

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011020\
 Data File : VU036433.D
 Acq On : 10 Jan 2020 17:18
 Operator : JC/MD
 Sample : L1090-05MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1MSD

Quant Time: Jan 10 23:35:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 10 22:57:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	478505	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	449445	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	174922	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	121724	32.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.30%
7) Chloroethane-d5	1.93	69	123990	39.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.84%
11) 1,1-Dichloroethene-d2	2.59	63	257159	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
21) 2-Butanone-d5	4.68	46	291787	105.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.09%
24) Chloroform-d	5.11	84	303845	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.75	65	214247	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.30%
32) Benzene-d6	5.77	84	599154	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.76%
36) 1,2-Dichloropropane-d6	6.73	67	202167	48.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.36%
41) Toluene-d8	7.93	98	563251	46.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.78%
43) trans-1,3-Dichloropropene-	8.21	79	101766	44.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.38%
47) 2-Hexanone-d5	8.67	63	209860	96.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.96%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	307174	48.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.52%
64) 1,2-Dichlorobenzene-d4	12.21	152	174478	47.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.10%

Target Compounds

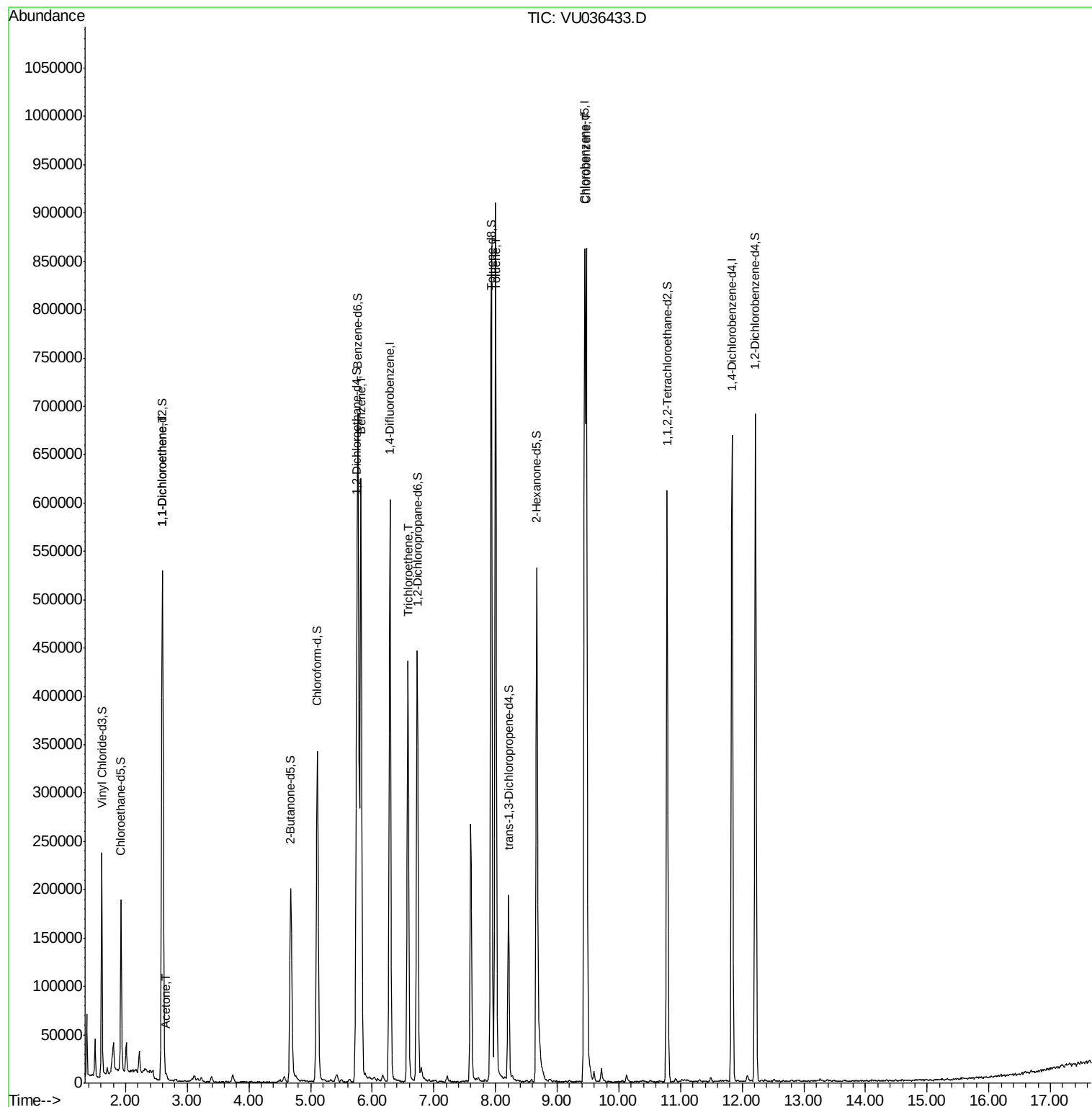
					Ovalue
12) 1,1-Dichloroethene	2.61	96	100560	36.317 ug/L	93
13) Acetone	2.66	43	5230	1.816 ug/L	95
33) Benzene	5.82	78	570546	43.214 ug/L	100
34) Trichloroethene	6.58	95	143394	42.128 ug/L	96
42) Toluene	8.00	91	641898	44.152 ug/L	99
51) Chlorobenzene	9.48	112	427558	46.594 ug/L	99

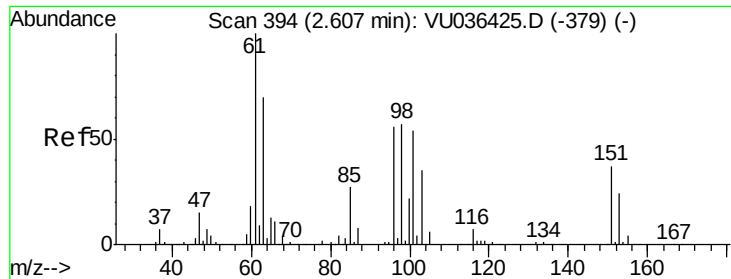
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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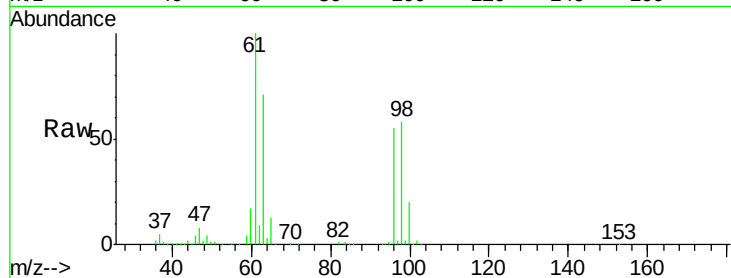




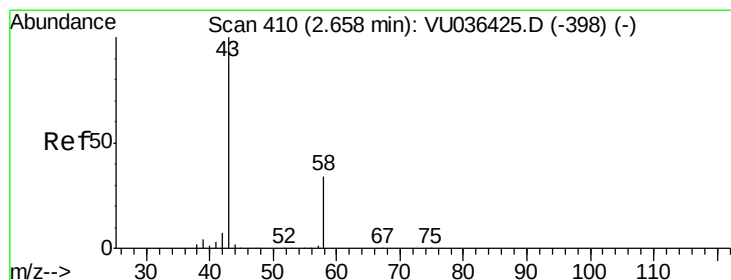
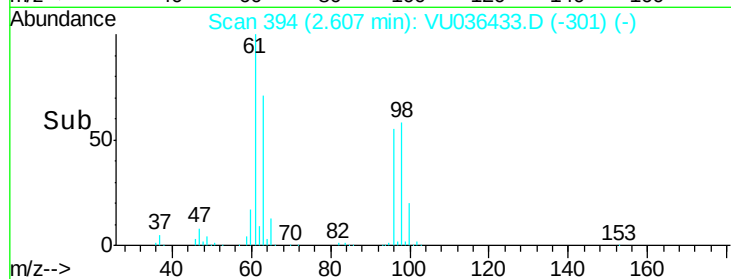
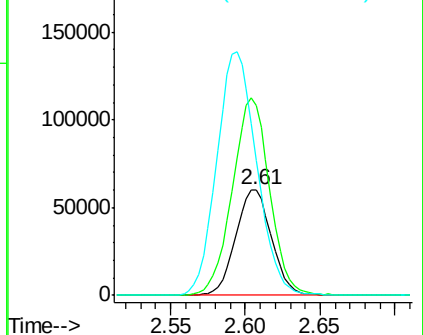
#12
 1,1-Dichloroethene
 Concen: 36.317 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU036433.D
 Acq: 10 Jan 2020 17:18

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1MSD

Tot Ion: 96 Resp: 100560
 Ion Ratio Lower Upper
 96 100
 61 180.4 120.9 224.5
 63 127.5 81.8 152.0

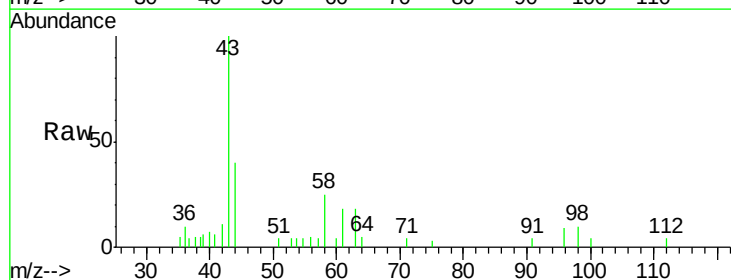


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

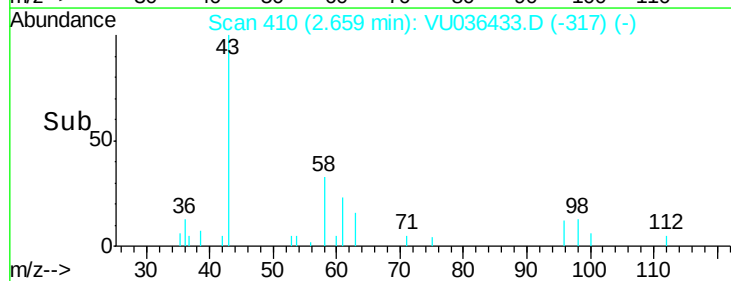
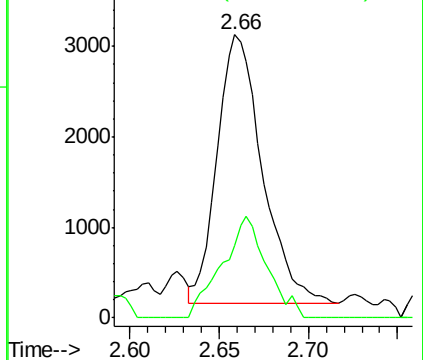


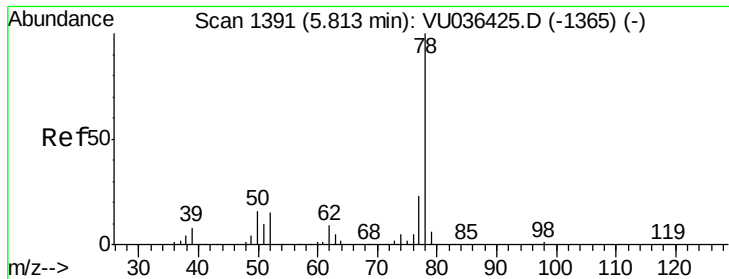
#13
 Acetone
 Concen: 1.816 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU036433.D
 Acq: 10 Jan 2020 17:18

Tgt Ion: 43 Resp: 5230
 Ion Ratio Lower Upper
 43 100
 58 36.0 0.0 66.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

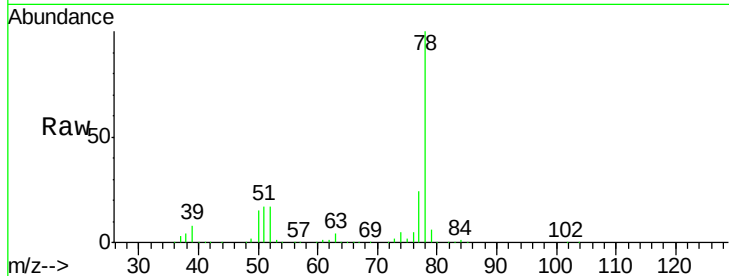




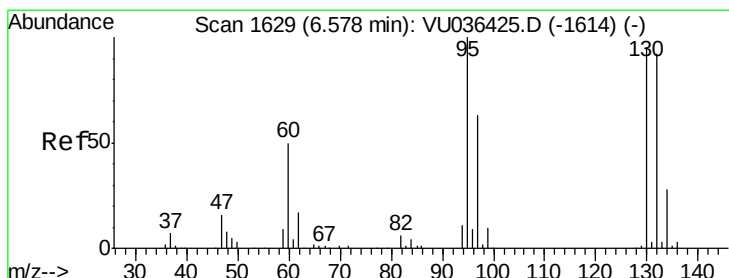
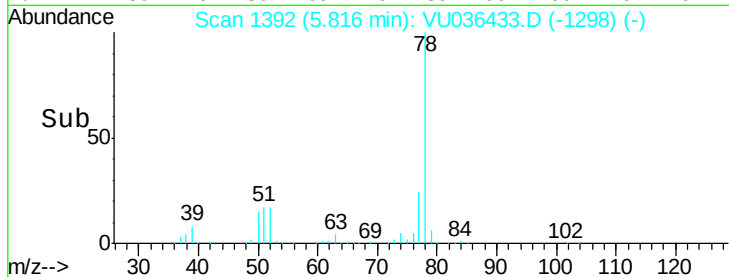
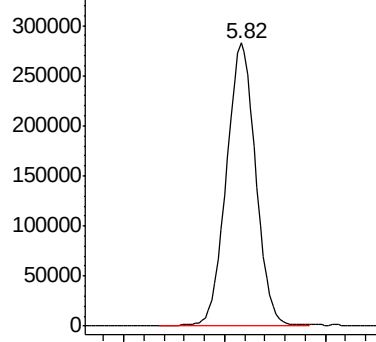
#33
Benzene
Concen: 43.214 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU036433.D
Acq: 10 Jan 2020 17:18

Instrument :
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ETOQ1MSD

Tgt Ion: 78 Resp: 570546



Abundance Ion 78.00 (77.70 to 78.70): VU0

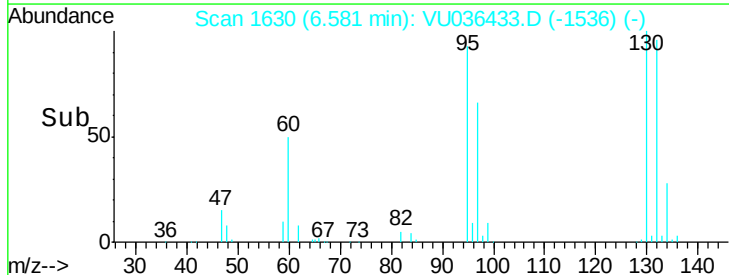
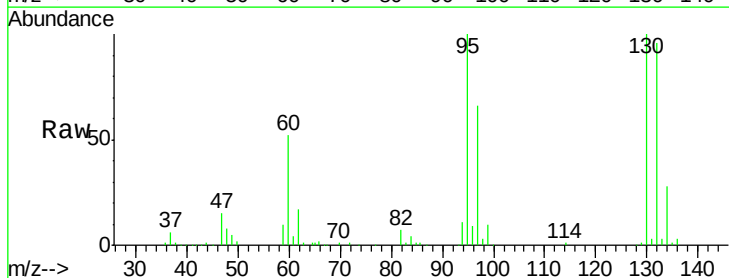
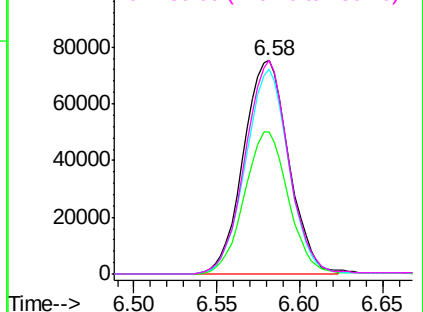


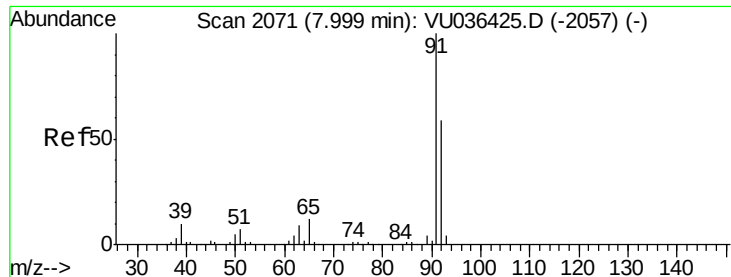
#34
Trichloroethene
Concen: 42.128 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036433.D
Acq: 10 Jan 2020 17:18

Tgt Ion: 95 Resp: 143394
Ion Ratio Lower Upper
95 100
97 66.5 44.5 82.7
132 95.7 64.5 119.9
130 100.1 66.6 123.8

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: 44.152 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036433.D

Acq: 10 Jan 2020 17:18

Instrument :

MSVOA_U

ClientSampleId :

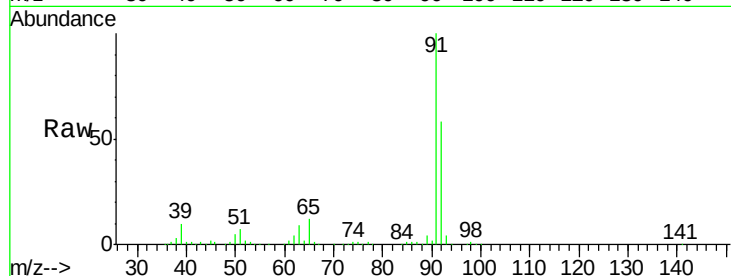
ETOQ1MSD

Tot Ion: 91 Resp: 641898

Ion Ratio Lower Upper

91 100

92 57.8 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU036425.D (-2057) (-)

Ion 92.00 (91.70 to 92.70): VU036425.D (-2057) (-)

8.00

400000

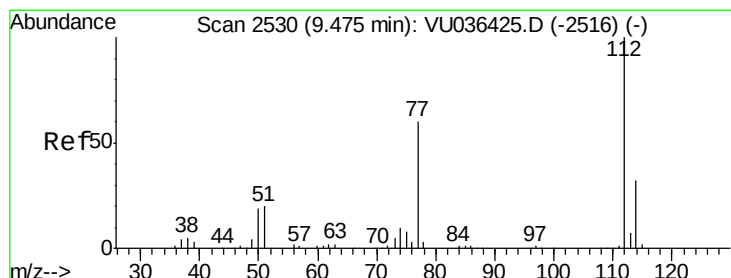
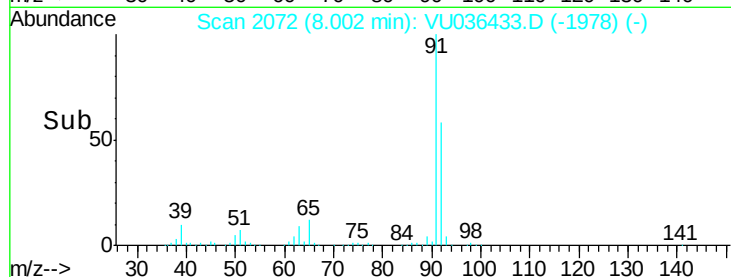
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 46.594 ug/L

RT: 9.48 min Scan# 2530

Delta R.T. 0.00 min

Lab File: VU036433.D

Acq: 10 Jan 2020 17:18

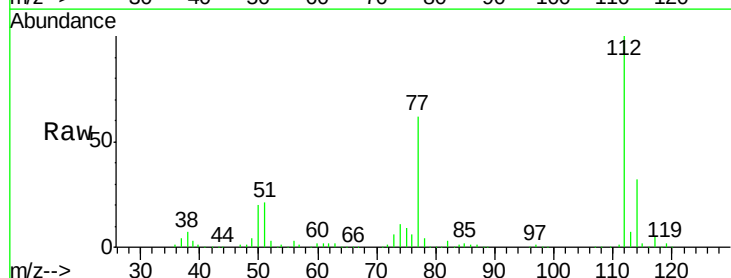
Tgt Ion: 112 Resp: 427558

Ion Ratio Lower Upper

112 100

114 32.1 22.5 41.7

77 62.5 48.7 73.1



Abundance Ion 112.00 (111.70 to 112.70): VU036425.D (-2516) (-)

Ion 114.00 (113.70 to 114.70): VU036425.D (-2516) (-)

Ion 77.00 (76.70 to 77.70): VU036425.D (-2516) (-)

9.48

300000

200000

100000

0

Time-->

