

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU120920\
 Data File : VU041512.D
 Acq On : 09 Dec 2020 14:13
 Operator : SY/MD
 Sample : L4979-16MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1G4MSD

Quant Time: Dec 10 06:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 10 04:45:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	44062	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	49264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	25562	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	9166	4.05	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.00%
7) Chloroethane-d5	1.92	69	9329	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.58	63	26955	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.66	46	38388	45.23	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.46%
24) Chloroform-d	5.08	84	30363	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	21514	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.74	84	43518	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.70	67	12875	4.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.20%
41) Toluene-d8	7.90	98	40240	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
43) trans-1,3-Dichloropropene-	8.19	79	8228	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	29413	37.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	14901	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	23115	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

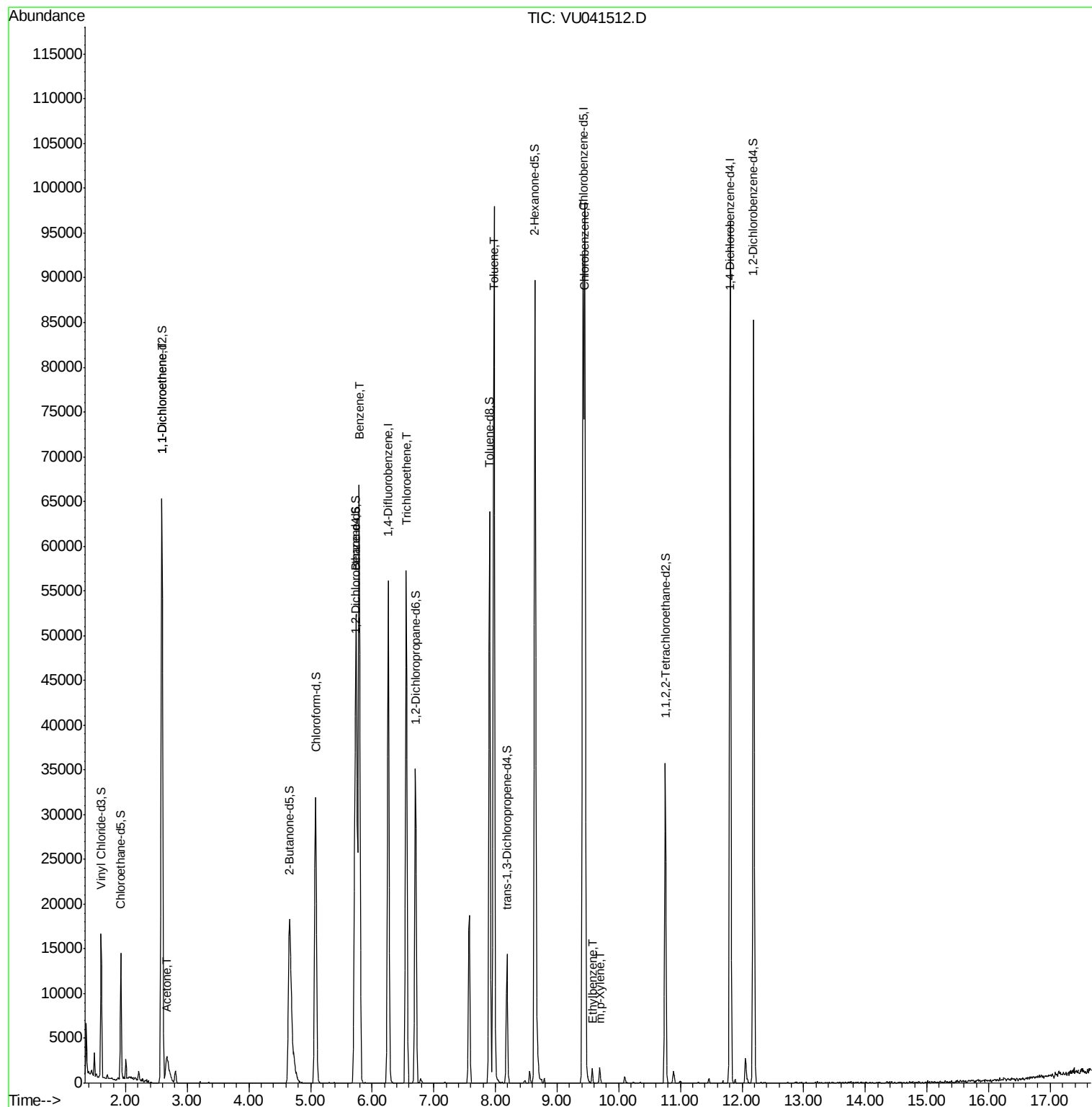
					Ovalue
12) 1,1-Dichloroethene	2.59	96	16023	6.212	ug/L 94
13) Acetone	2.66	43	8949	13.545	ug/L 63
33) Benzene	5.79	78	60386	4.952	ug/L 100
34) Trichloroethene	6.55	95	17788	4.833	ug/L 98
42) Toluene	7.98	91	68702	5.006	ug/L 100
51) Chlorobenzene	9.45	112	50413	5.512	ug/L 98
52) Ethylbenzene	9.57	91	1678	0.107	ug/L 89
53) m,p-Xylene	9.69	106	572	0.100	ug/L 78

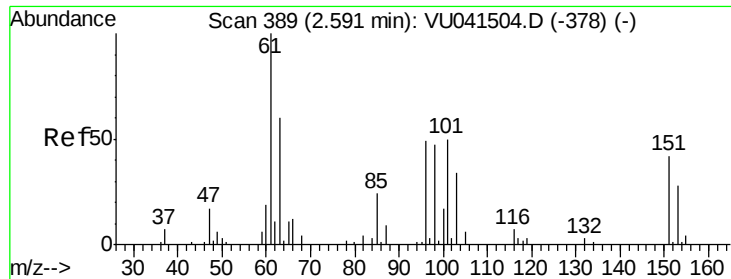
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 10 04:45:04 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.212 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041512.D

Acq: 09 Dec 2020 14:13

Instrument :

MSVOA_U

ClientSampleId :

GB1G4MSD

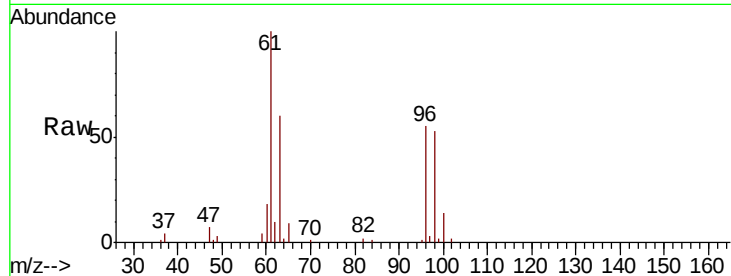
Tot Ion: 96 Resp: 16023

Ion Ratio Lower Upper

96 100

61 180.4 127.8 237.4

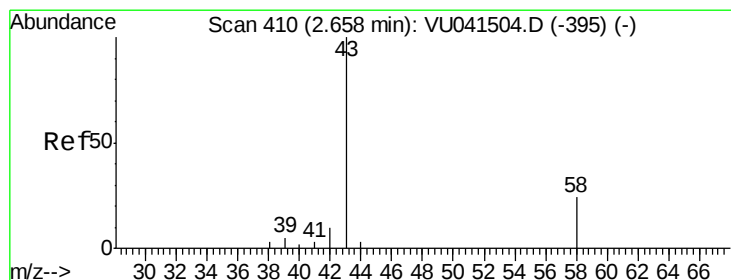
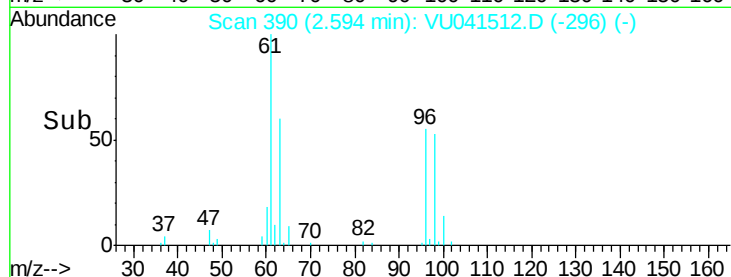
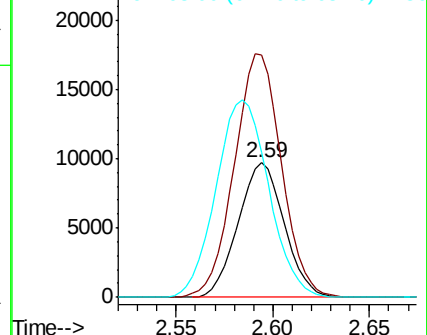
63 107.8 86.2 160.0



Abundance Ion 96.00 (95.70 to 96.70): VU041512.D (-296) (-)

Ion 61.05 (60.75 to 61.75): VU041512.D (-296) (-)

Ion 63.00 (62.70 to 63.70): VU041512.D (-296) (-)



#13

Acetone

Concen: 13.545 ug/L

RT: 2.66 min Scan# 412

Delta R.T. 0.01 min

Lab File: VU041512.D

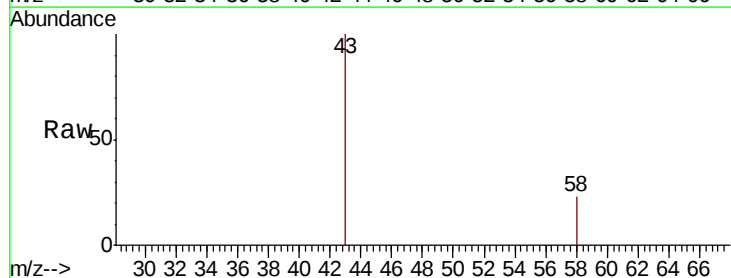
Acq: 09 Dec 2020 14:13

Tgt Ion: 43 Resp: 8949

Ion Ratio Lower Upper

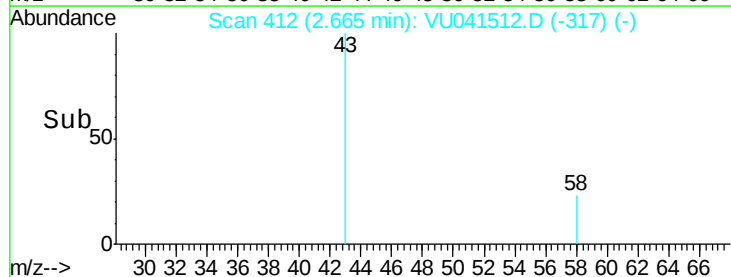
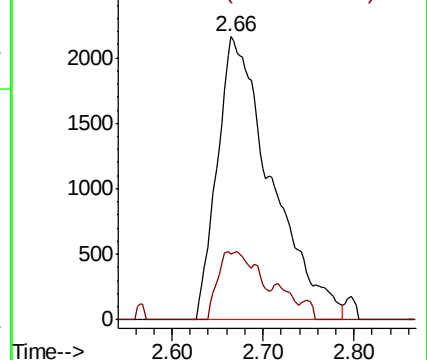
43 100

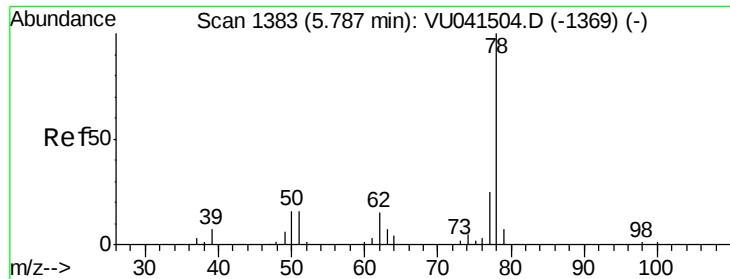
58 6.3 0.0 50.0



Abundance Ion 43.05 (42.75 to 43.75): VU041512.D (-317) (-)

Ion 58.05 (57.75 to 58.75): VU041512.D (-317) (-)





#33

Benzene

Concen: 4.952 ug/L

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU041512.D

Acq: 09 Dec 2020 14:13

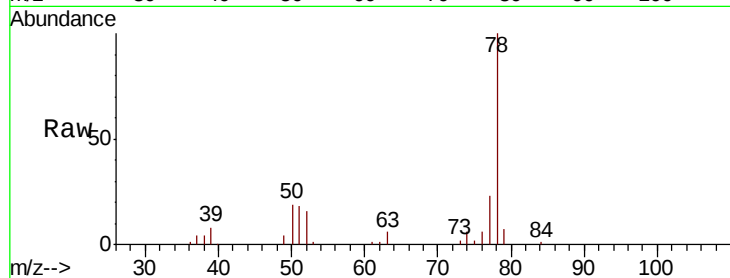
Instrument :

MSVOA_U

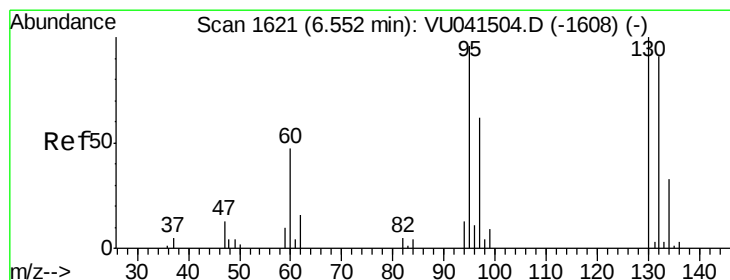
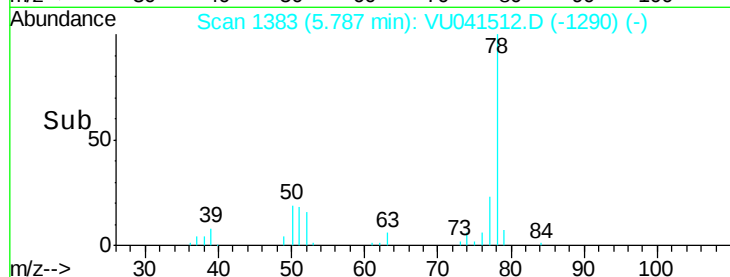
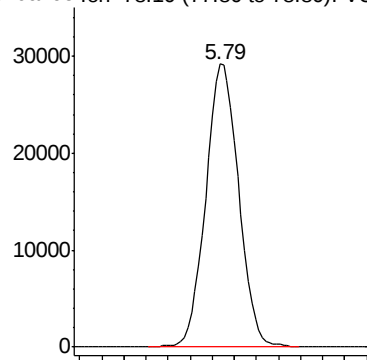
ClientSampleId :

GB1G4MSD

Tgt Ion: 78 Resp: 60386



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.833 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041512.D

Acq: 09 Dec 2020 14:13

Tgt Ion: 95 Resp: 17788

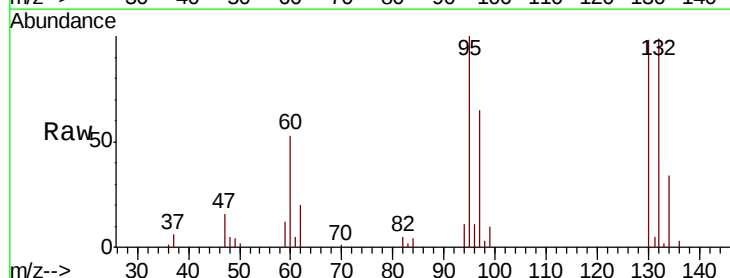
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.7	83.1
132	98.7	65.7	121.9
130	98.2	68.8	127.8

95 100

97 65.3 44.7 83.1

132 98.7 65.7 121.9

130 98.2 68.8 127.8

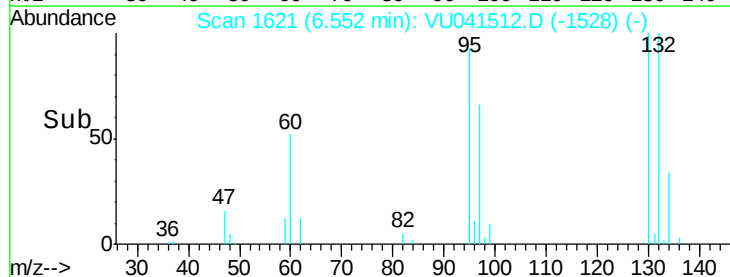


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



Abundance Ion 95.00 (94.70 to 95.70): VU0

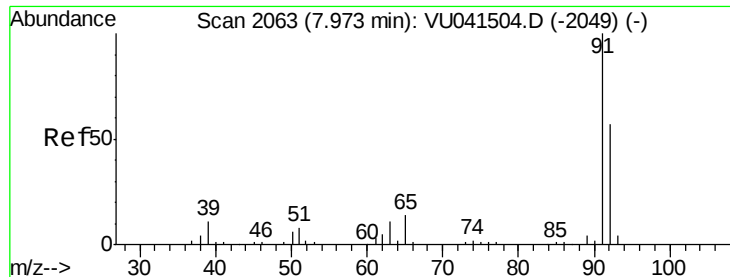
Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

6.55

Time-->



#42

Toluene

Concen: 5.006 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041512.D

Acq: 09 Dec 2020 14:13

Instrument :

MSVOA_U

ClientSampleId :

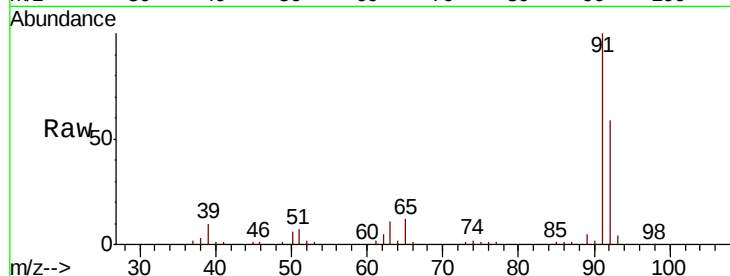
GB1G4MSD

Tot Ion: 91 Resp: 68702

Ion Ratio Lower Upper

91 100

92 58.7 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VU041512.D (-1970) (-)

Ion 92.15 (91.85 to 92.85): VU041512.D (-1970) (-)

7.98

40000

30000

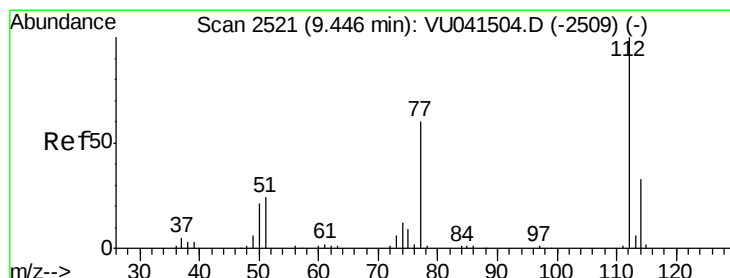
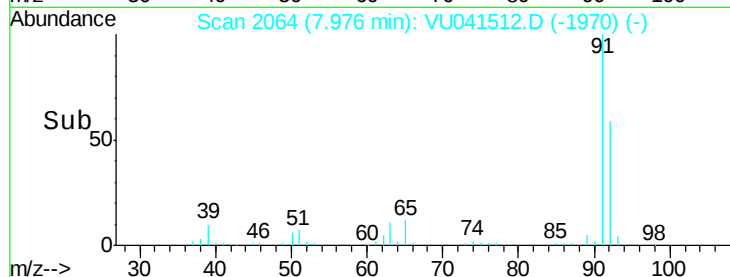
20000

10000

0

7.90 7.95 8.00 8.05

Time-->



#51

Chlorobenzene

Concen: 5.512 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041512.D

Acq: 09 Dec 2020 14:13

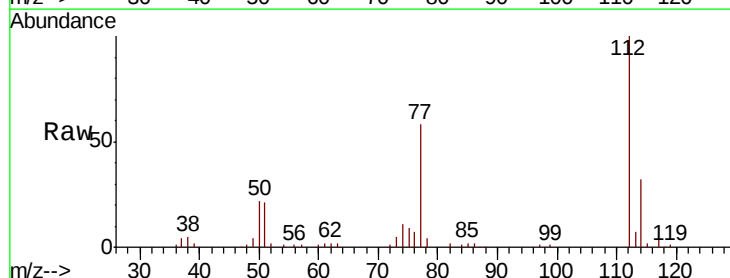
Tgt Ion: 112 Resp: 50413

Ion Ratio Lower Upper

112 100

114 32.2 22.7 42.1

77 58.5 48.2 72.2



Abundance Ion 112.10 (111.80 to 112.80): VU041512.D (-2428) (-)

Ion 114.05 (113.75 to 114.75): VU041512.D (-2428) (-)

Ion 77.10 (76.80 to 77.80): VU041512.D (-2428) (-)

9.45

40000

30000

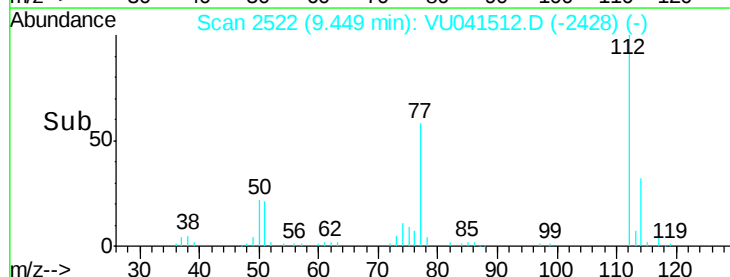
20000

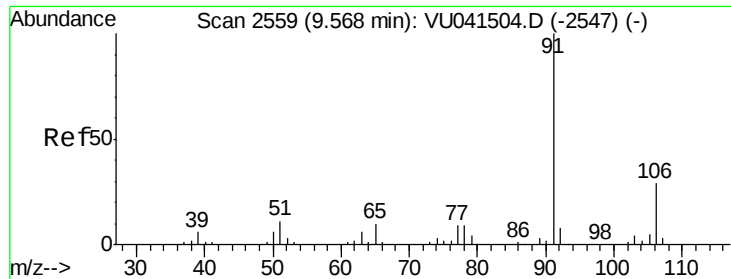
10000

0

9.35 9.40 9.45 9.50 9.55

Time-->





#52

Ethylbenzene

Concen: 0.107 ug/L

RT: 9.57 min Scan# 2560

Delta R.T. 0.00 min

Lab File: VU041512.D

Acq: 09 Dec 2020 14:13

Instrument :

MSVOA_U

ClientSampleId :

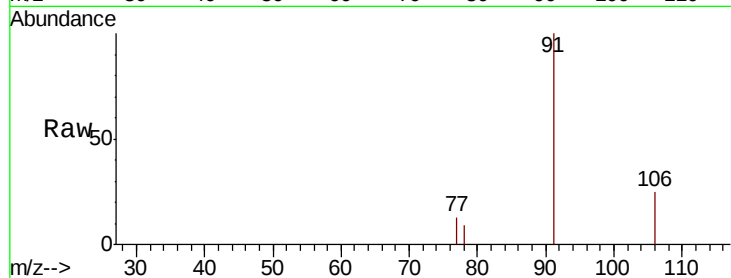
GB1G4MSD

Tot Ion: 91 Resp: 1678

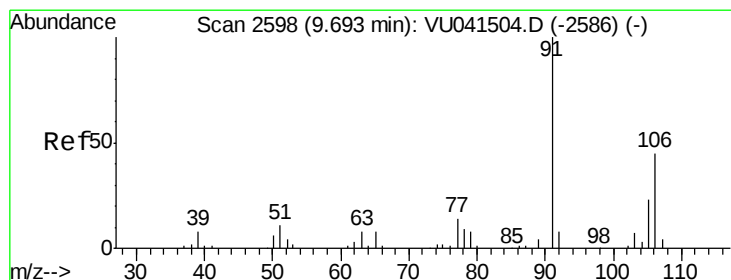
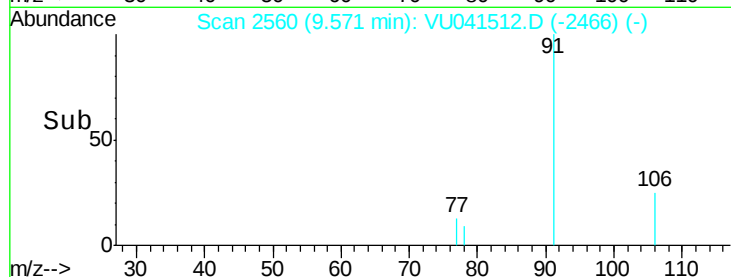
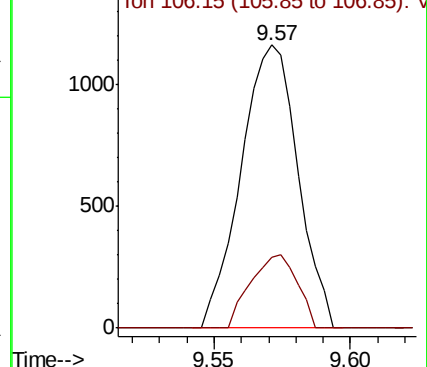
Ion Ratio Lower Upper

91 100

106 24.8 21.8 40.4



Abundance Ion 91.15 (90.85 to 91.85): VU041512.D (-2560) (-)



#53

m,p-Xylene

Concen: 0.100 ug/L

RT: 9.69 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VU041512.D

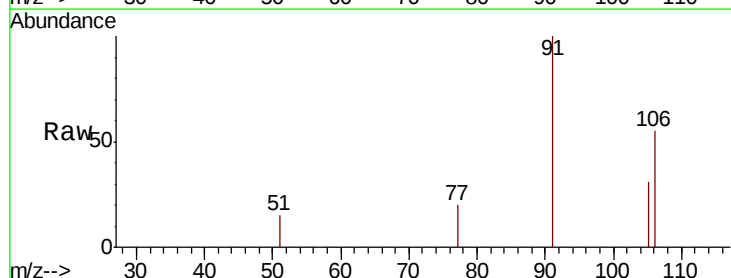
Acq: 09 Dec 2020 14:13

Tgt Ion: 106 Resp: 572

Ion Ratio Lower Upper

106 100

91 182.1 151.8 282.0



Abundance Ion 106.15 (105.85 to 106.85): VU041512.D (-2597) (-)

