

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041273.D
 Acq On : 17 Nov 2020 12:08
 Operator : SY/MD
 Sample : L4759-08MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4426MS

Quant Time: Nov 17 22:54:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 17 22:32:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	71517	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74401	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30989	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23366	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.92	69	21107	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.58	63	53114	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.80%
20) 2-Butanone-d5	4.65	46	95686	44.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.22%
24) Chloroform-d	5.08	84	53799	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.72	65	33370	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	5.74	84	95469	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.70	67	34433	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.91	98	78547	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	8.19	79	12938	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.64	63	69158	43.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.04%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29364	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	30905	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

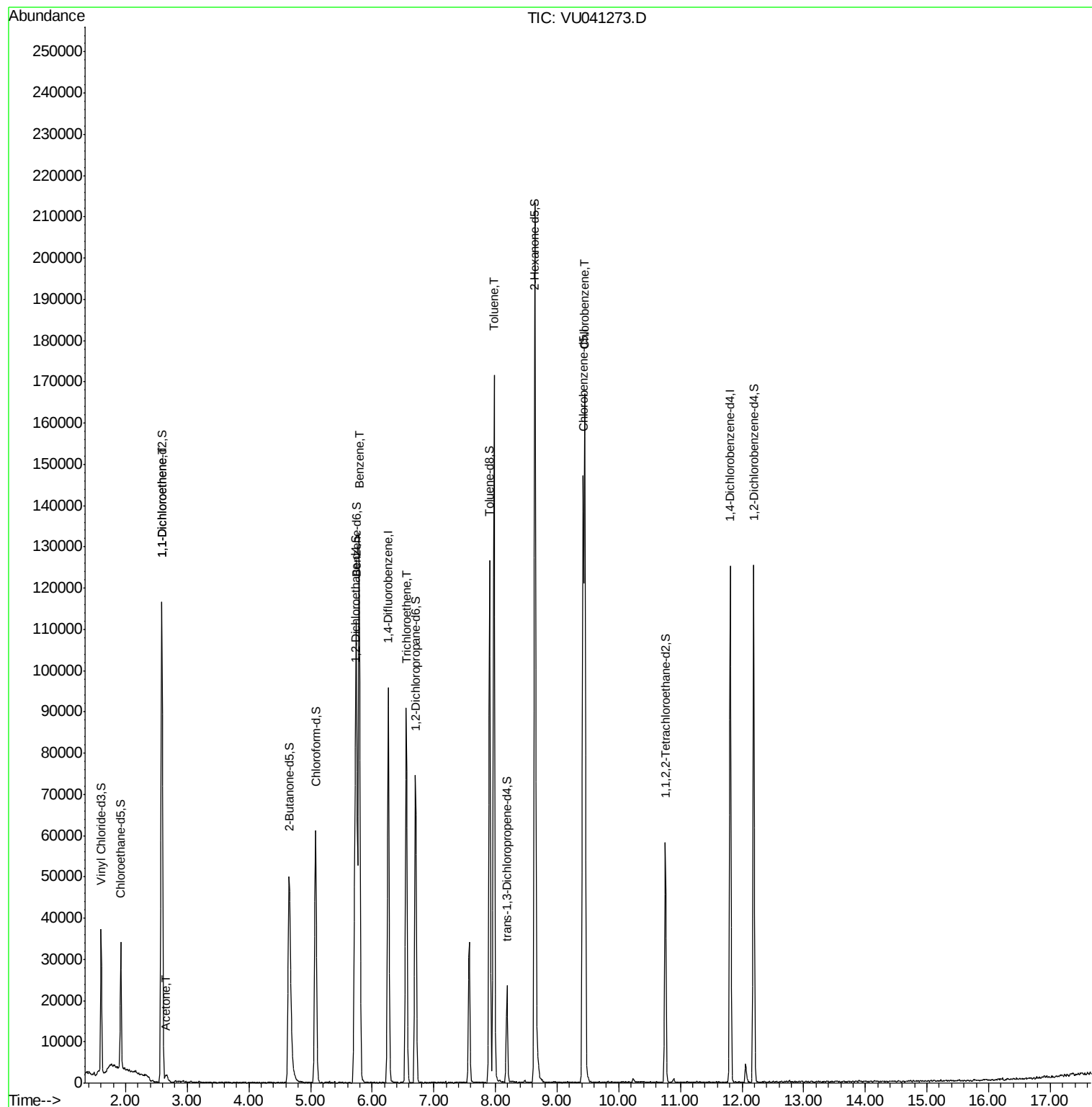
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.59	96	25887	5.561	ug/L 89
13) Acetone	2.66	43	4012	2.788	ug/L 81
33) Benzene	5.79	78	120616	5.982	ug/L 100
34) Trichloroethene	6.56	95	31291	5.742	ug/L 99
42) Toluene	7.98	91	118468	5.498	ug/L 97
51) Chlorobenzene	9.45	112	80533	5.643	ug/L 99

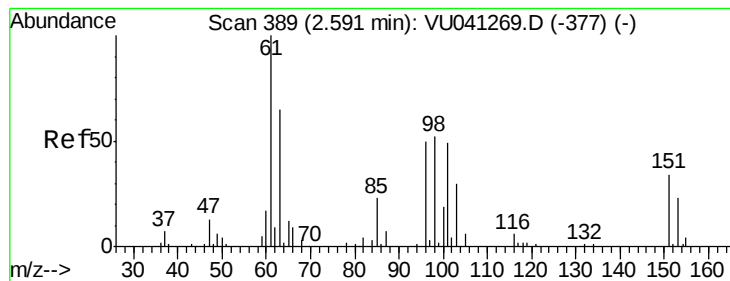
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 17 22:32:58 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.561 ug/L

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU041273.D

Acq: 17 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

H4426MS

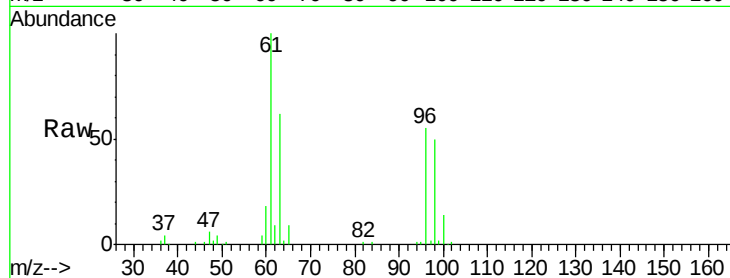
Tot Ion: 96 Resp: 25887

Ion Ratio Lower Upper

96 100

61 183.2 134.3 249.5

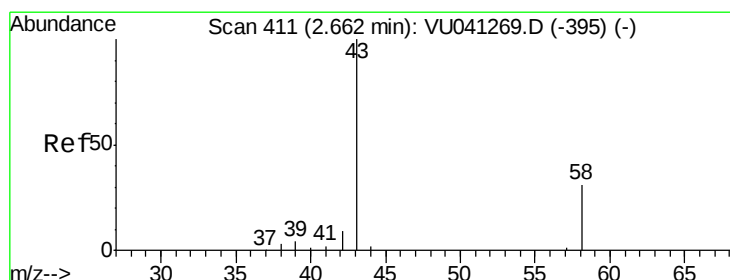
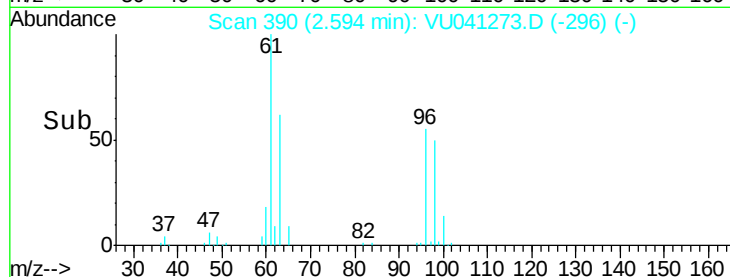
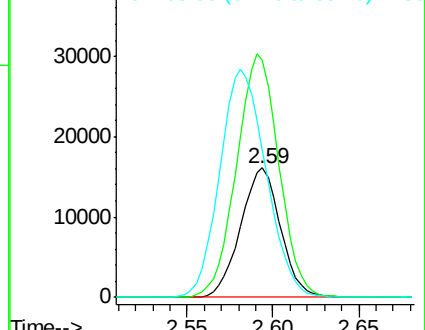
63 113.8 95.0 176.4



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: 2.788 ug/L

RT: 2.66 min Scan# 409

Delta R.T. -0.01 min

Lab File: VU041273.D

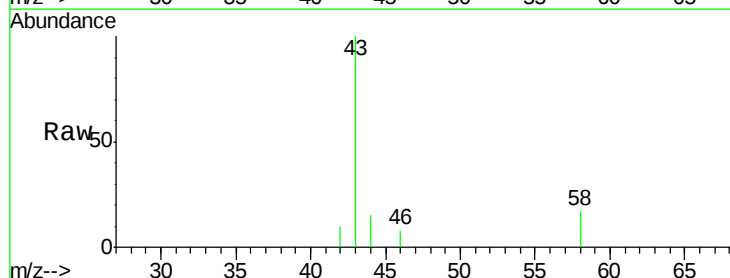
Acq: 17 Nov 2020 12:08

Tgt Ion: 43 Resp: 4012

Ion Ratio Lower Upper

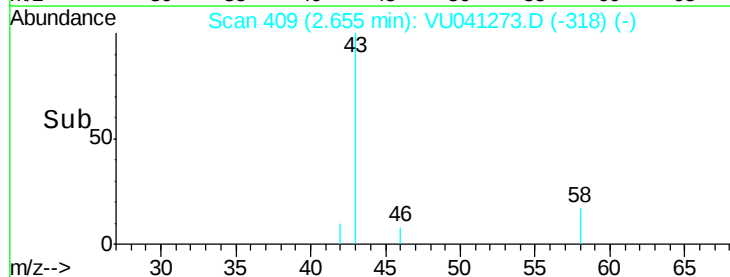
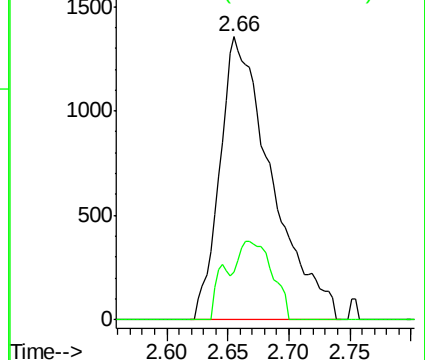
43 100

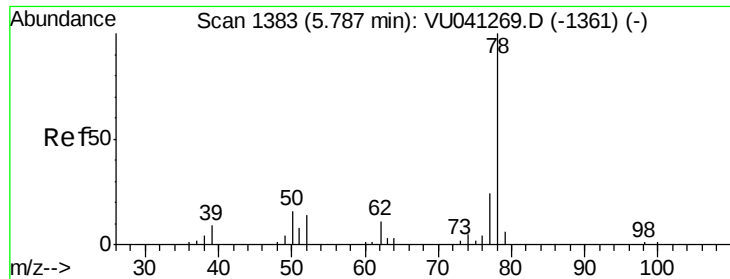
58 5.3 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#33

Benzene

Concen: 5.982 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041273.D

Acq: 17 Nov 2020 12:08

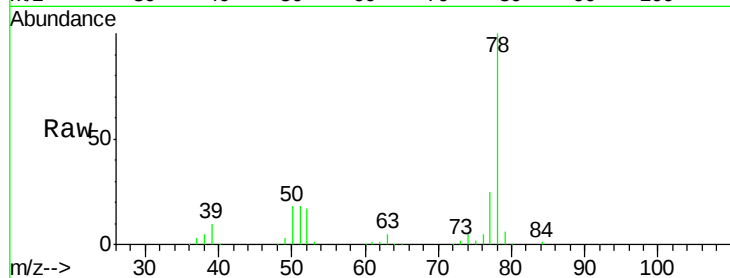
Instrument :

MSVOA_U

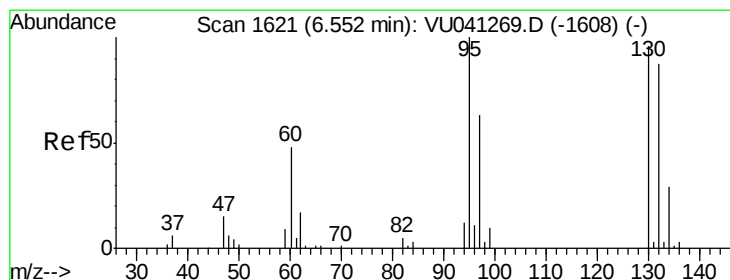
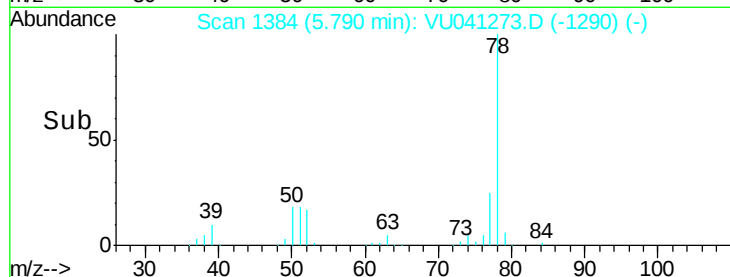
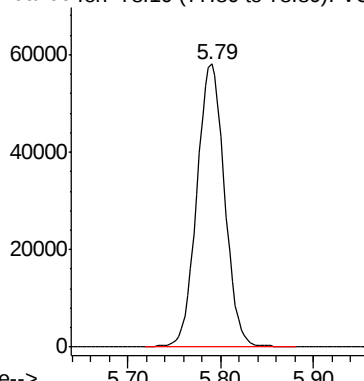
ClientSampleId :

H4426MS

Tgt Ion: 78 Resp: 120616



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.742 ug/L

RT: 6.56 min Scan# 1622

Delta R.T. 0.00 min

Lab File: VU041273.D

Acq: 17 Nov 2020 12:08

Tgt Ion: 95 Resp: 31291

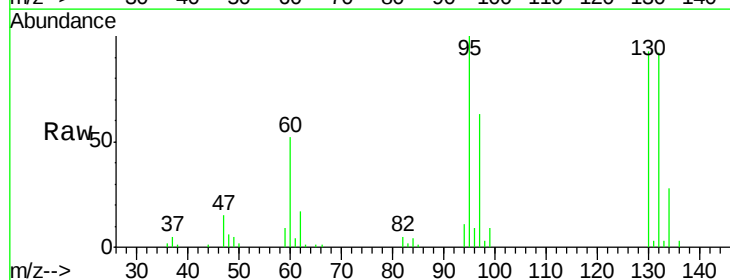
Ion	Ratio	Lower	Upper
95	100		
97	62.6	45.6	84.6
132	92.5	64.8	120.4
130	92.6	64.8	120.4

95 100

97 62.6 45.6 84.6

132 92.5 64.8 120.4

130 92.6 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

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

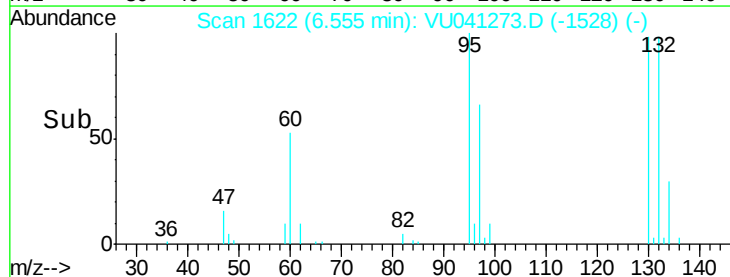
Ion 129.95 (129.65 to 130.65): V

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



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

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

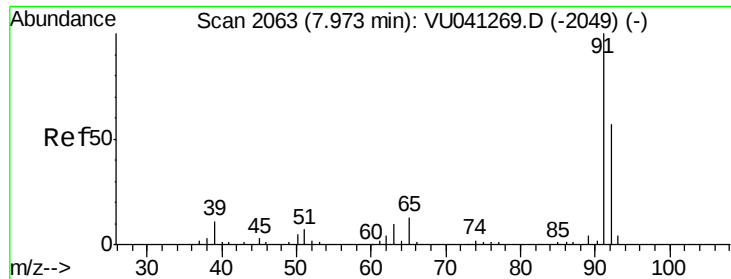
Ion 129.95 (129.65 to 130.65): V

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



#42

Toluene

Concen: 5.498 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041273.D

Acq: 17 Nov 2020 12:08

Instrument :

MSVOA_U

ClientSampleId :

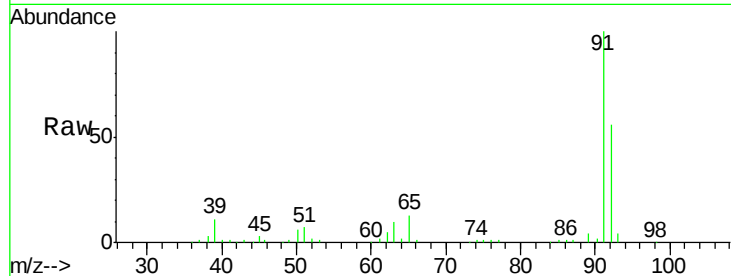
H4426MS

Tot Ion: 91 Resp: 118468

Ion Ratio Lower Upper

91 100

92 55.8 40.6 75.4



Abundance Ion 91.15 (90.85 to 91.85): VU041269.D (-2049) (-)

Ion 92.15 (91.85 to 92.85): VU041269.D (-2049) (-)

7.98

80000

60000

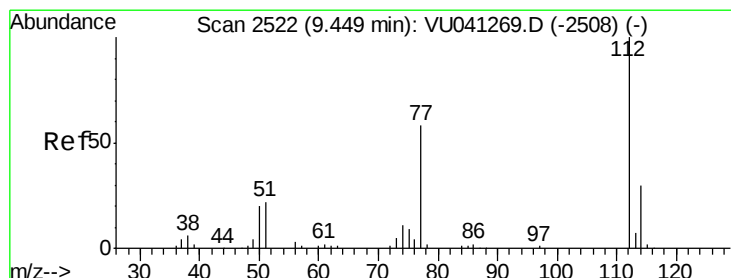
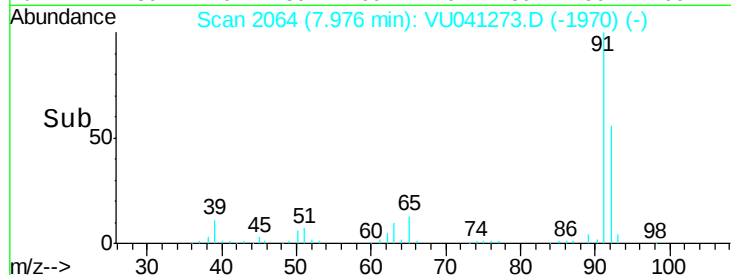
40000

20000

0

Time-->

7.90 7.95 8.00 8.05



#51

Chlorobenzene

Concen: 5.643 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU041273.D

Acq: 17 Nov 2020 12:08

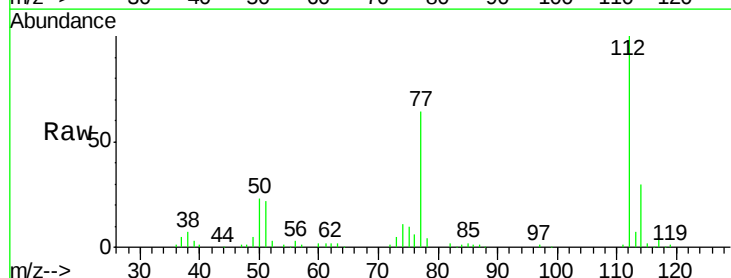
Tgt Ion: 112 Resp: 80533

Ion Ratio Lower Upper

112 100

114 30.5 22.4 41.6

77 64.3 51.2 76.8



Abundance Ion 112.10 (111.80 to 112.80): VU041269.D (-2508) (-)

Ion 114.05 (113.75 to 114.75): VU041269.D (-2508) (-)

Ion 77.10 (76.80 to 77.80): VU041269.D (-2508) (-)

9.45

60000

50000

40000

30000

20000

10000

0

Time-->

9.35 9.40 9.45 9.50 9.55

