

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032633.D
 Acq On : 12 Jun 2019 00:14
 Operator : JC/SP
 Sample : K3293-11MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R3MS

Quant Time: Jun 12 08:52:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 07:28:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	167301	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	158249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79207	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40850	37.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.26%
7) Chloroethane-d5	1.67	69	36674	42.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.08%
11) 1,1-Dichloroethene-d2	2.27	63	93721	44.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.20%
21) 2-Butanone-d5	4.17	46	92737	102.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.09%
24) Chloroform-d	4.64	84	95437	47.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.28%
26) 1,2-Dichloroethane-d4	5.30	65	65527	51.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.76%
32) Benzene-d6	5.33	84	187403	45.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.24%
36) 1,2-Dichloropropane-d6	6.32	67	62537	48.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.10%
41) Toluene-d8	7.56	98	171970	44.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.30%
43) trans-1,3-Dichloropropene-	7.85	79	27447	44.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.04%
47) 2-Hexanone-d5	8.31	63	53061	84.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91590	49.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	75048	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%

Target Compounds

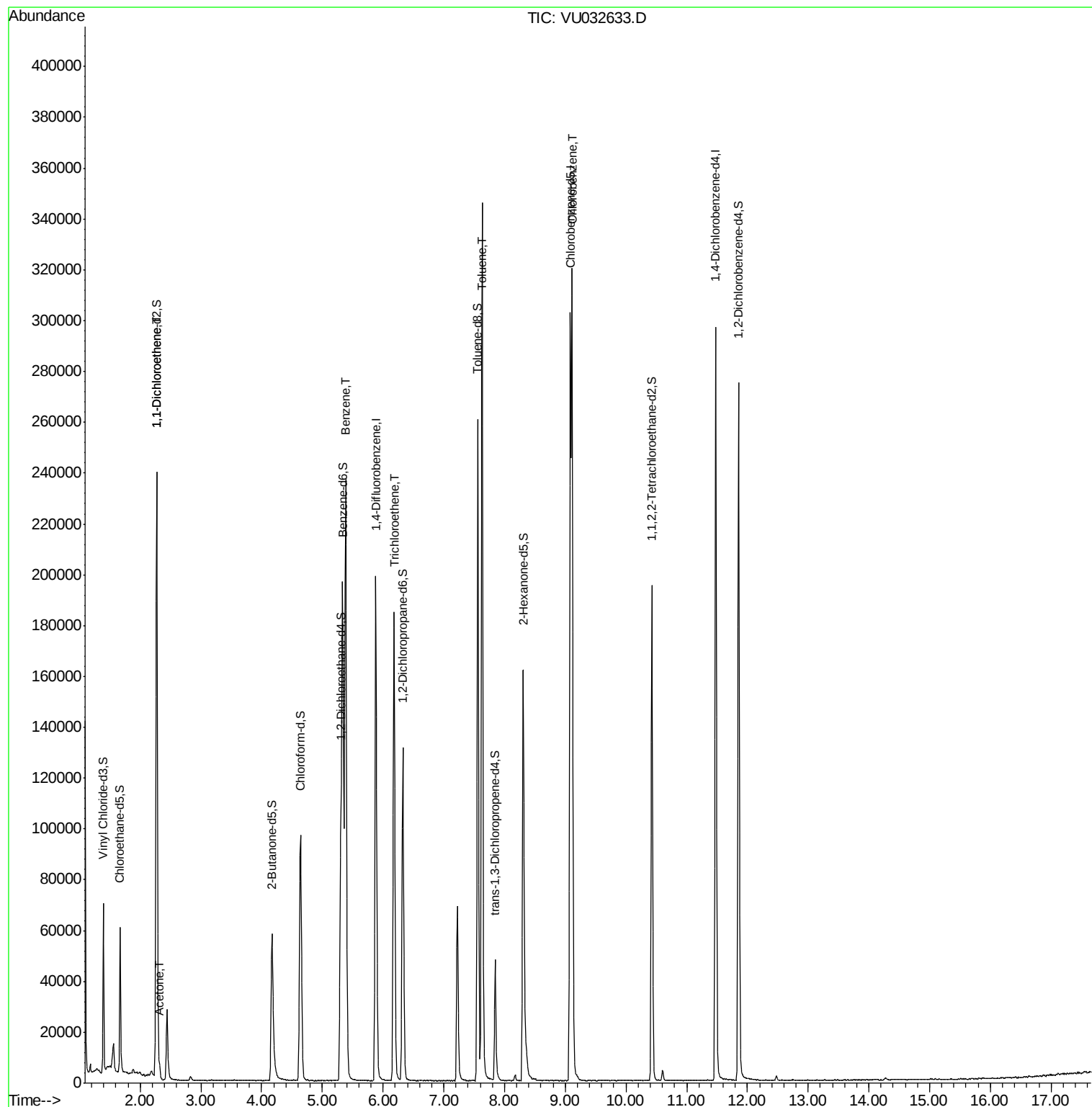
					Ovalue
12) 1,1-Dichloroethene	2.28	96	51742	52.122 ug/L	84
13) Acetone	2.32	43	5288	5.642 ug/L	91
33) Benzene	5.38	78	231928	52.162 ug/L	100
34) Trichloroethene	6.18	95	61415	50.770 ug/L	99
42) Toluene	7.63	91	249993	51.339 ug/L	98
51) Chlorobenzene	9.11	112	163498	52.116 ug/L	100

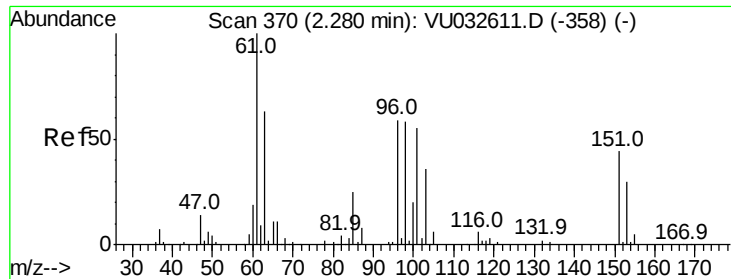
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 52.122 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032633.D

Acq: 12 Jun 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

DB8R3MS

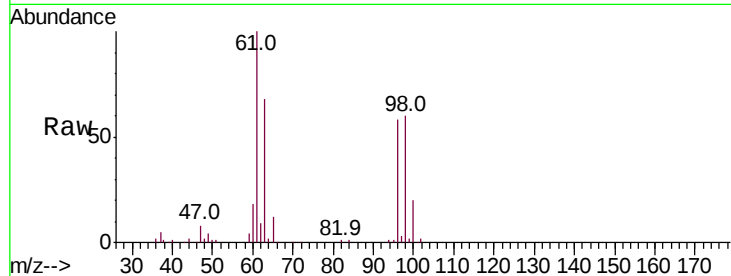
Tot Ion: 96 Resp: 51742

Ion Ratio Lower Upper

96 100

61 171.6 129.5 240.5

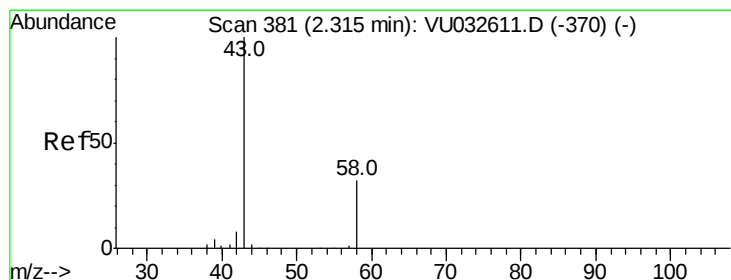
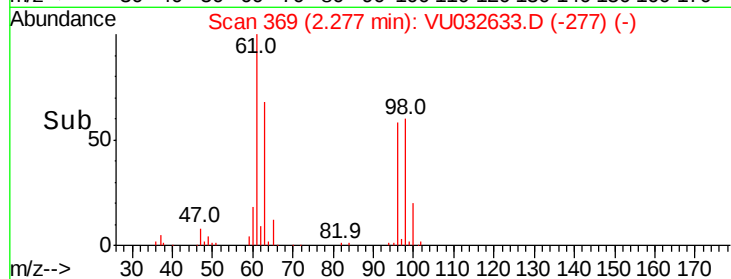
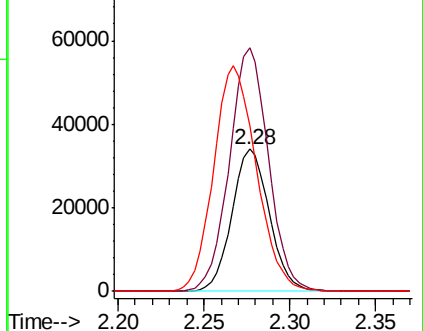
63 116.8 103.4 192.0



Abundance Ion 96.00 (95.70 to 96.70): VU032611.D (-358) (-)

Ion 61.00 (60.70 to 61.70): VU032611.D (-358) (-)

Ion 63.00 (62.70 to 63.70): VU032611.D (-358) (-)



#13

Acetone

Concen: 5.642 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032633.D

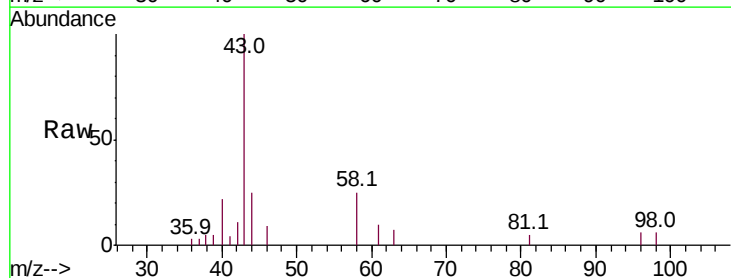
Acq: 12 Jun 2019 00:14

Tgt Ion: 43 Resp: 5288

Ion Ratio Lower Upper

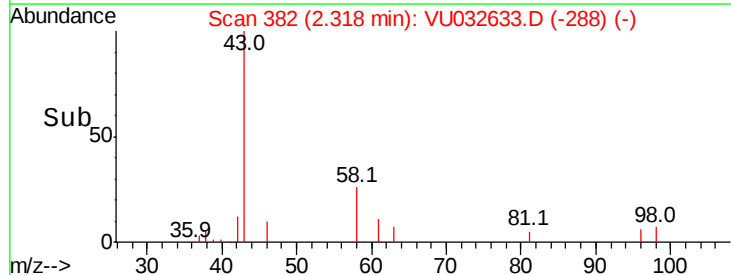
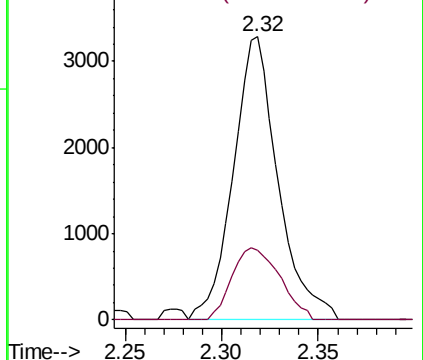
43 100

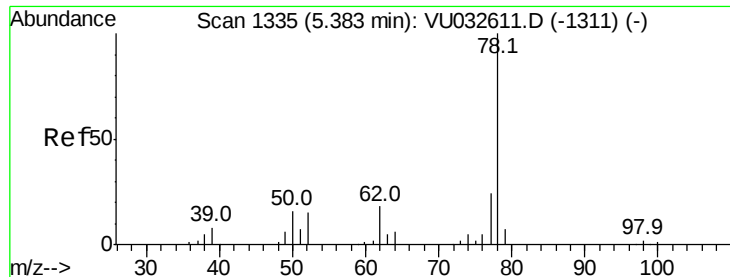
58 27.2 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032611.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032611.D (-370) (-)





#33

Benzene

Concen: 52.162 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU032633.D

Acq: 12 Jun 2019 00:14

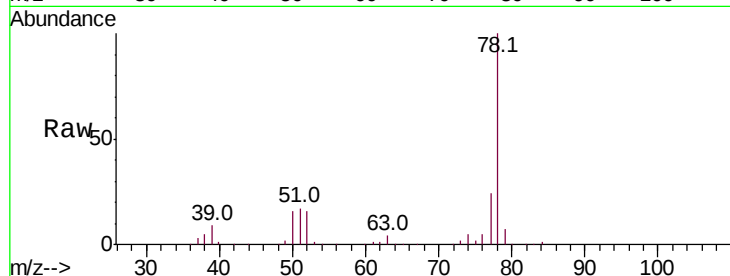
Instrument :

MSVOA_U

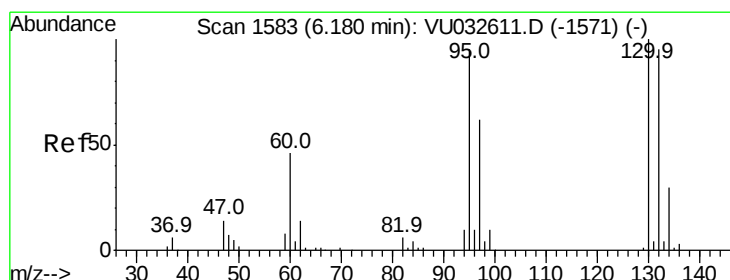
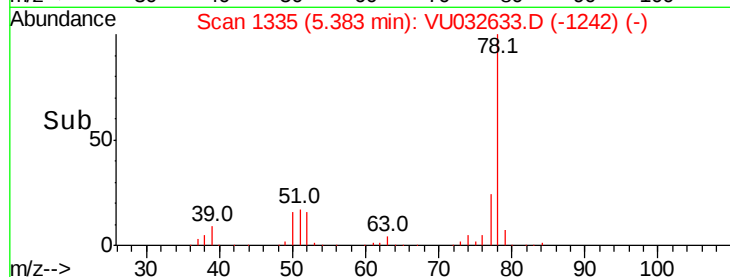
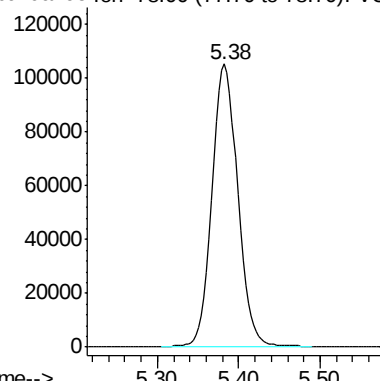
ClientSampleId :

DB8R3MS

Tgt Ion: 78 Resp: 231928



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 50.770 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032633.D

Acq: 12 Jun 2019 00:14

Tgt Ion: 95 Resp: 61415

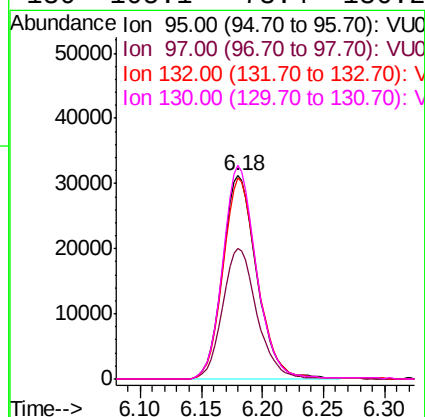
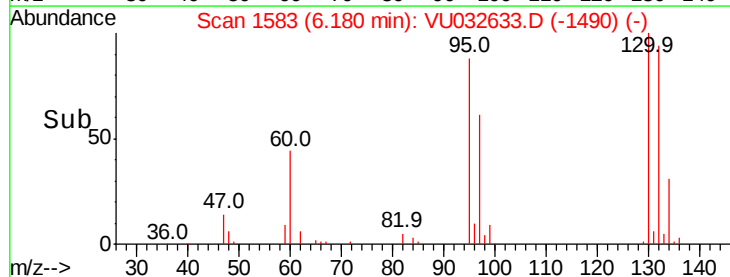
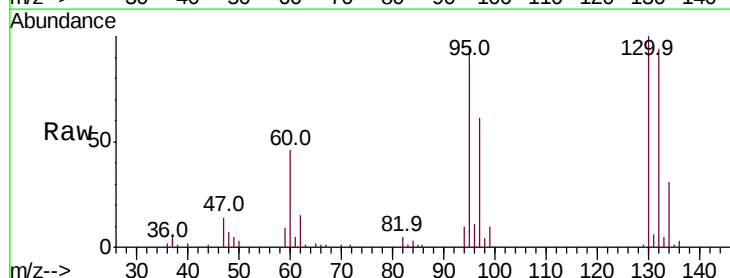
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.8	85.2
132	98.6	71.0	131.8
130	105.1	73.4	136.2

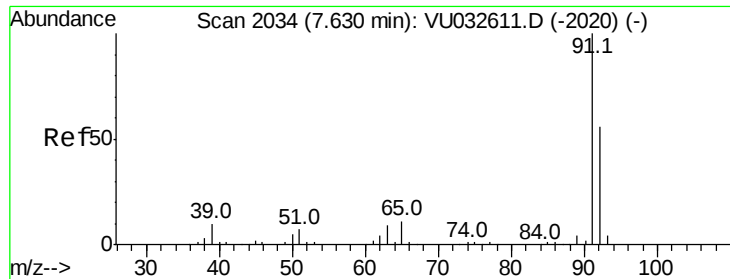
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 51.339 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032633.D

Acq: 12 Jun 2019 00:14

Instrument :

MSVOA_U

ClientSampleId :

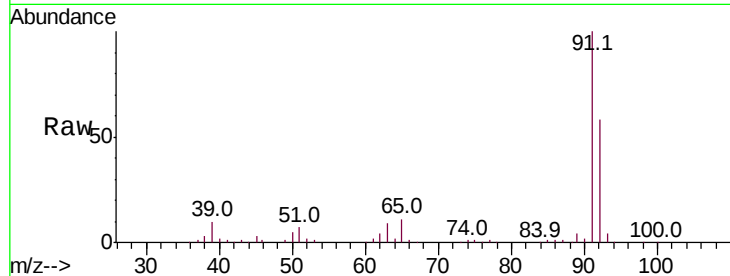
DB8R3MS

Tot Ion: 91 Resp: 249993

Ion Ratio Lower Upper

91 100

92 57.9 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032611.D (-2020) (-)

Ion 92.00 (91.70 to 92.70): VU032611.D (-2020) (-)

7.63

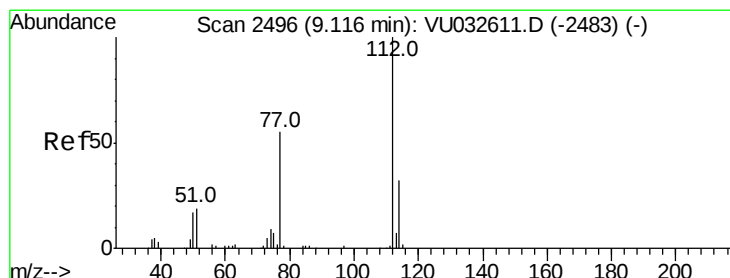
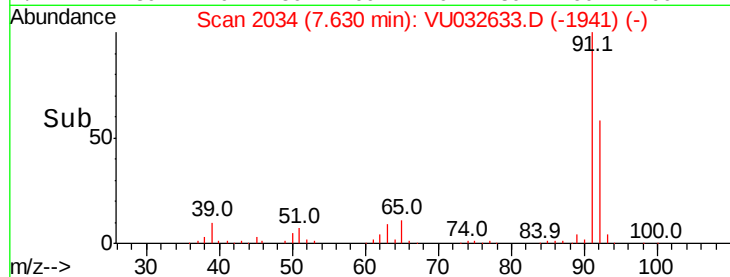
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 52.116 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU032633.D

Acq: 12 Jun 2019 00:14

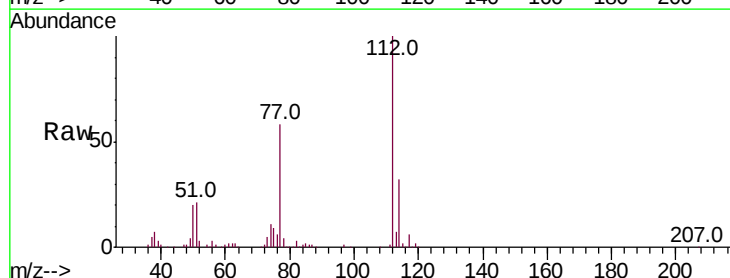
Tgt Ion: 112 Resp: 163498

Ion Ratio Lower Upper

112 100

114 32.1 22.6 42.0

77 57.5 46.1 69.1



Abundance Ion 112.00 (111.70 to 112.70): VU032611.D (-2483) (-)

Ion 114.00 (113.70 to 114.70): VU032611.D (-2483) (-)

Ion 77.00 (76.70 to 77.70): VU032611.D (-2483) (-)

9.11

120000

100000

80000

60000

40000

20000

0

Time-->

