

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090320\
 Data File : VU040033.D
 Acq On : 03 Sep 2020 15:09
 Operator : SY/MD
 Sample : L3891-05MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW289MSD

Quant Time: Sep 04 03:23:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 04 02:55:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114273	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	111244	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52192	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27394	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.92	69	25319	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.58	63	72858	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.00%
20) 2-Butanone-d5	4.64	46	122335	49.02	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.04%
24) Chloroform-d	5.08	84	67959	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.72	65	42018	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.74	84	123707	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	42642	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	105218	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	8.19	79	17446	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.64	63	94531	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	38343	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	41587	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

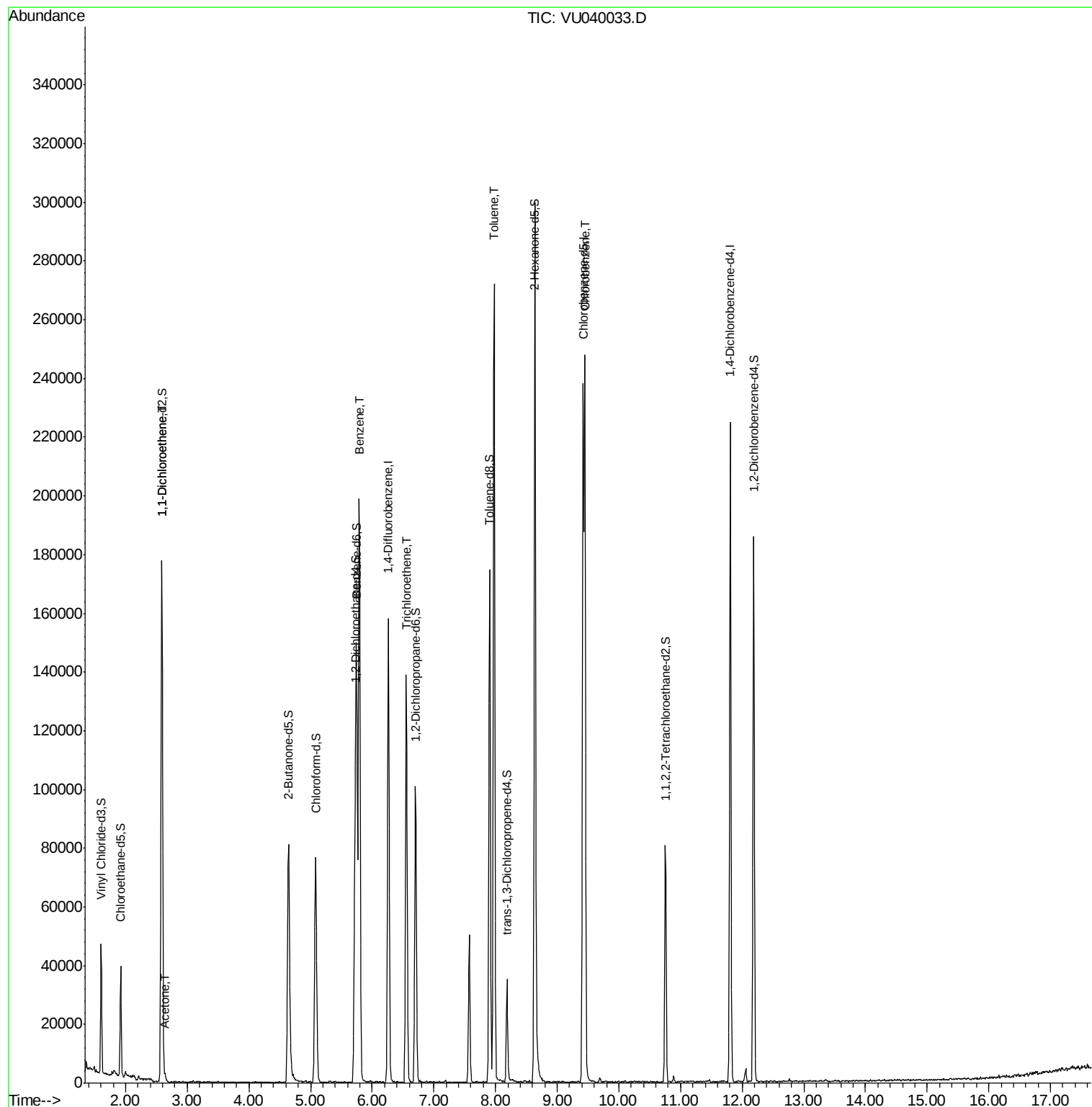
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	38960	4.406	ug/L	93
13) Acetone	2.64	43	2888	1.250	ug/L	97
33) Benzene	5.79	78	176290	4.430	ug/L	100
34) Trichloroethene	6.55	95	43889	4.111	ug/L	93
42) Toluene	7.98	91	179527	4.380	ug/L	99
51) Chlorobenzene	9.45	112	113639	4.466	ug/L	99

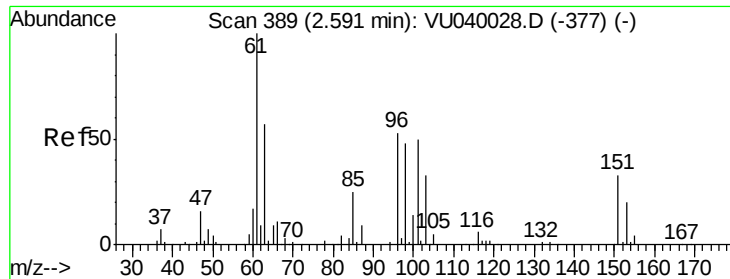
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.406 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

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EW289MSD

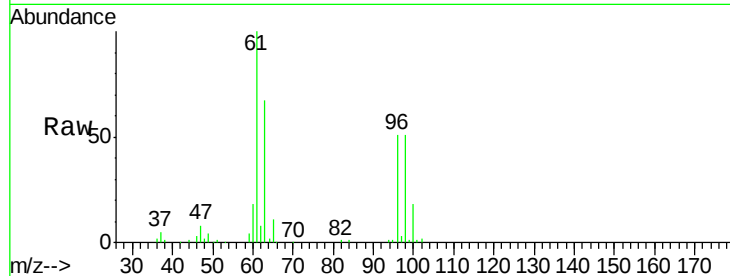
Tot Ion: 96 Resp: 38960

Ion Ratio Lower Upper

96 100

61 195.8 138.3 256.8

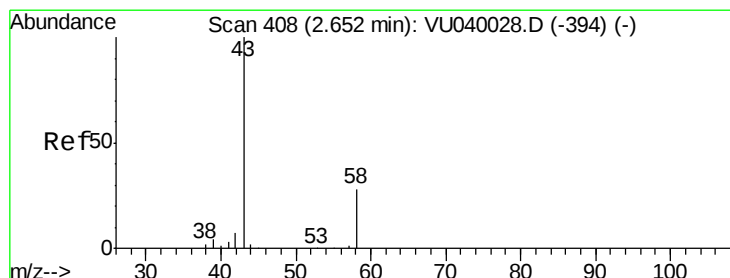
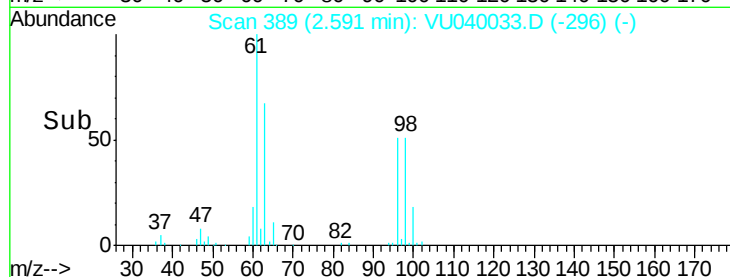
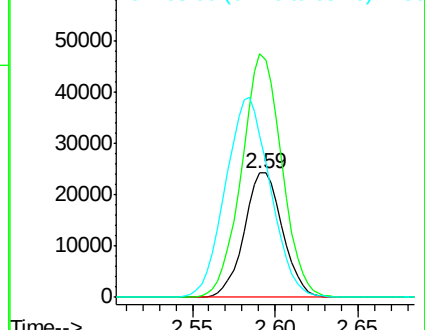
63 130.3 77.6 144.2



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: 1.250 ug/L

RT: 2.64 min Scan# 404

Delta R.T. -0.01 min

Lab File: VU040033.D

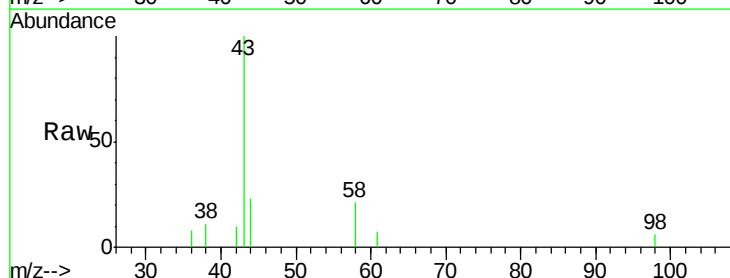
Acq: 03 Sep 2020 15:09

Tgt Ion: 43 Resp: 2888

Ion Ratio Lower Upper

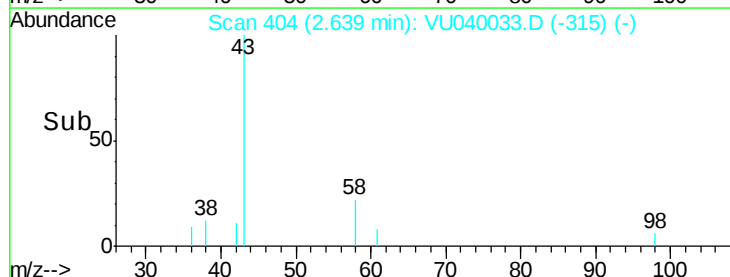
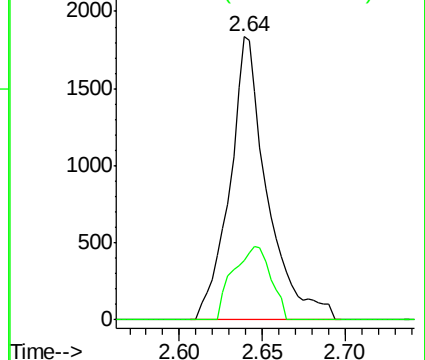
43 100

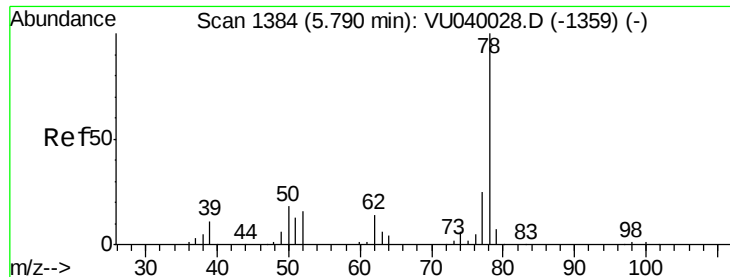
58 25.9 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#33

Benzene

Concen: 4.430 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. -0.00 min

Lab File: VU040033.D

Acq: 03 Sep 2020 15:09

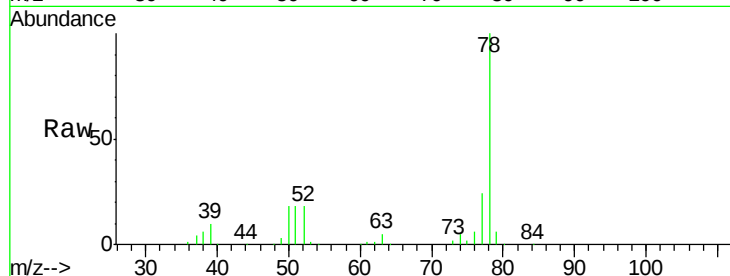
Instrument :

MSVOA_U

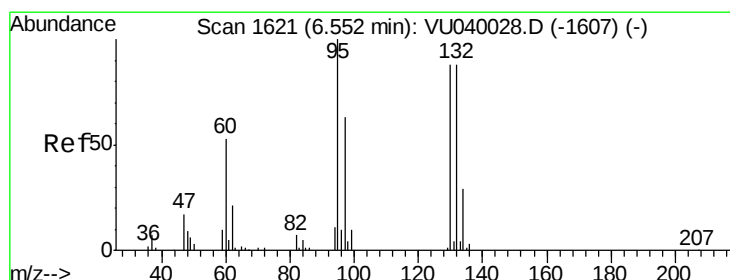
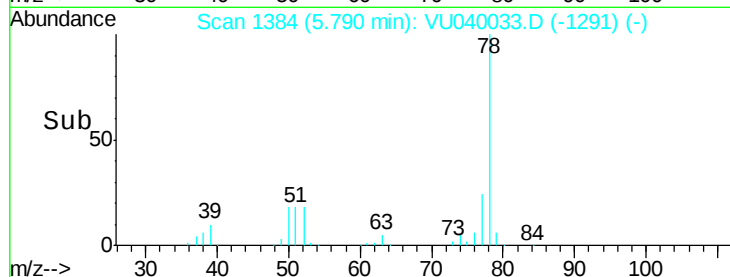
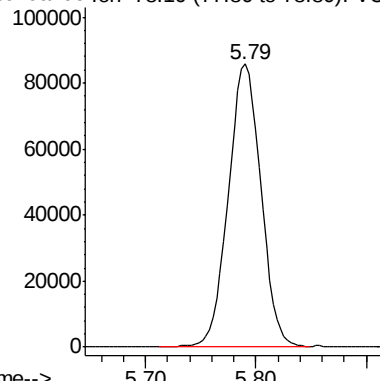
ClientSampleId :

EW289MSD

Tgt Ion: 78 Resp: 176290



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.111 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040033.D

Acq: 03 Sep 2020 15:09

Tgt Ion: 95 Resp: 43889

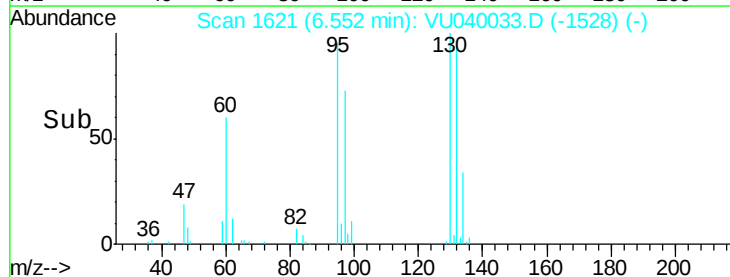
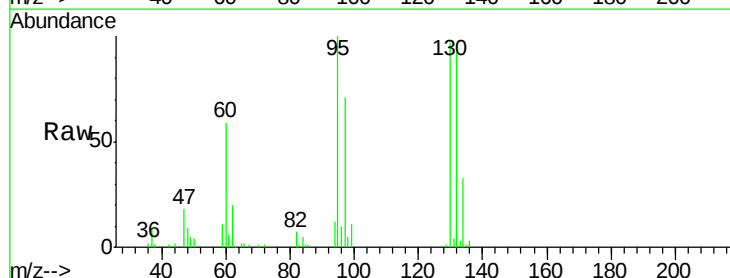
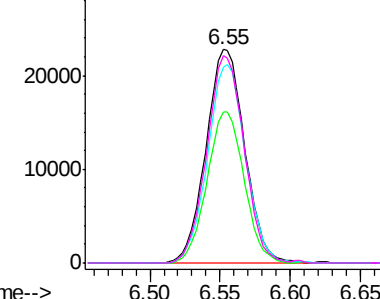
Ion	Ratio	Lower	Upper
95	100		
97	70.9	43.3	80.5
132	91.5	59.4	110.4
130	97.3	64.8	120.4

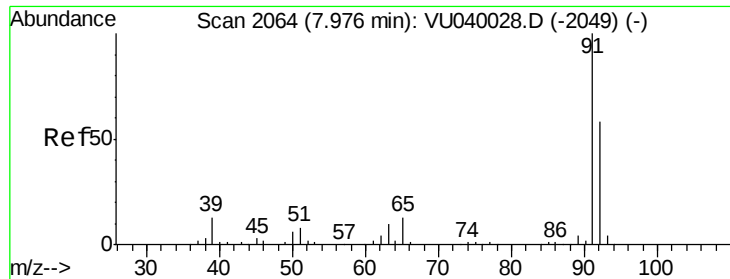
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.380 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040033.D

Acq: 03 Sep 2020 15:09

Instrument :

MSVOA_U

ClientSampleId :

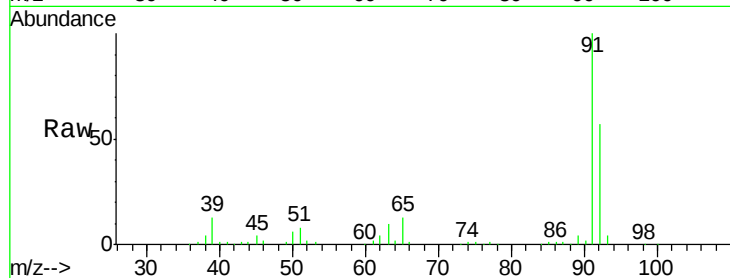
EW289MSD

Tot Ion: 91 Resp: 179527

Ion Ratio Lower Upper

91 100

92 57.1 40.7 75.5



Abundance Ion 91.15 (90.85 to 91.85): VU040028.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU040028.D (-2049) (-)

7.98

120000

100000

80000

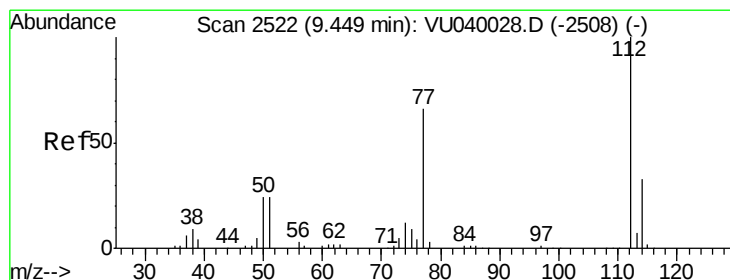
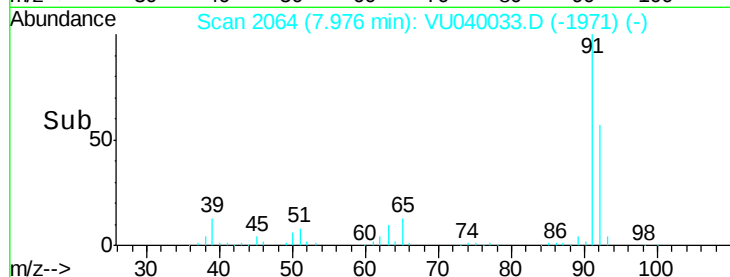
60000

40000

20000

0

Time-->



#51

Chlorobenzene

Concen: 4.466 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040033.D

Acq: 03 Sep 2020 15:09

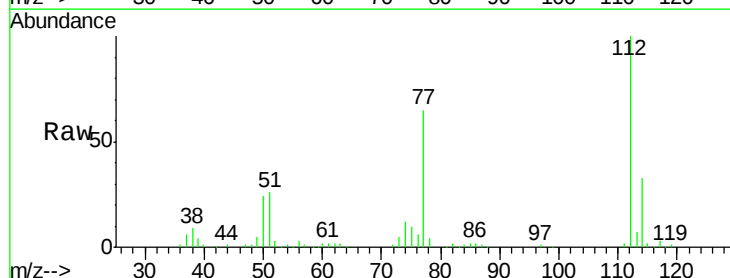
Tgt Ion: 112 Resp: 113639

Ion Ratio Lower Upper

112 100

114 32.8 22.7 42.3

77 65.1 53.2 79.8



Abundance Ion 112.10 (111.80 to 112.80): VU040028.D (-2508) (-)

Ion 114.05 (113.75 to 114.75): VU040028.D (-2508) (-)

Ion 77.10 (76.80 to 77.80): VU040028.D (-2508) (-)

9.45

80000

60000

40000

20000

0

Time-->

