

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011020\
 Data File : VU036432.D
 Acq On : 10 Jan 2020 16:53
 Operator : JC/MD
 Sample : L1090-04MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1MS

Quant Time: Jan 10 23:30:14 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	472906	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	455175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	172791	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	122450	33.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.46%
7) Chloroethane-d5	1.93	69	121197	38.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.98%
11) 1,1-Dichloroethene-d2	2.59	63	258568	41.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.38%
21) 2-Butanone-d5	4.68	46	287804	104.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.88%
24) Chloroform-d	5.11	84	311334	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.82%
26) 1,2-Dichloroethane-d4	5.75	65	217599	51.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.06%
32) Benzene-d6	5.77	84	610363	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.34%
36) 1,2-Dichloropropane-d6	6.73	67	204261	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.12%
41) Toluene-d8	7.93	98	564483	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.21	79	102356	44.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.76%
47) 2-Hexanone-d5	8.67	63	208459	95.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.10%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	311475	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	12.22	152	171936	47.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.88%

Target Compounds

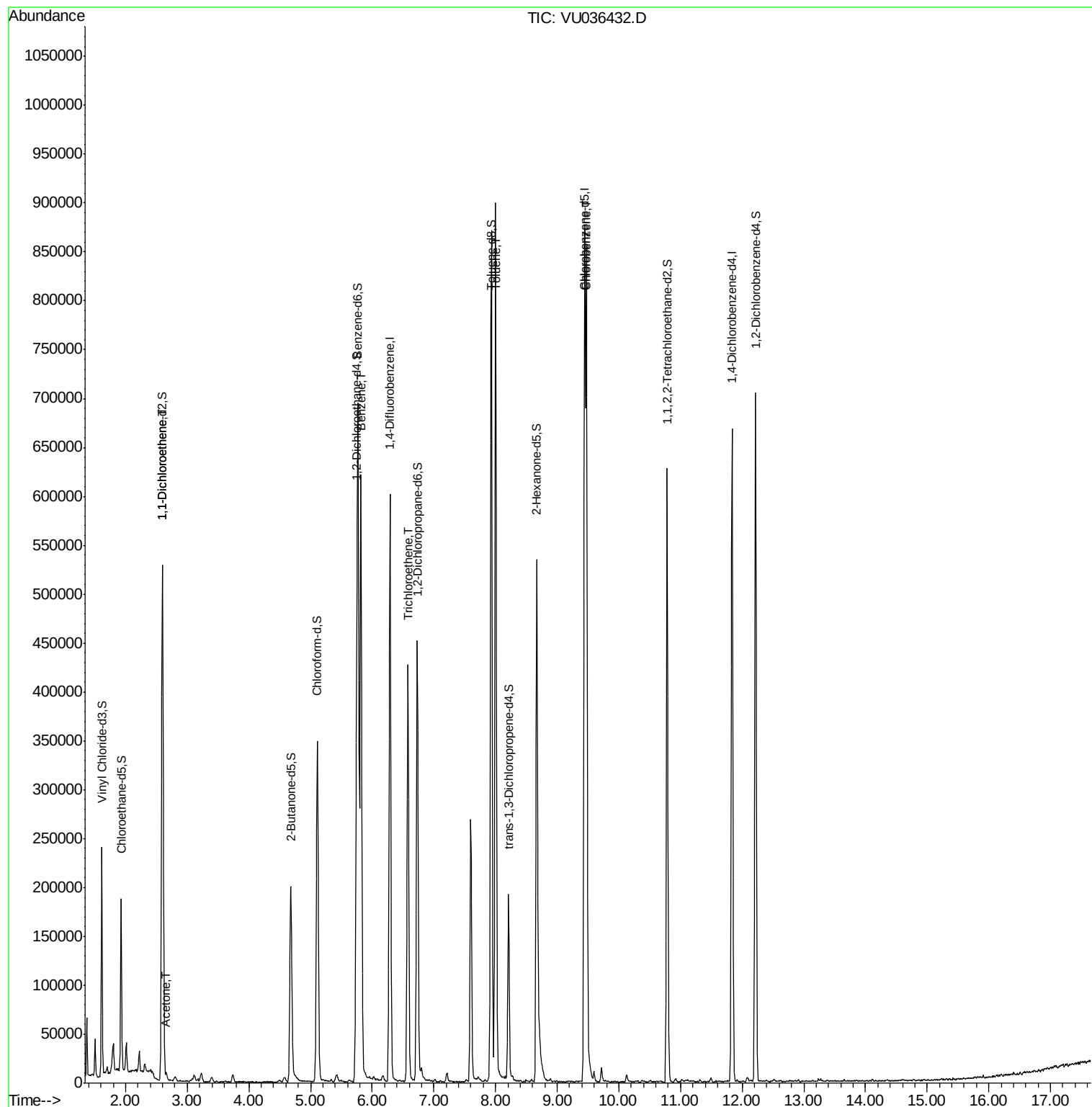
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	101099	36.944	ug/L	# 72
13) Acetone	2.66	43	7061	2.481	ug/L	99
33) Benzene	5.82	78	575189	43.018	ug/L	100
34) Trichloroethene	6.58	95	144277	41.854	ug/L	96
42) Toluene	8.00	91	634718	43.109	ug/L	100
51) Chlorobenzene	9.47	112	421492	45.355	ug/L	98

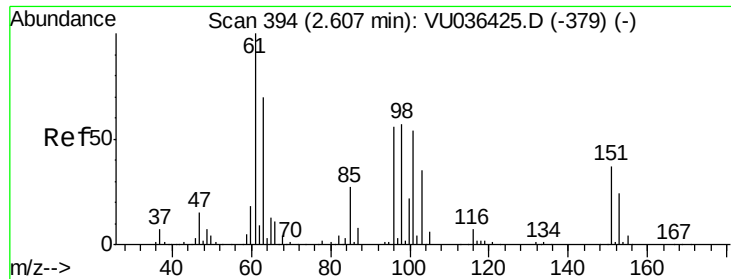
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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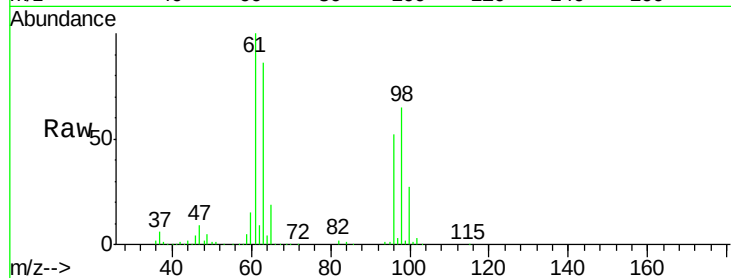




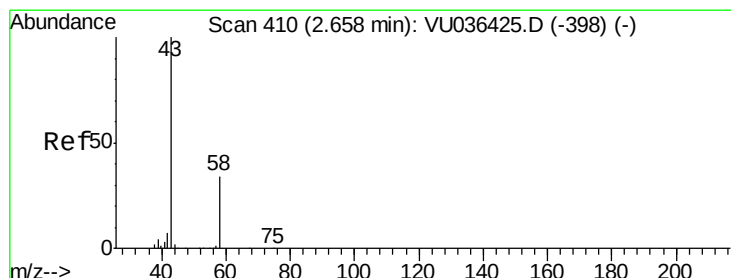
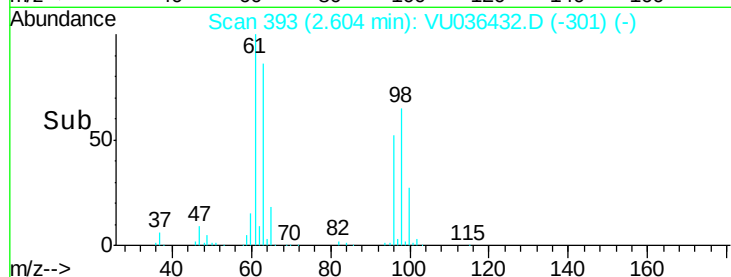
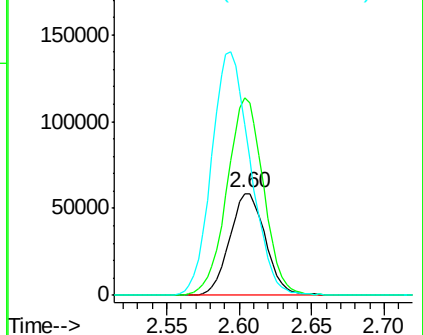
#12
 1,1-Dichloroethene
 Concen: 36.944 ug/L
 RT: 2.60 min Scan# 393
 Delta R.T. -0.00 min
 Lab File: VU036432.D
 Acq: 10 Jan 2020 16:53

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOQ1MS

Tot Ion	96	Resp	101099
Ion	Ratio	Lower	Upper
96	100		
61	193.9	120.9	224.5
63	167.7	81.8	152.0#

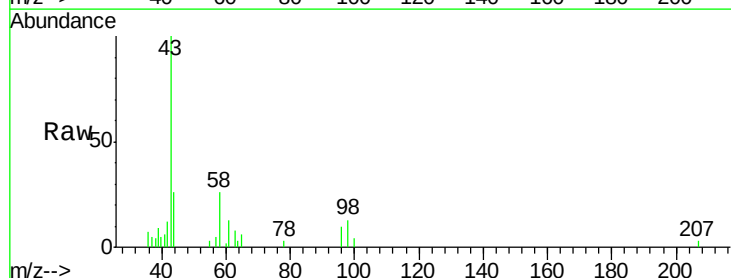


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

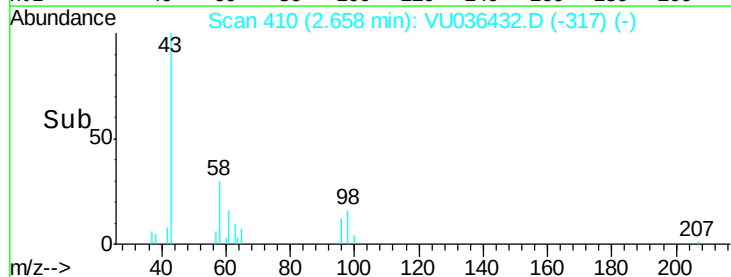
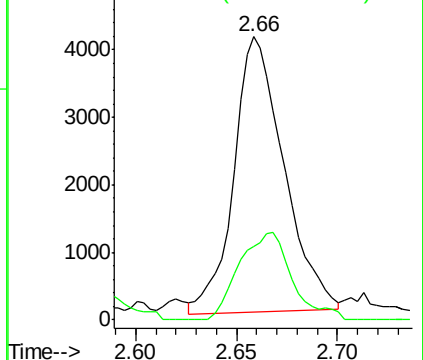


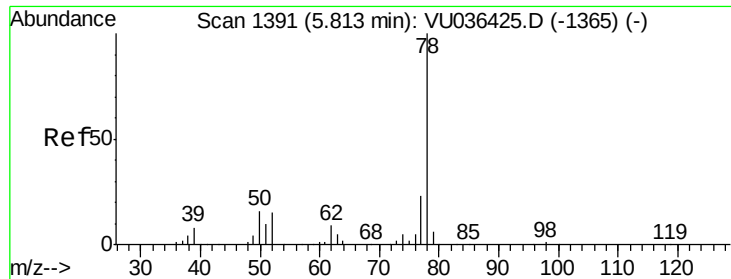
#13
 Acetone
 Concen: 2.481 ug/L
 RT: 2.66 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: VU036432.D
 Acq: 10 Jan 2020 16:53

Tgt Ion	43	Resp	7061
Ion	Ratio	Lower	Upper
43	100		
58	32.4	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: 43.018 ug/L

RT: 5.82 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VU036432.D

Acq: 10 Jan 2020 16:53

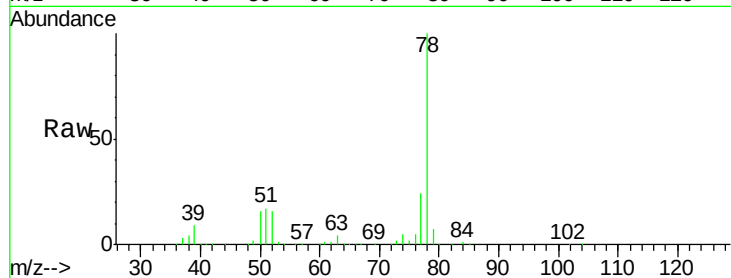
Instrument :

MSVOA_U

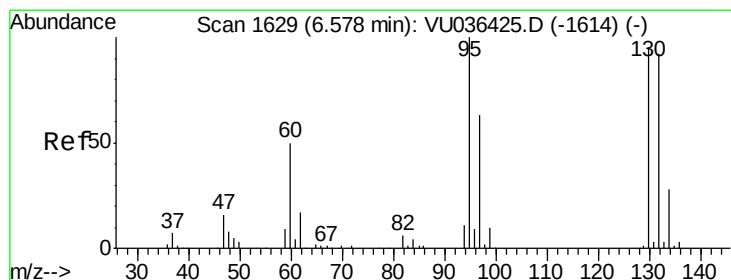
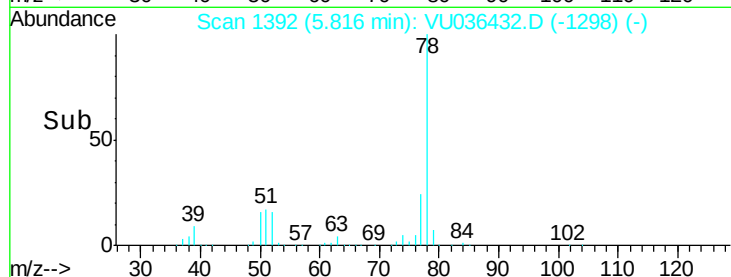
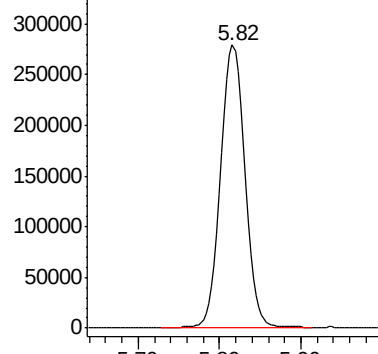
ClientSampleId :

ETOQ1MS

Tgt Ion: 78 Resp: 575189



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 41.854 ug/L

RT: 6.58 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU036432.D

Acq: 10 Jan 2020 16:53

Tgt Ion: 95 Resp: 144277

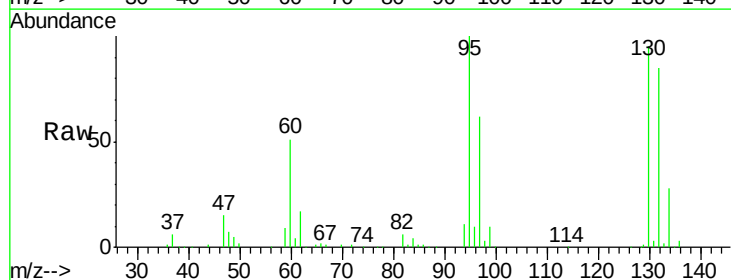
Ion	Ratio	Lower	Upper
95	100		
97	61.6	44.5	82.7
132	84.7	64.5	119.9
130	94.8	66.6	123.8

95 100

97 61.6 44.5 82.7

132 84.7 64.5 119.9

130 94.8 66.6 123.8



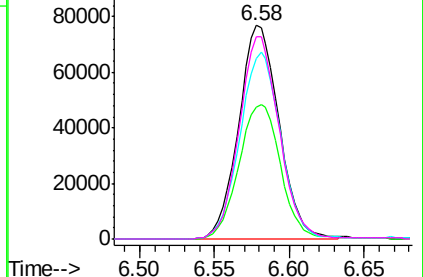
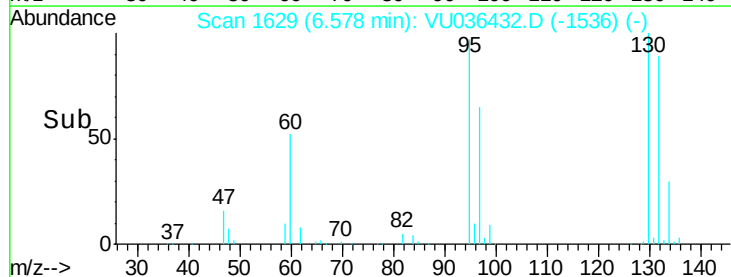
Abundance Ion 95.00 (94.70 to 95.70): VU0

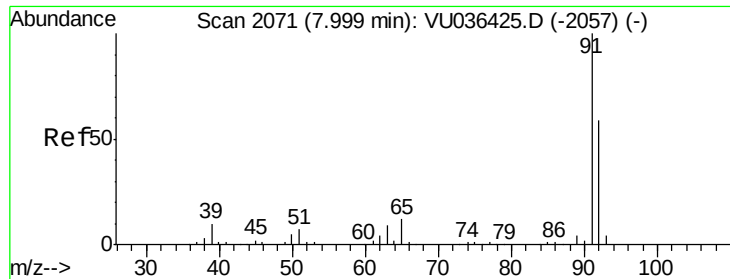
Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->





#42

Toluene

Concen: 43.109 ug/L

RT: 8.00 min Scan# 2072

Delta R.T. 0.00 min

Lab File: VU036432.D

Acq: 10 Jan 2020 16:53

Instrument :

MSVOA_U

ClientSampleId :

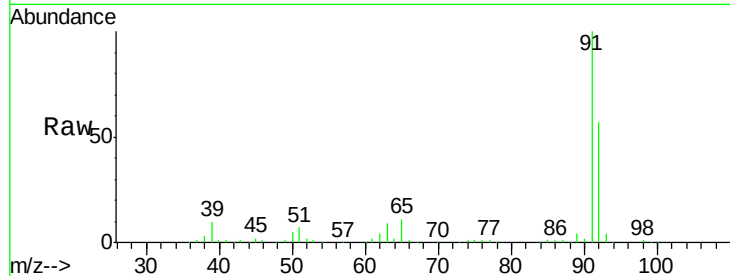
ETOQ1MS

Tot Ion: 91 Resp: 634718

Ion Ratio Lower Upper

91 100

92 57.0 39.8 74.0



Abundance Ion 91.00 (90.70 to 91.70): VU036432.D (-2057) (-)

Ion 92.00 (91.70 to 92.70): VU036432.D (-2057) (-)

8.00

400000

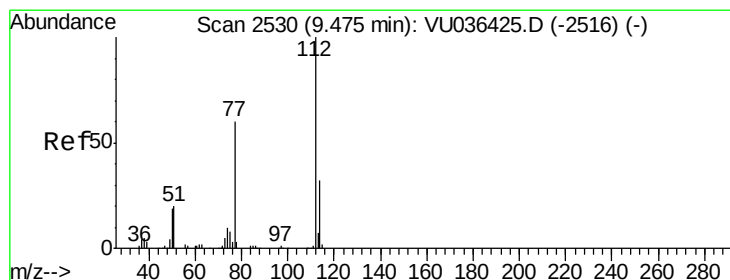
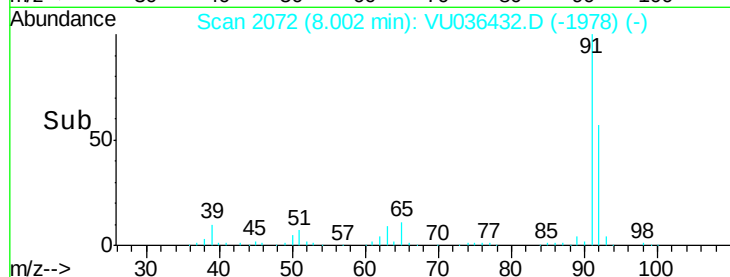
300000

200000

100000

0

Time-->



#51

Chlorobenzene

Concen: 45.355 ug/L

RT: 9.47 min Scan# 2530

Delta R.T. -0.00 min

Lab File: VU036432.D

Acq: 10 Jan 2020 16:53

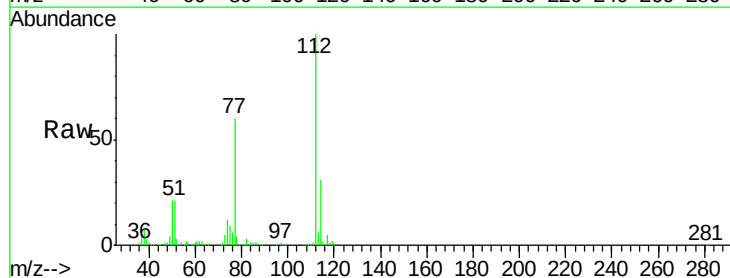
Tgt Ion: 112 Resp: 421492

Ion Ratio Lower Upper

112 100

114 30.7 22.5 41.7

77 60.1 48.7 73.1



Abundance Ion 112.00 (111.70 to 112.70): VU036432.D (-2437) (-)

Ion 114.00 (113.70 to 114.70): VU036432.D (-2437) (-)

Ion 77.00 (76.70 to 77.70): VU036432.D (-2437) (-)

9.47

300000

200000

100000

0

Time-->

