

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111720\
 Data File : VU041274.D
 Acq On : 17 Nov 2020 12:31
 Operator : SY/MD
 Sample : L4759-09MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4426MSD

Quant Time: Nov 17 22:56:16 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	70983	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	30251	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24631	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.92	69	21895	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.58	63	53006	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	4.65	46	99138	46.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.10%
24) Chloroform-d	5.08	84	55157	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.72	65	33952	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.74	84	99090	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.70	67	34656	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.91	98	80270	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	13223	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.64	63	70882	45.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.10%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	29425	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	31843	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

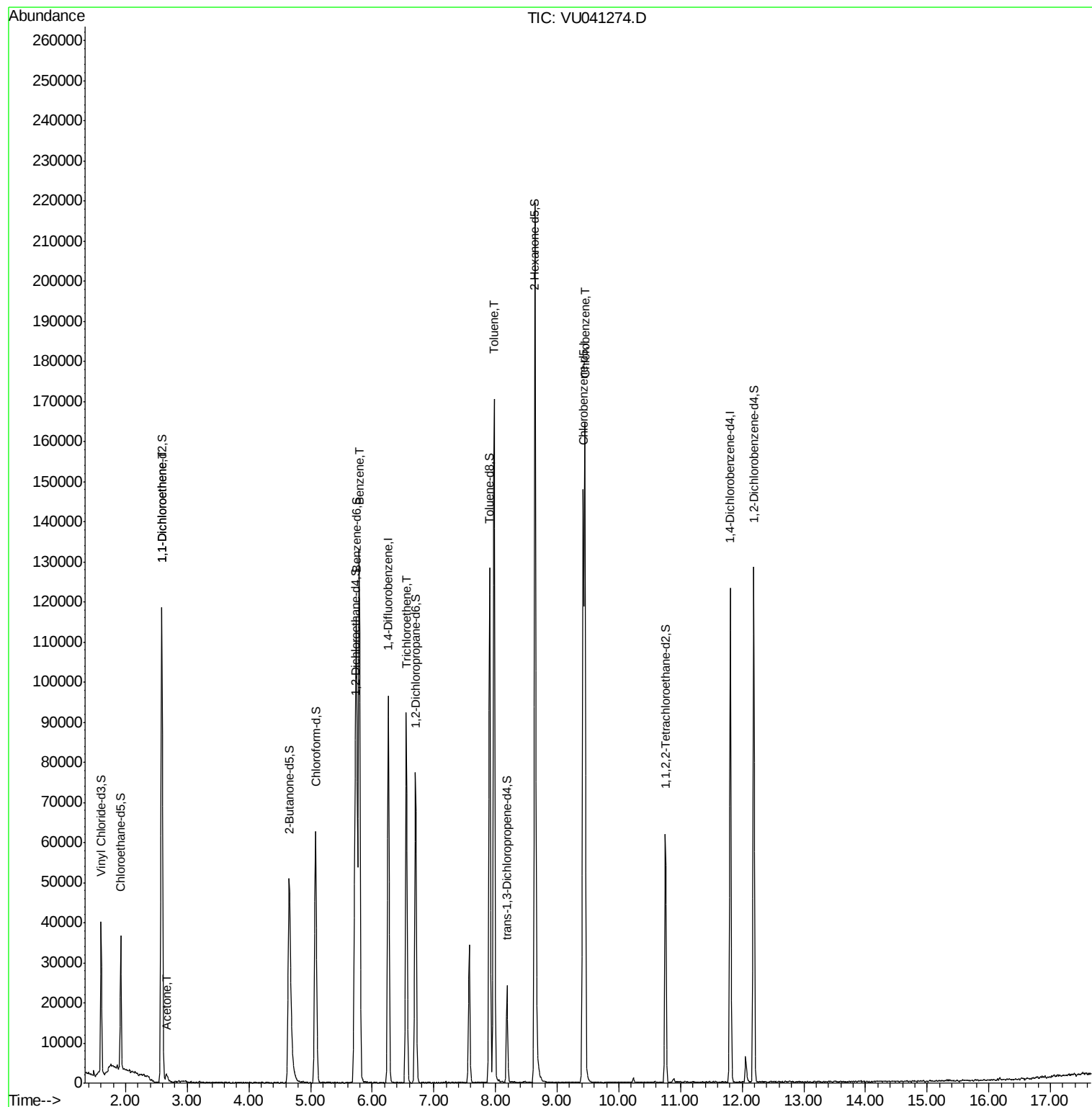
Target Compounds					Ovalue
12) 1,1-Dichloroethene	2.59	96	25154	5.444 ug/L	98
13) Acetone	2.66	43	4228	2.960 ug/L	95
33) Benzene	5.79	78	119311	5.976 ug/L	100
34) Trichloroethene	6.55	95	29909	5.543 ug/L	97
42) Toluene	7.98	91	115341	5.406 ug/L	99
51) Chlorobenzene	9.45	112	79513	5.626 ug/L	99

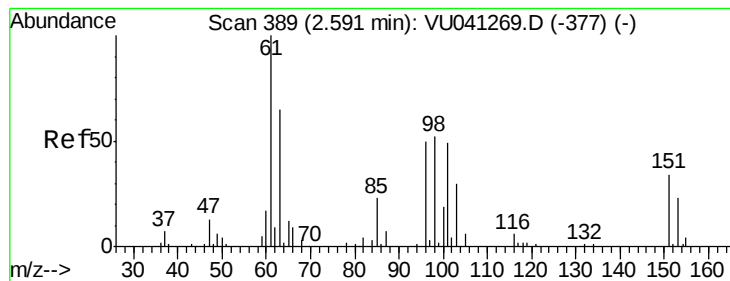
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.444 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

H4426MSD

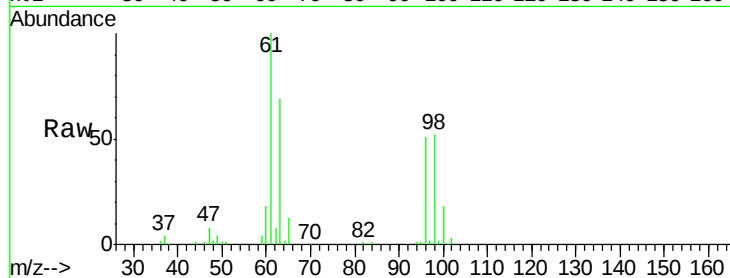
Tot Ion: 96 Resp: 25154

Ion Ratio Lower Upper

96 100

61 195.6 134.3 249.5

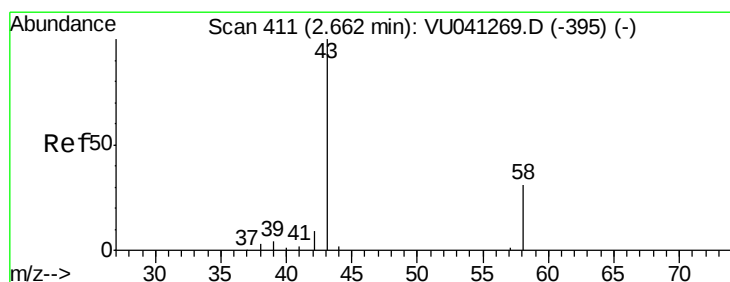
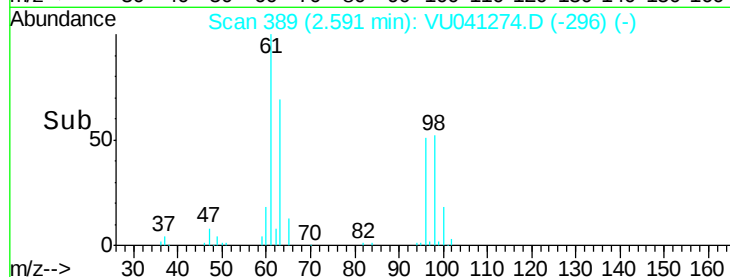
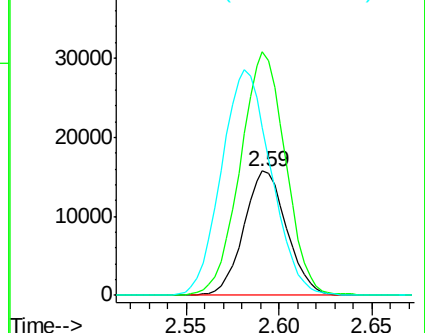
63 135.4 95.0 176.4



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: 2.960 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU041274.D

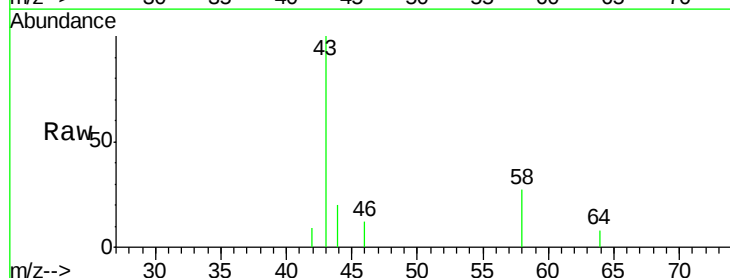
Acq: 17 Nov 2020 12:31

Tgt Ion: 43 Resp: 4228

Ion Ratio Lower Upper

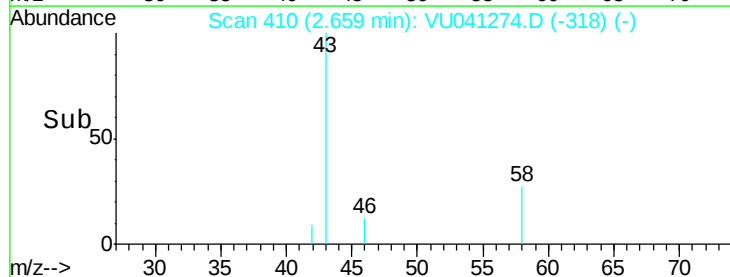
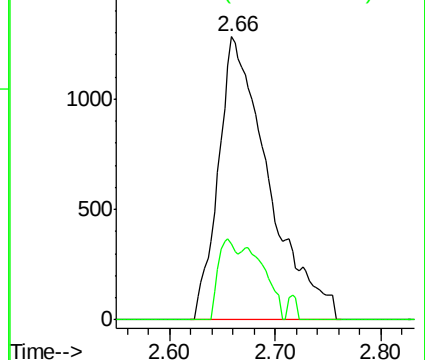
43 100

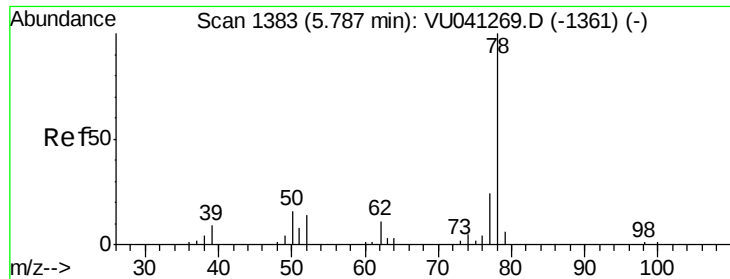
58 10.7 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#33

Benzene

Concen: 5.976 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041274.D

Acq: 17 Nov 2020 12:31

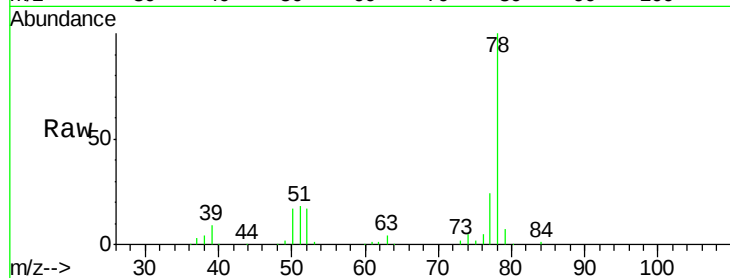
Instrument :

MSVOA_U

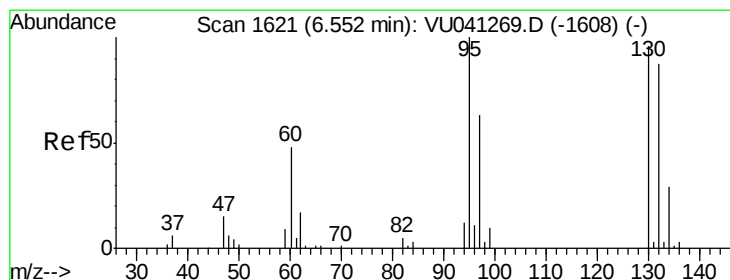
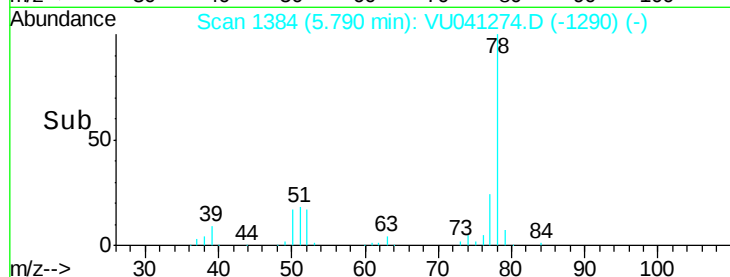
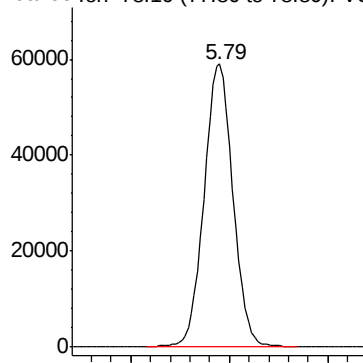
ClientSampleId :

H4426MSD

Tgt Ion: 78 Resp: 119311



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 5.543 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU041274.D

Acq: 17 Nov 2020 12:31

Tgt Ion: 95 Resp: 29909

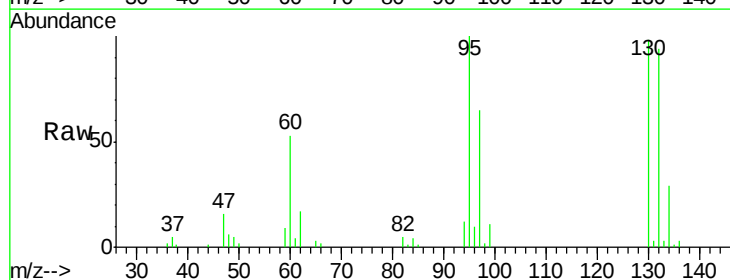
Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.6	84.6
132	93.9	64.8	120.4
130	98.3	64.8	120.4

95 100

97 64.6 45.6 84.6

132 93.9 64.8 120.4

130 98.3 64.8 120.4

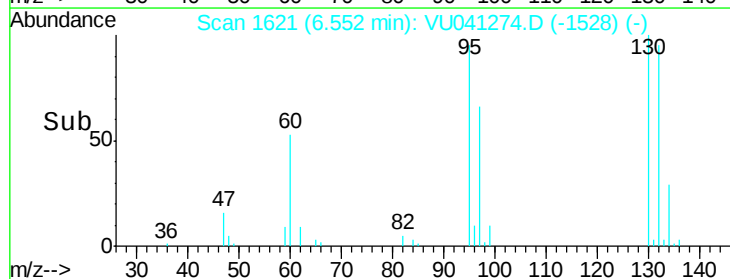
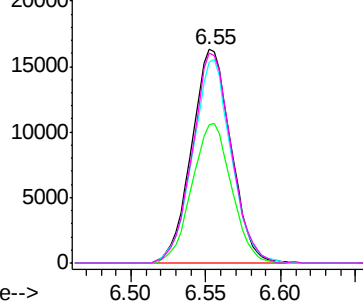


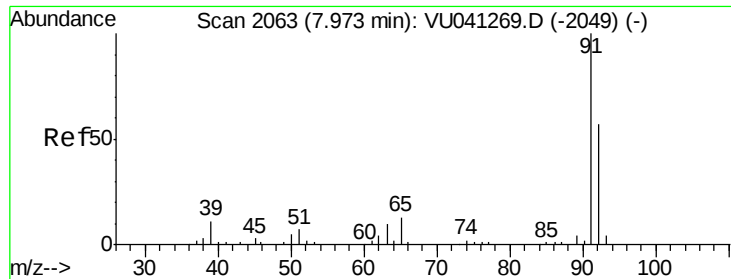
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 5.406 ug/L

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU041274.D

Acq: 17 Nov 2020 12:31

Instrument :

MSVOA_U

ClientSampleId :

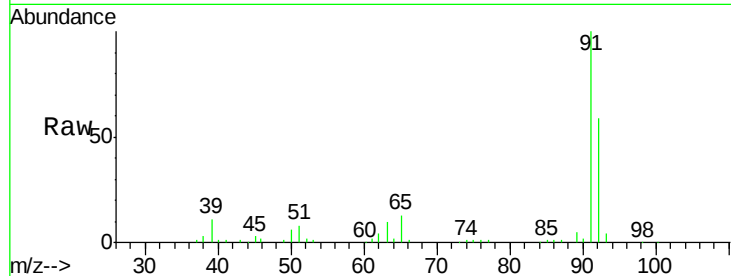
H4426MSD

Tot Ion: 91 Resp: 115341

Ion Ratio Lower Upper

91 100

92 58.5 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

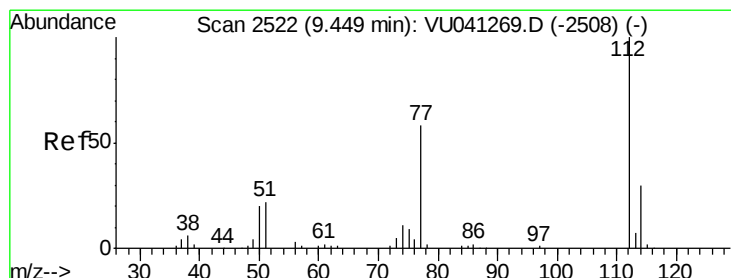
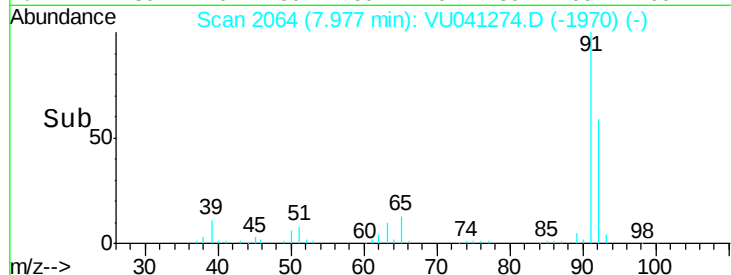
60000

40000

20000

0

Time-->



#51

Chlorobenzene

Concen: 5.626 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. 0.00 min

Lab File: VU041274.D

Acq: 17 Nov 2020 12:31

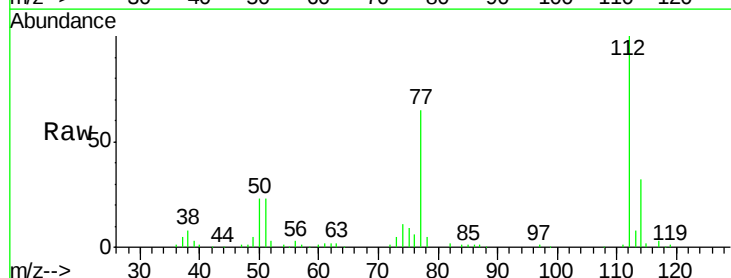
Tgt Ion: 112 Resp: 79513

Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 64.8 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-->

