

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
 Data File : VU026714.D
 Acq On : 12 Sep 2018 20:07
 Operator : MD/SY
 Sample : J4868-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3Q2MSD

Quant Time: Sep 13 05:15:52 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	202667	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187414	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	82389	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54889	36.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.68%
7) Chloroethane-d5	1.67	69	48750	40.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.12%
11) 1,1-Dichloroethene-d2	2.27	63	110367	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.66%
21) 2-Butanone-d5	4.18	46	105869	112.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.64%
24) Chloroform-d	4.65	84	112320	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.46%
26) 1,2-Dichloroethane-d4	5.31	65	75970	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
32) Benzene-d6	5.34	84	224022	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
36) 1,2-Dichloropropane-d6	6.33	67	79007	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.08%
41) Toluene-d8	7.57	98	201491	44.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.54%
43) trans-1,3-Dichloropropene-	7.85	79	34589	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
47) 2-Hexanone-d5	8.31	63	76515	115.21	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.21%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111582	50.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	81524	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

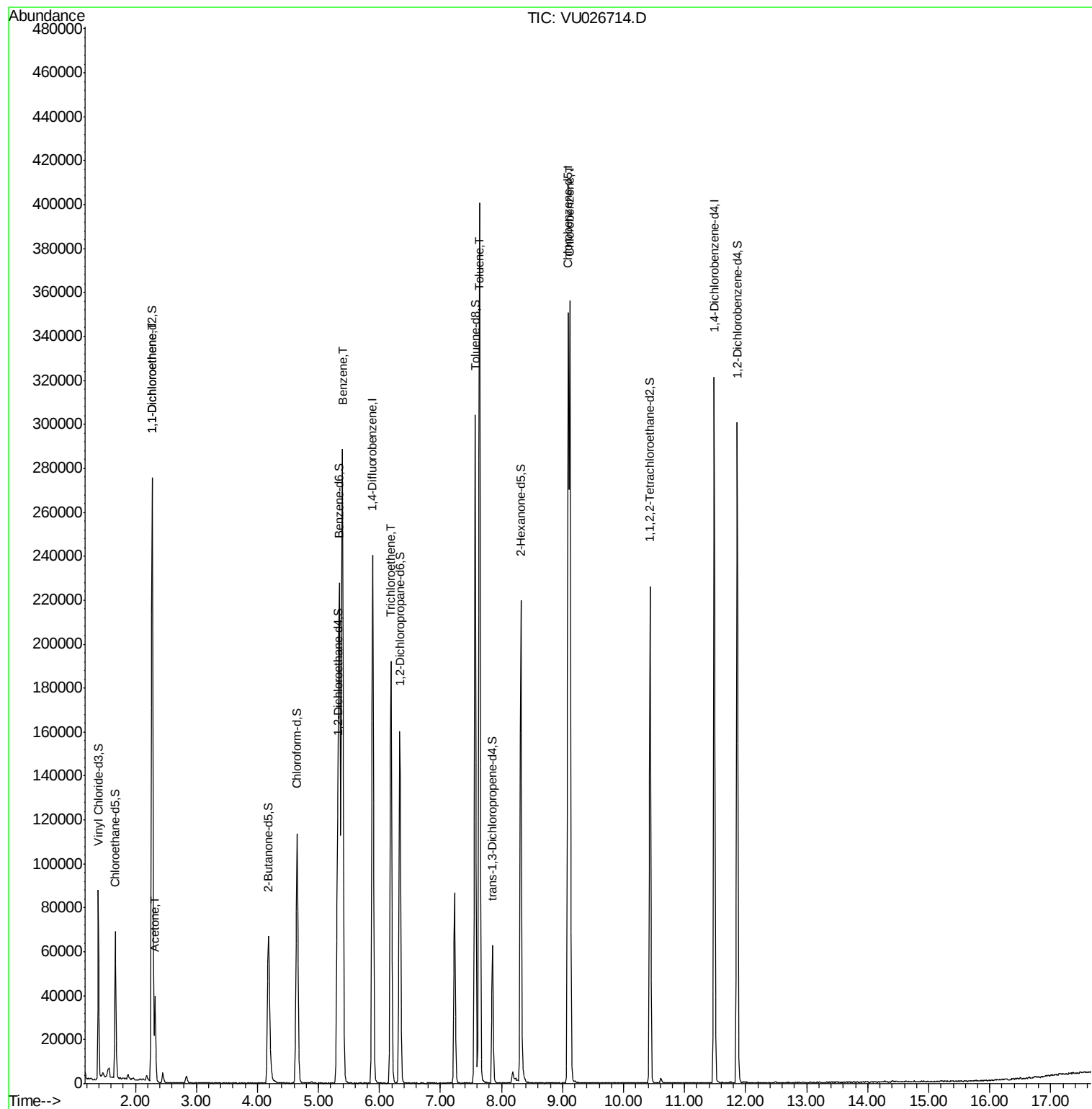
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	61063	51.10	ug/L	96
13) Acetone	2.32	43	37495	35.03	ug/L	98
33) Benzene	5.39	78	281222	53.58	ug/L	100
34) Trichloroethene	6.19	95	66999	51.36	ug/L	98
42) Toluene	7.64	91	289594	53.24	ug/L	100
51) Chlorobenzene	9.12	112	183225	51.30	ug/L	99

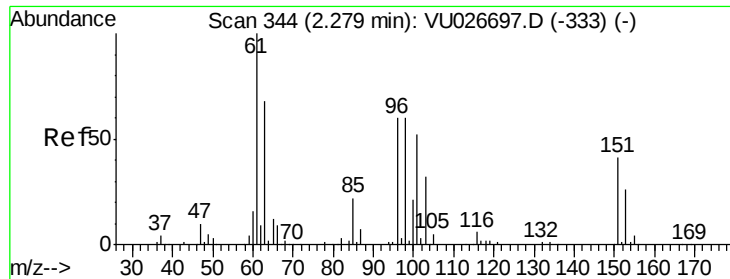
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 51.10 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.00 min

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Acq: 12 Sep 2018 20:07

Instrument :

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ClientSampleId :

DB3Q2MSD

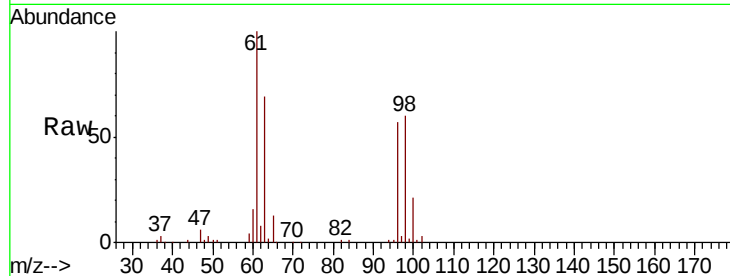
Tot Ion: 96 Resp: 61063

Ion Ratio Lower Upper

96 100

61 174.8 121.0 224.8

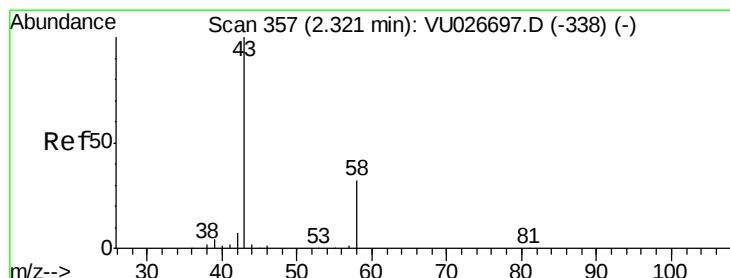
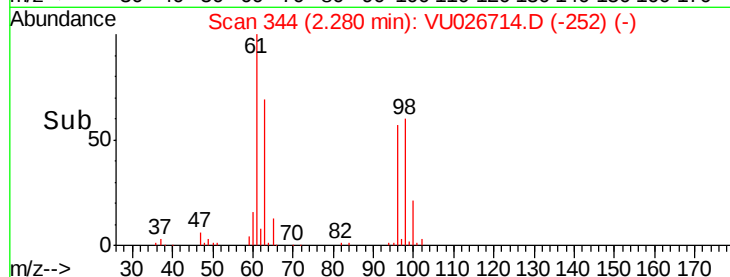
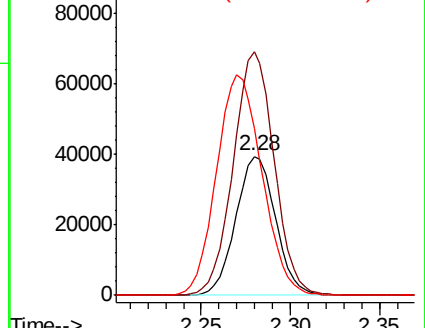
63 120.1 89.9 166.9



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: 35.03 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU026714.D

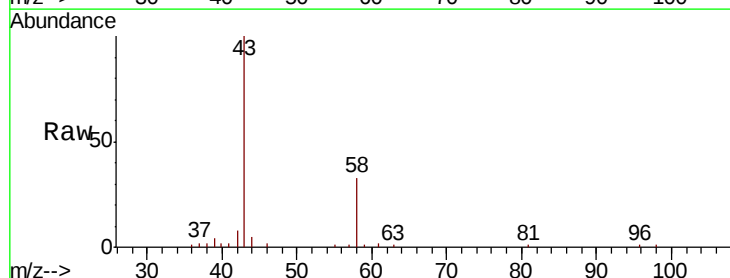
Acq: 12 Sep 2018 20:07

Tgt Ion: 43 Resp: 37495

Ion Ratio Lower Upper

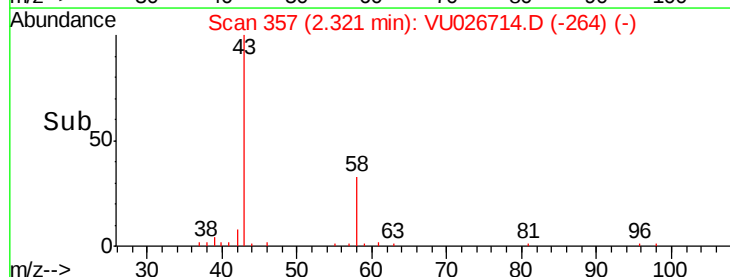
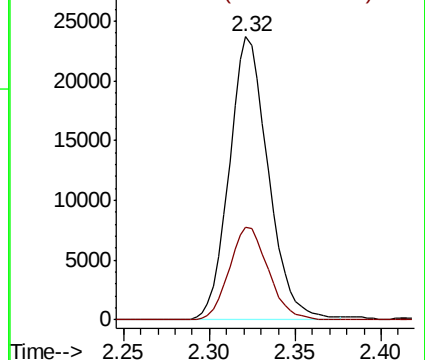
43 100

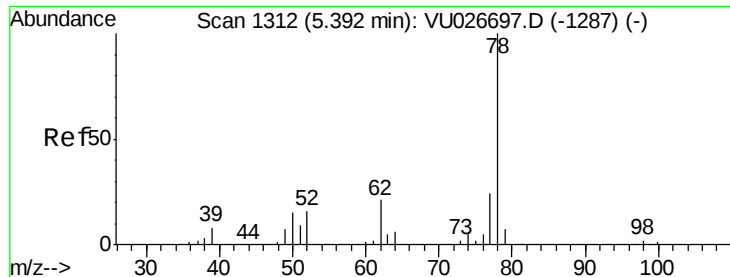
58 32.5 0.0 62.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 53.58 ug/L

RT: 5.39 min Scan# 1312

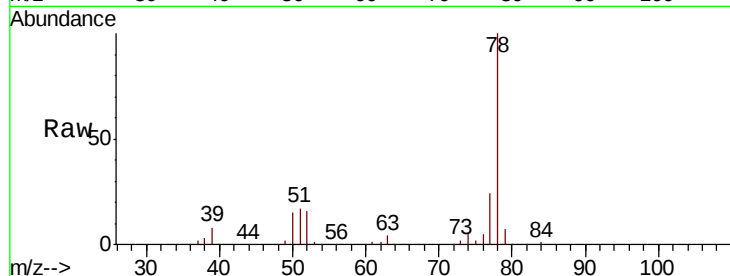
Delta R.T. -0.00 min

Lab File: VU026714.D

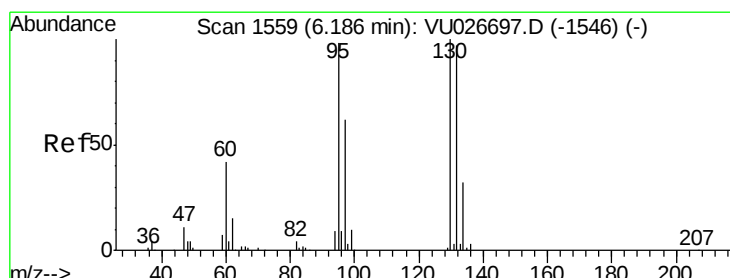
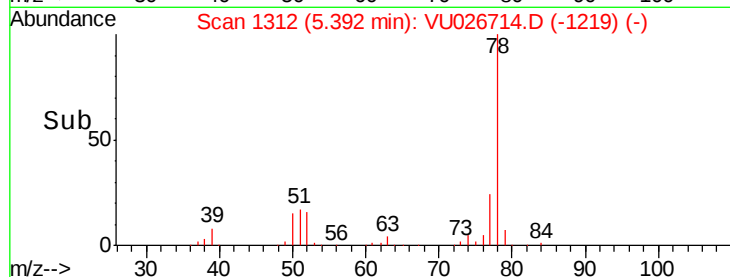
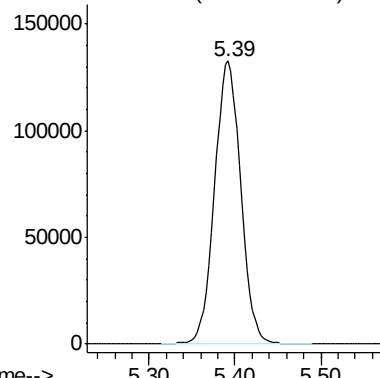
Acq: 12 Sep 2018 20:07

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Tgt Ion: 78 Resp: 281222



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 51.36 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

Tgt Ion: 95 Resp: 66999

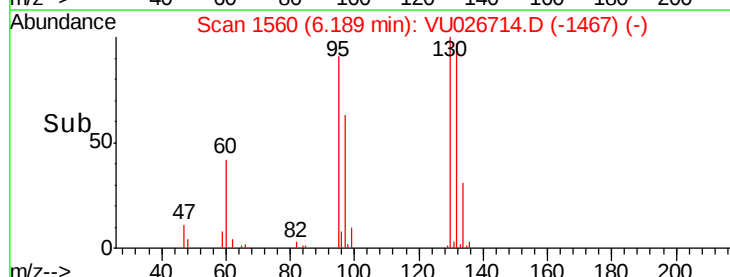
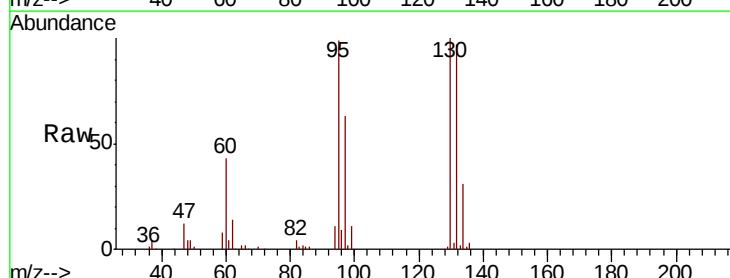
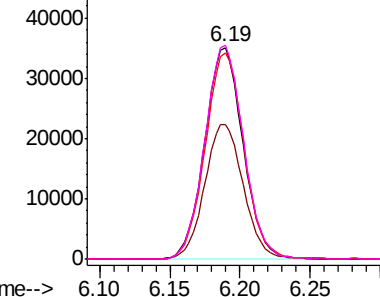
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.9	83.5
132	97.7	69.7	129.5
130	101.0	72.4	134.4

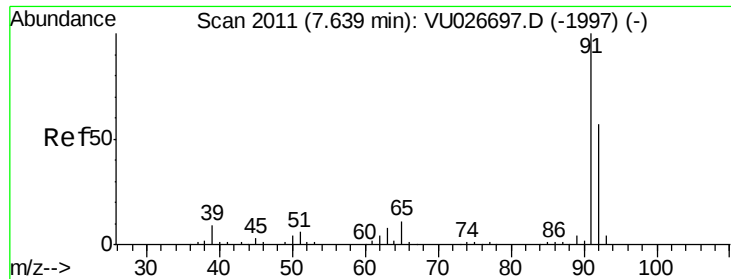
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 53.24 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. -0.00 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

Instrument :

MSVOA_U

ClientSampleId :

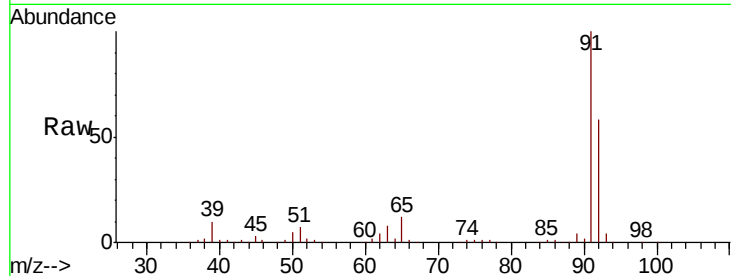
DB3Q2MSD

Tot Ion: 91 Resp: 289594

Ion Ratio Lower Upper

91 100

92 57.9 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

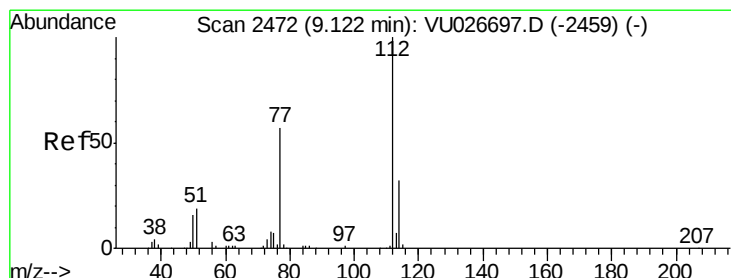
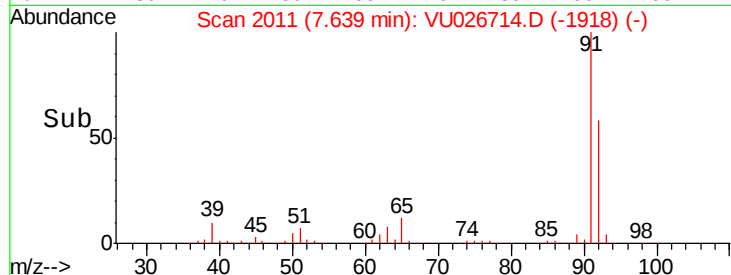
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 51.30 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. -0.00 min

Lab File: VU026714.D

Acq: 12 Sep 2018 20:07

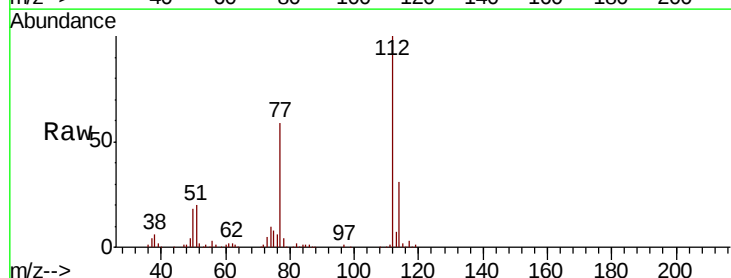
Tgt Ion: 112 Resp: 183225

Ion Ratio Lower Upper

112 100

114 31.5 22.9 42.5

77 58.8 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-->

