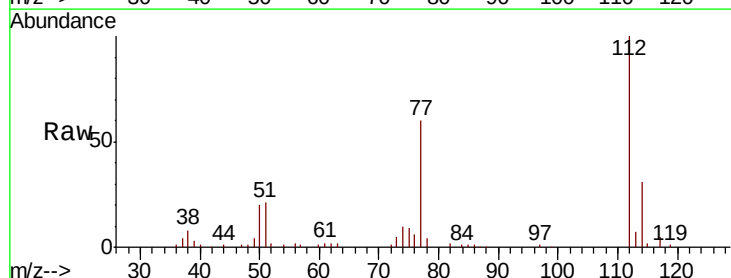
Tgt Ion: 112 Resp: 63020

Ion Ratio Lower Upper

112 100

114 31.2 22.3 41.3

77 59.7 48.4 72.6



Abundance Ion 112.10 (111.80 to 112.80): VU026417.D (-2560) (-)

