

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032634.D
 Acq On : 12 Jun 2019 00:36
 Operator : JC/SP
 Sample : K3293-12MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R3MSD

Quant Time: Jun 12 08:54:30 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	164692	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	158667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78868	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	41161	38.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.04%
7) Chloroethane-d5	1.67	69	36781	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.68%
11) 1,1-Dichloroethene-d2	2.27	63	95341	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.14%
21) 2-Butanone-d5	4.17	46	97193	108.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.69%
24) Chloroform-d	4.64	84	96827	48.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.18%
26) 1,2-Dichloroethane-d4	5.30	65	65610	52.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.52%
32) Benzene-d6	5.33	84	191721	46.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.08%
36) 1,2-Dichloropropane-d6	6.32	67	63236	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.92%
41) Toluene-d8	7.56	98	174681	44.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.44%
43) trans-1,3-Dichloropropene-	7.85	79	27637	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.42%
47) 2-Hexanone-d5	8.31	63	52347	83.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93316	49.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	75729	50.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.26%

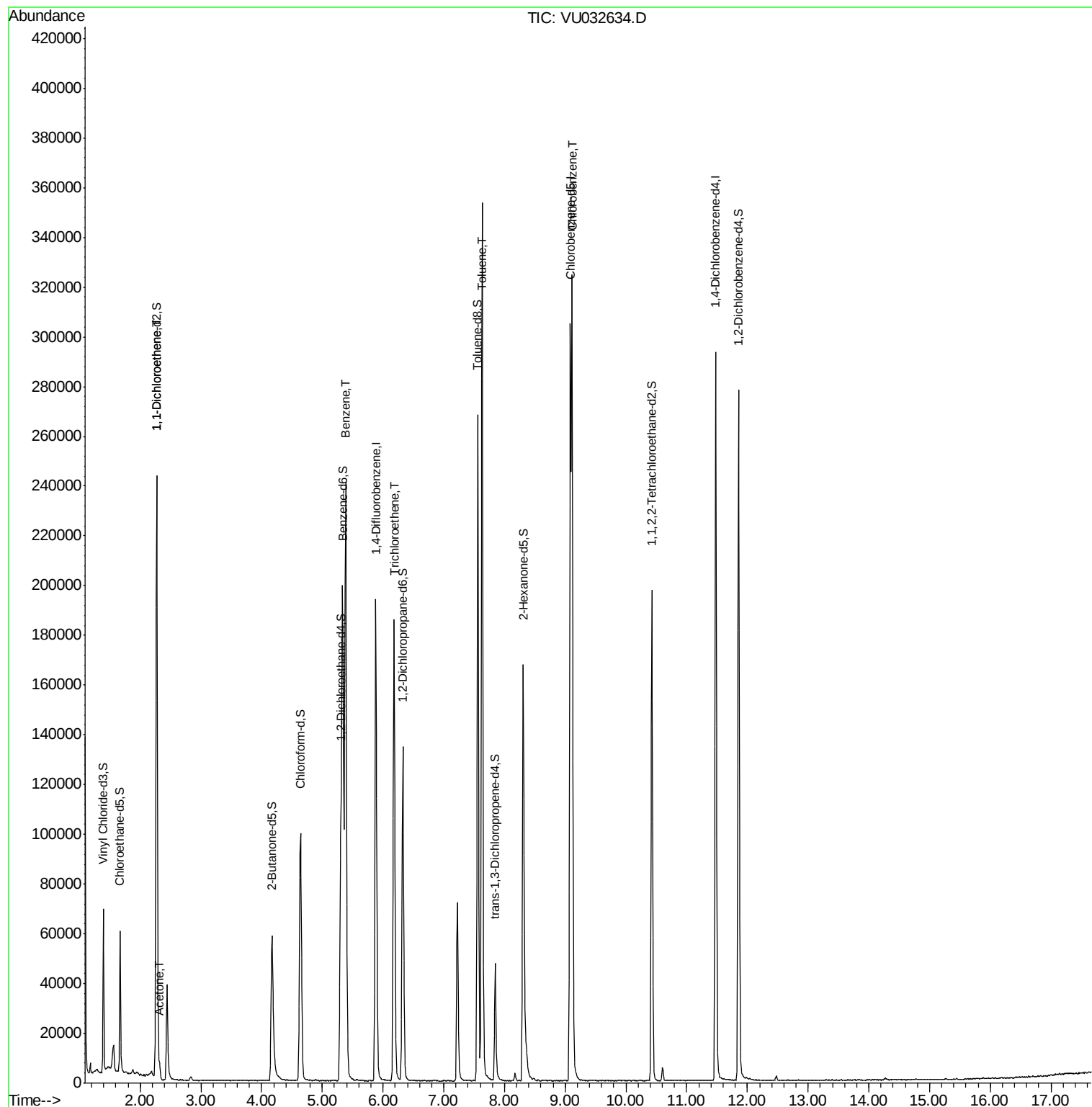
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.28	96	52177	53.392	ug/L 84
13) Acetone	2.32	43	5723	6.203	ug/L 95
33) Benzene	5.38	78	233481	52.373	ug/L 100
34) Trichloroethene	6.18	95	61821	50.971	ug/L 97
42) Toluene	7.63	91	252697	51.758	ug/L 98
51) Chlorobenzene	9.11	112	166629	52.974	ug/L 100

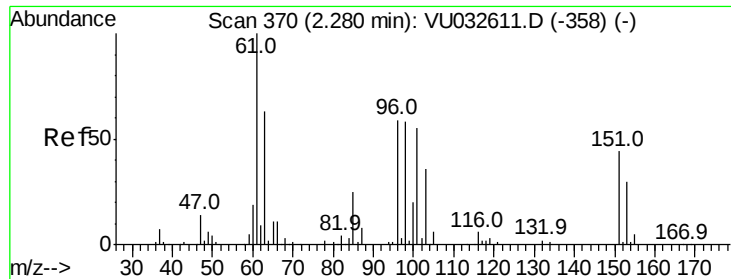
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 12 07:28:55 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 53.392 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

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DB8R3MSD

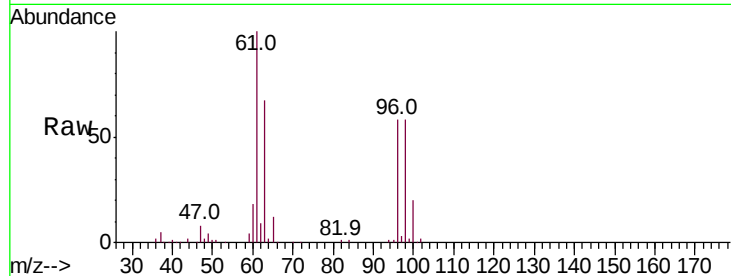
Tot Ion: 96 Resp: 52177

Ion Ratio Lower Upper

96 100

61 173.1 129.5 240.5

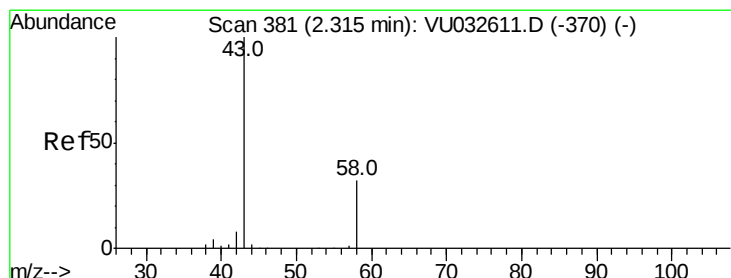
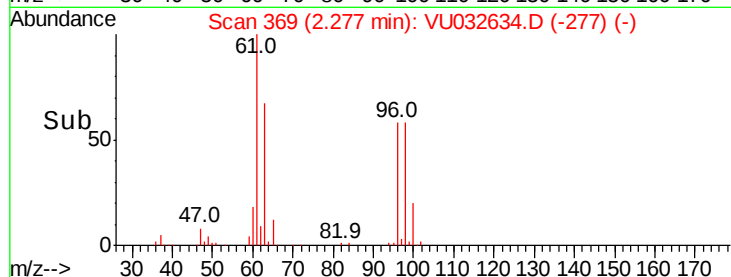
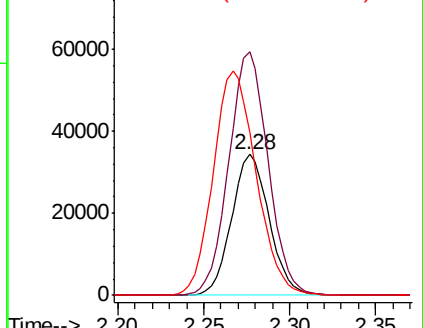
63 115.9 103.4 192.0



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: 6.203 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032634.D

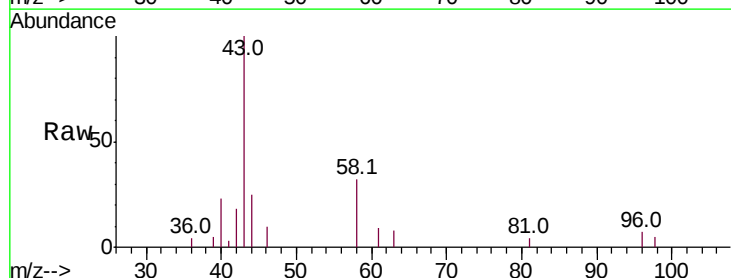
Acq: 12 Jun 2019 00:36

Tgt Ion: 43 Resp: 5723

Ion Ratio Lower Upper

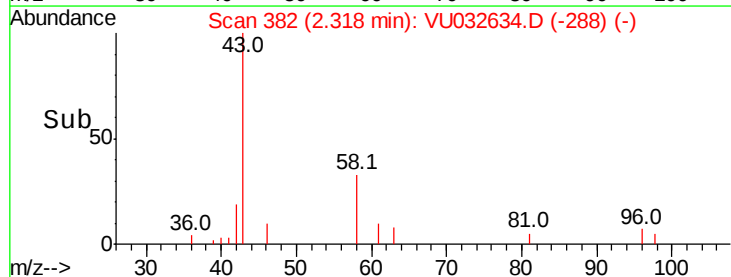
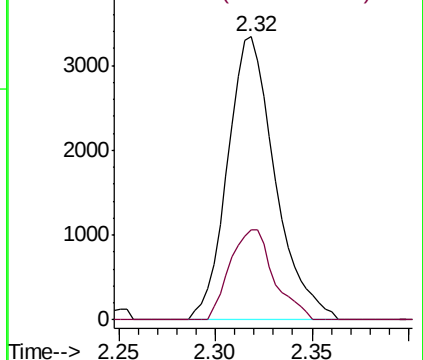
43 100

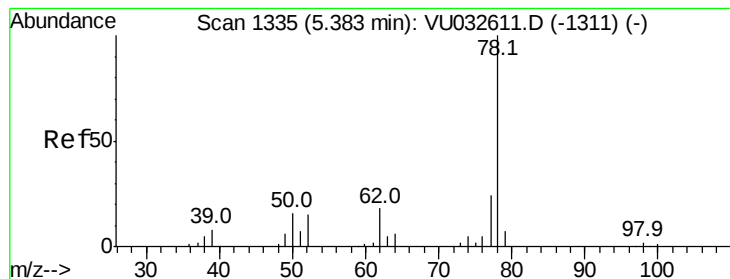
58 29.4 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#33

Benzene

Concen: 52.373 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU032634.D

Acq: 12 Jun 2019 00:36

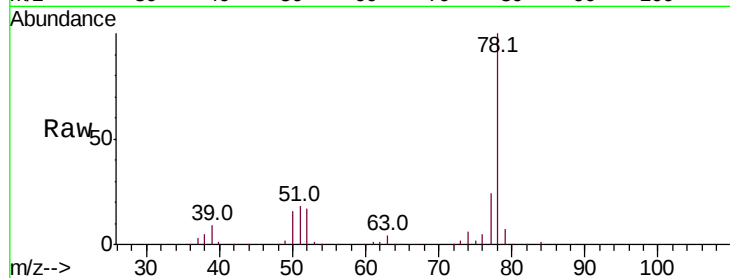
Instrument :

MSVOA_U

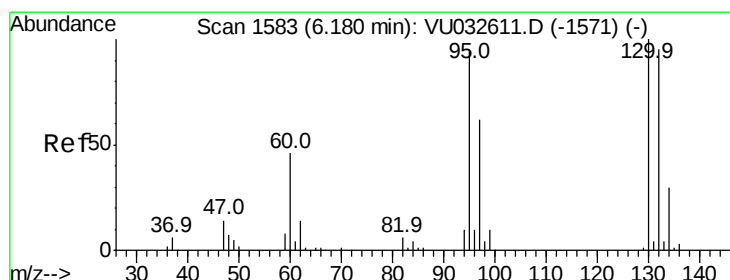
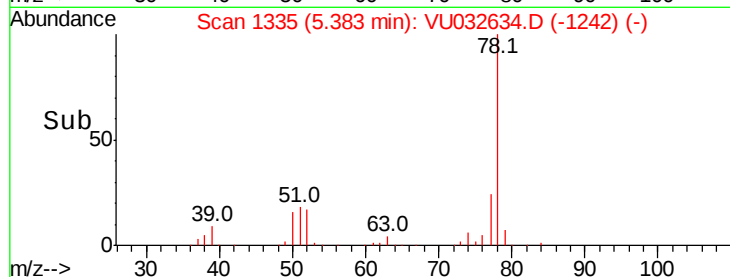
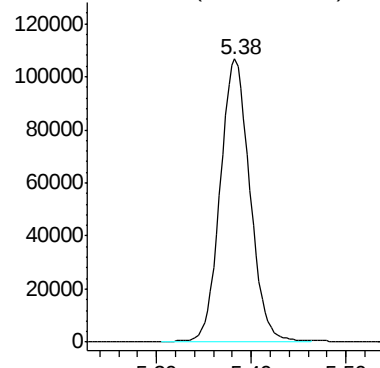
ClientSampleId :

DB8R3MSD

Tgt Ion: 78 Resp: 233481



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 50.971 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032634.D

Acq: 12 Jun 2019 00:36

Tgt Ion: 95 Resp: 61821

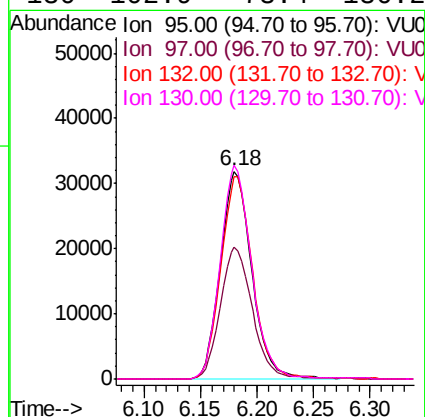
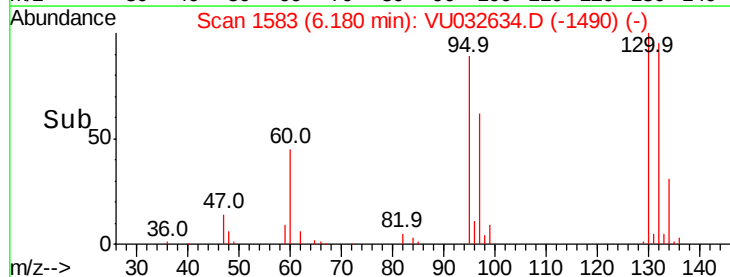
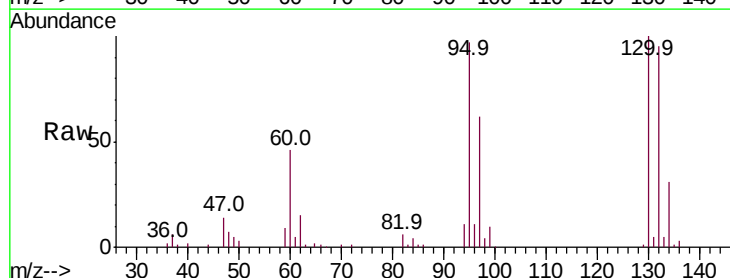
Ion	Ratio	Lower	Upper
95	100		
97	63.4	45.8	85.2
132	97.6	71.0	131.8
130	102.9	73.4	136.2

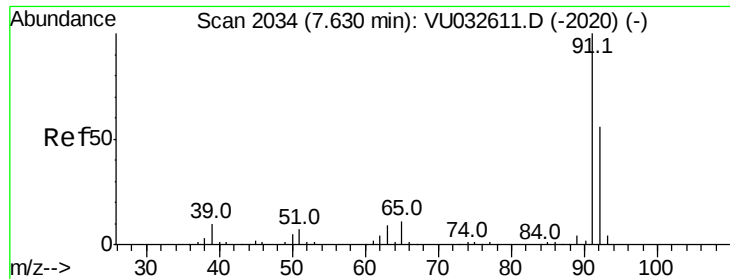
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 51.758 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU032634.D

Acq: 12 Jun 2019 00:36

Instrument :

MSVOA_U

ClientSampleId :

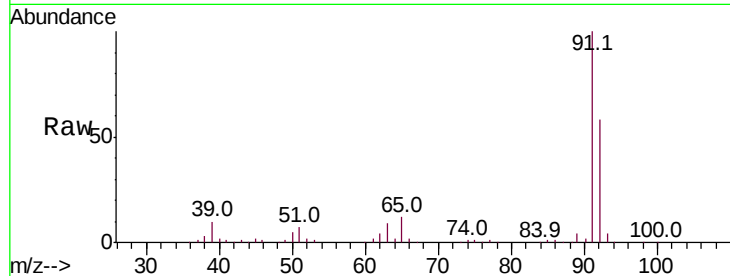
DB8R3MSD

Tot Ion: 91 Resp: 252697

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

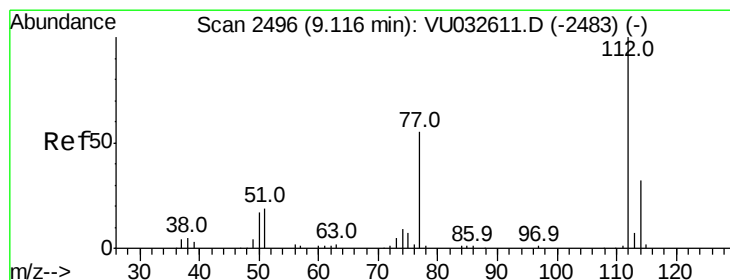
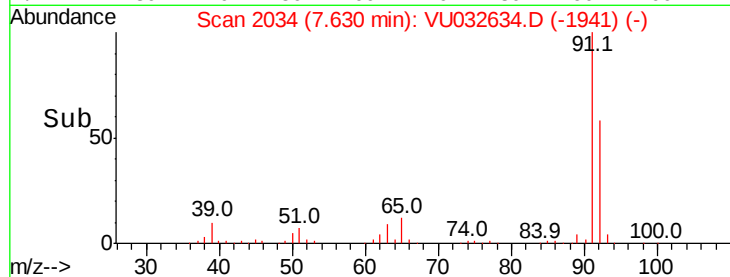
150000

100000

50000

0

Time-->



#51

Chlorobenzene

Concen: 52.974 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU032634.D

Acq: 12 Jun 2019 00:36

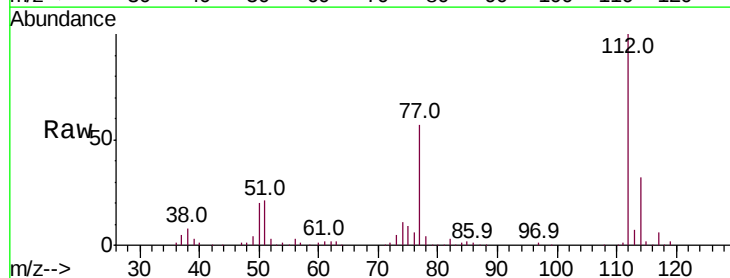
Tgt Ion: 112 Resp: 166629

Ion Ratio Lower Upper

112 100

114 32.1 22.6 42.0

77 57.4 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-->

