

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
 Data File : VU026713.D
 Acq On : 12 Sep 2018 19:44
 Operator : MD/SY
 Sample : J4868-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q2MS

Quant Time: Sep 13 05:13:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 13 03:38:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	202600	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187296	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	83833	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54986	36.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.84%
7) Chloroethane-d5	1.67	69	49798	40.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.86%
11) 1,1-Dichloroethene-d2	2.27	63	113802	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
21) 2-Butanone-d5	4.18	46	110492	117.60	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	4.65	84	113735	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
26) 1,2-Dichloroethane-d4	5.31	65	76972	46.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.70%
32) Benzene-d6	5.34	84	225453	46.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.02%
36) 1,2-Dichloropropane-d6	6.33	67	80016	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.38%
41) Toluene-d8	7.57	98	204100	44.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.74%
43) trans-1,3-Dichloropropene-	7.85	79	35906	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.96%
47) 2-Hexanone-d5	8.31	63	78851	118.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113532	50.97	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.94%
64) 1,2-Dichlorobenzene-d4	11.86	152	81631	48.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.70%

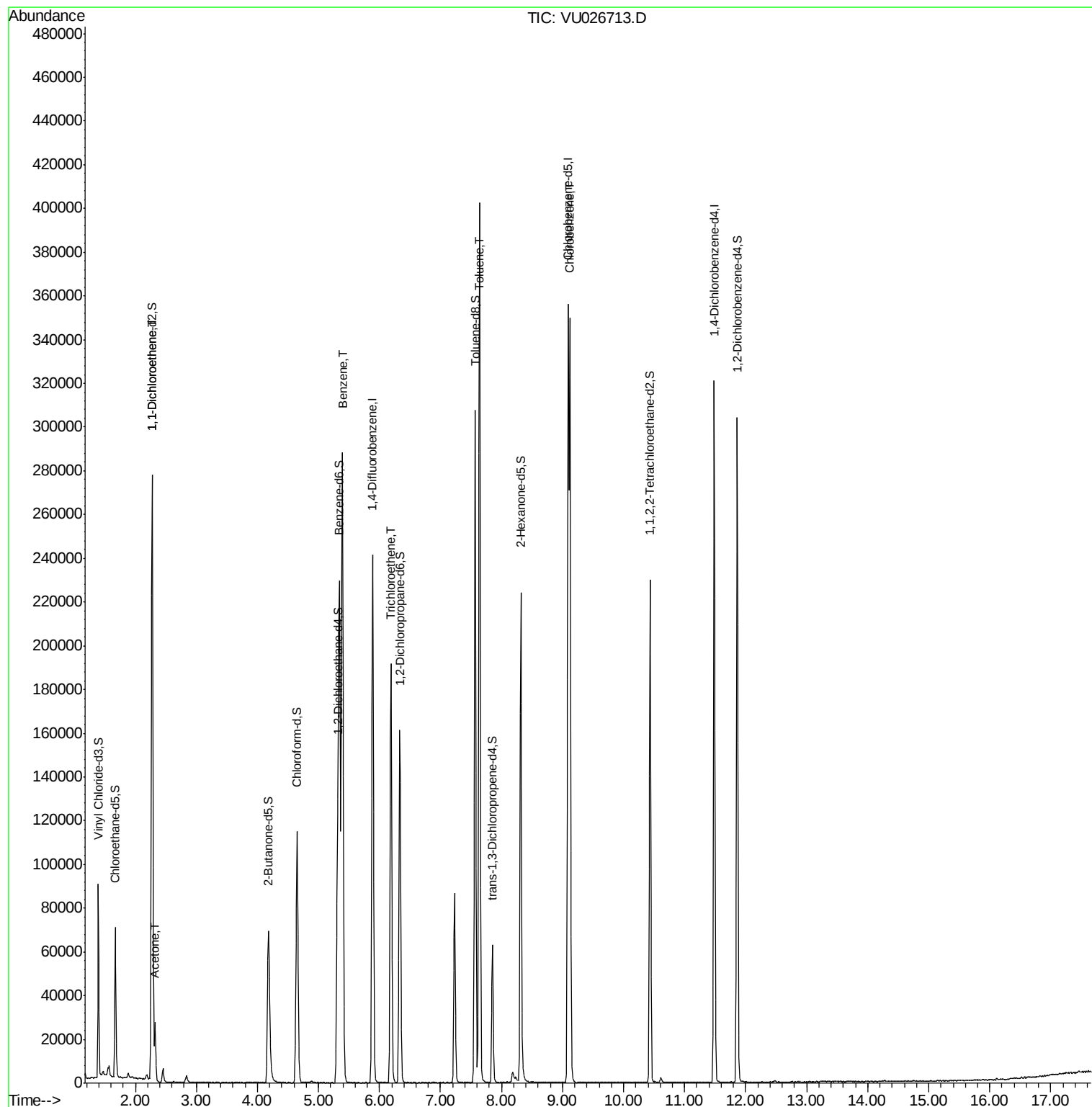
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	61236	51.26	ug/L	96
13) Acetone	2.32	43	26627	24.88	ug/L	99
33) Benzene	5.39	78	281971	53.76	ug/L	100
34) Trichloroethene	6.19	95	66794	51.24	ug/L	98
42) Toluene	7.64	91	290983	53.53	ug/L	99
51) Chlorobenzene	9.12	112	182536	51.14	ug/L	99

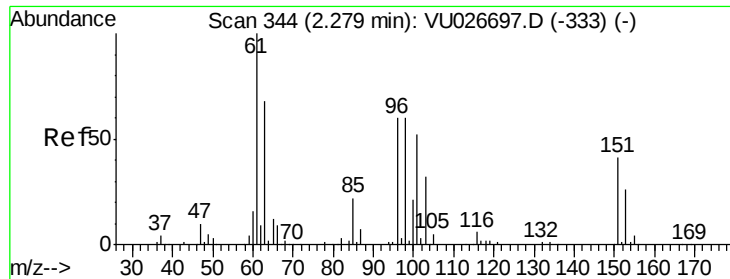
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 51.26 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.00 min

Lab File: VU026713.D

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MSVOA_U

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DB3Q2MS

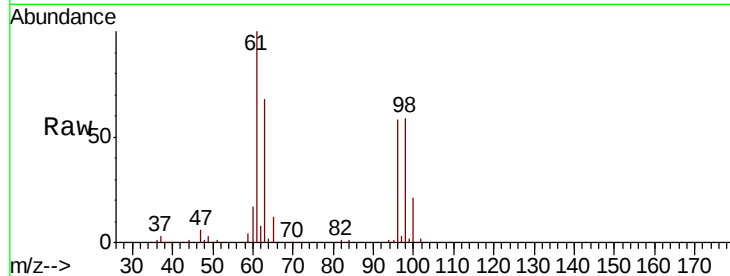
Tot Ion: 96 Resp: 61236

Ion Ratio Lower Upper

96 100

61 173.6 121.0 224.8

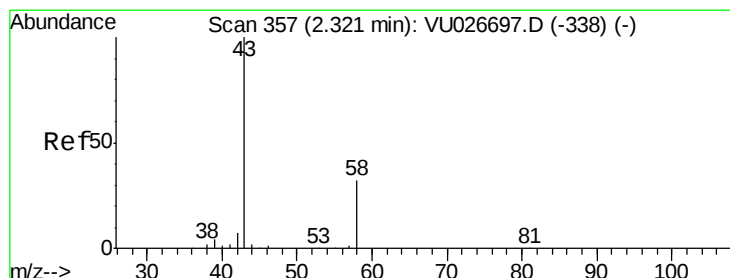
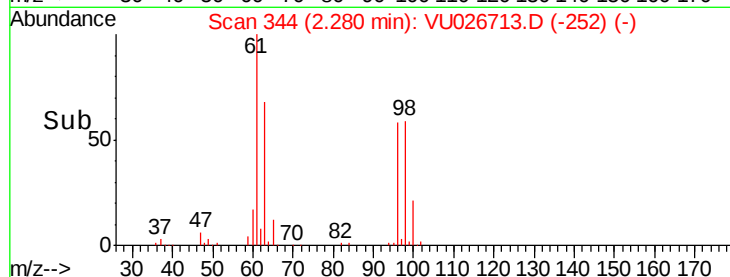
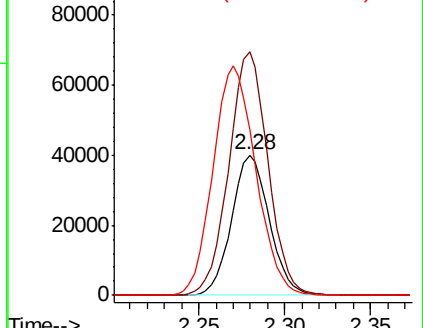
63 118.5 89.9 166.9



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 24.88 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026713.D

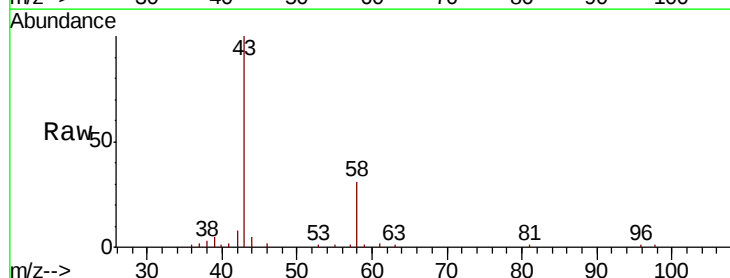
Acq: 12 Sep 2018 19:44

Tgt Ion: 43 Resp: 26627

Ion Ratio Lower Upper

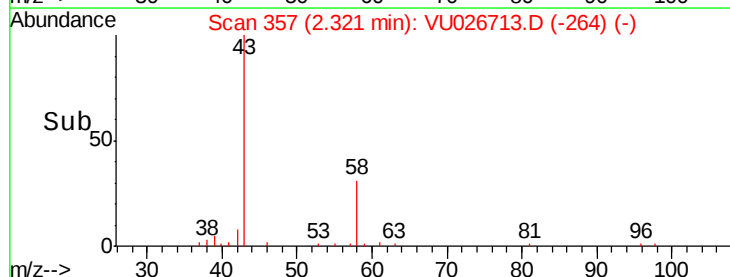
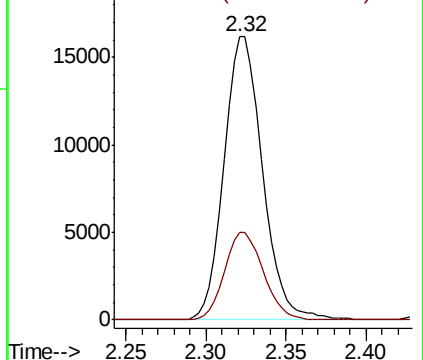
43 100

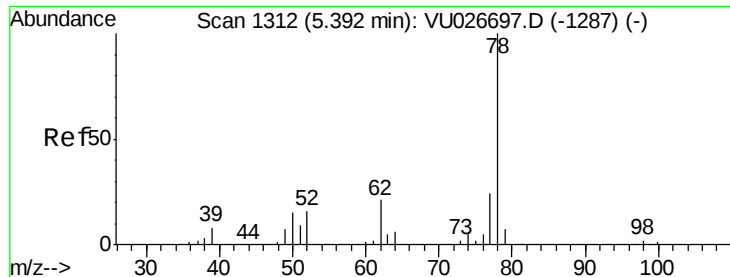
58 30.9 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 53.76 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

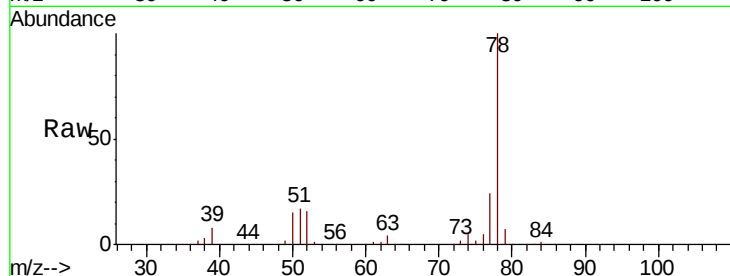
Instrument :

MSVOA_U

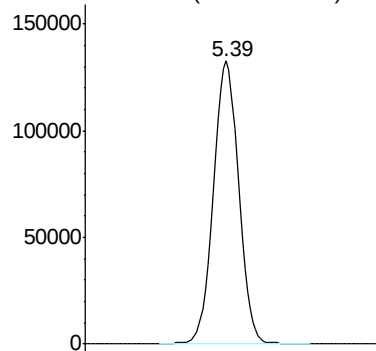
ClientSampleId :

DB3Q2MS

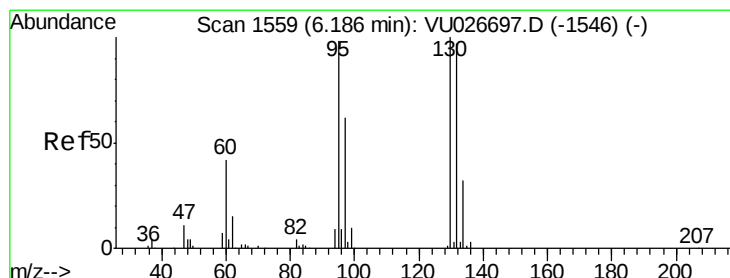
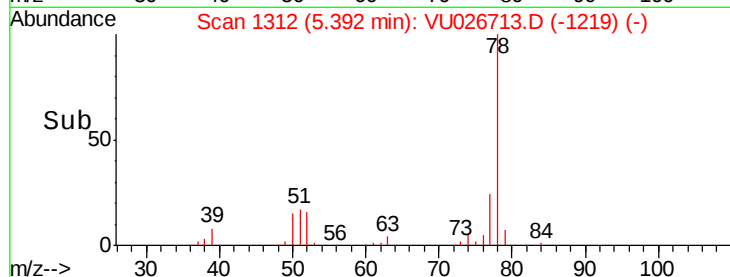
Tgt Ion: 78 Resp: 281971



Abundance Ion 78.00 (77.70 to 78.70): VU0



Time-->



#34

Trichloroethene

Concen: 51.24 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

Tgt Ion: 95 Resp: 66794

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.9	83.5
132	98.1	69.7	129.5
130	99.8	72.4	134.4

95 100

97 64.2 44.9 83.5

132 98.1 69.7 129.5

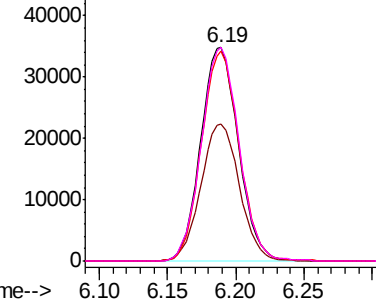
130 99.8 72.4 134.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

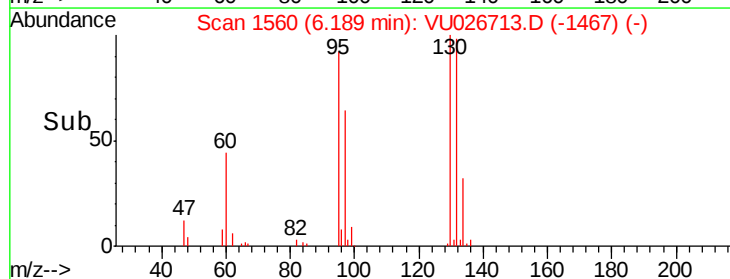
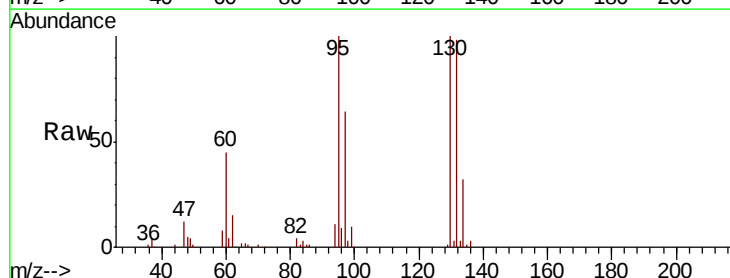
Ion 97.00 (96.70 to 97.70): VU0

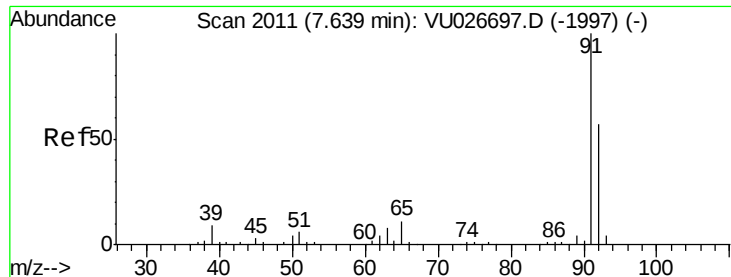
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->





#42

Toluene

Concen: 53.53 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

Instrument :

MSVOA_U

ClientSampleId :

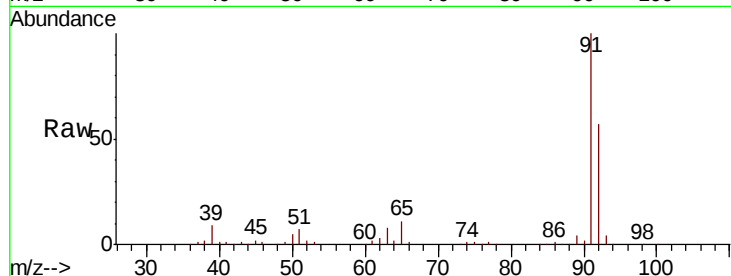
DB3Q2MS

Tot Ion: 91 Resp: 290983

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.9



Abundance Ion 91.00 (90.70 to 91.70): VU026697.D (-1997) (-)

Ion 92.00 (91.70 to 92.70): VU026697.D (-1997) (-)

7.64

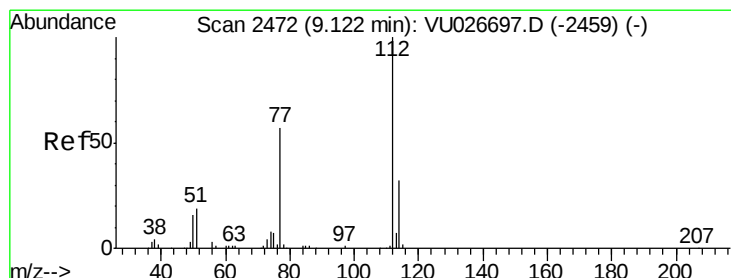
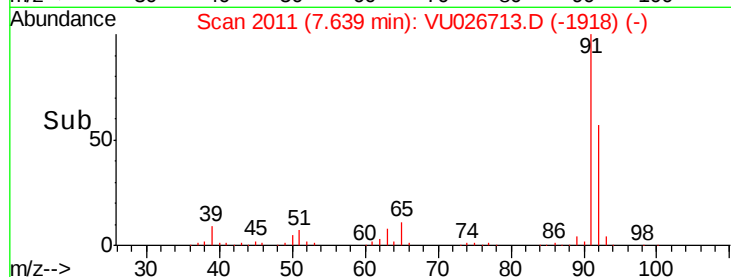
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 51.14 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026713.D

Acq: 12 Sep 2018 19:44

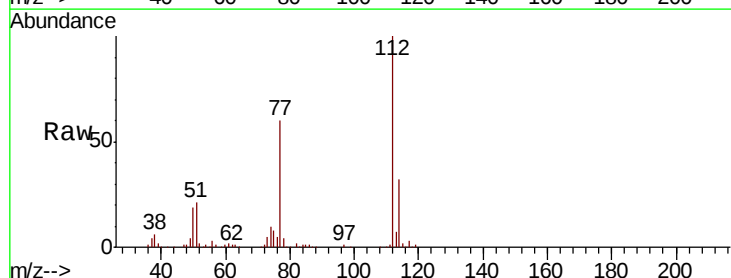
Tgt Ion: 112 Resp: 182536

Ion Ratio Lower Upper

112 100

114 32.2 22.9 42.5

77 60.1 47.2 70.8



Abundance Ion 112.00 (111.70 to 112.70): VU026697.D (-2459) (-)

Ion 114.00 (113.70 to 114.70): VU026697.D (-2459) (-)

Ion 77.00 (76.70 to 77.70): VU026697.D (-2459) (-)

9.12

150000

100000

50000

0

Time-->

