

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041119\
 Data File : VU031104.D
 Acq On : 12 Apr 2019 05:12
 Operator : JC/SP
 Sample : K2353-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ60MS

Quant Time: Apr 12 08:24:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 07:24:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496194	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	493283	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209331	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	164402	37.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.24%
7) Chloroethane-d5	1.67	69	142088	42.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.54%
11) 1,1-Dichloroethene-d2	2.27	63	314576	39.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.54%
21) 2-Butanone-d5	4.17	46	341937	97.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.40%
24) Chloroform-d	4.64	84	309592	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
26) 1,2-Dichloroethane-d4	5.31	65	218169	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
32) Benzene-d6	5.33	84	600857	41.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.46%
36) 1,2-Dichloropropane-d6	6.32	67	215167	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.20%
41) Toluene-d8	7.56	98	504923	39.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.12%#
43) trans-1,3-Dichloropropene-	7.85	79	88852	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.96%
47) 2-Hexanone-d5	8.31	63	200404	88.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	310469	46.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.28%
64) 1,2-Dichlorobenzene-d4	11.85	152	192794	46.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.66%

Target Compounds

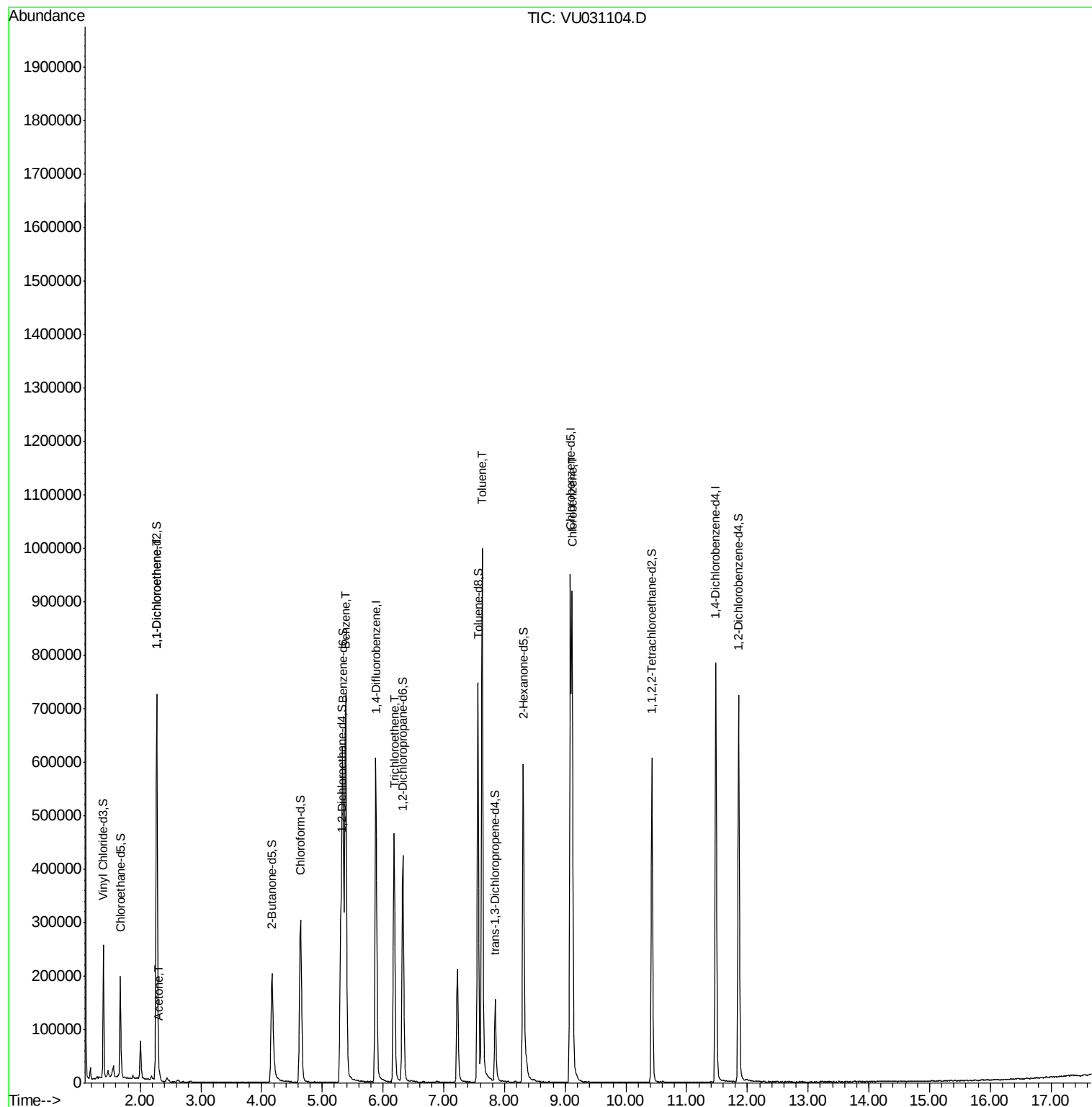
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	147637	43.043	ug/L	94
13) Acetone	2.32	43	11999	3.340	ug/L	93
33) Benzene	5.38	78	709622	43.960	ug/L	100
34) Trichloroethene	6.18	95	169749	42.875	ug/L	98
42) Toluene	7.63	91	720252	43.711	ug/L	100
51) Chlorobenzene	9.12	112	466122	46.123	ug/L	99

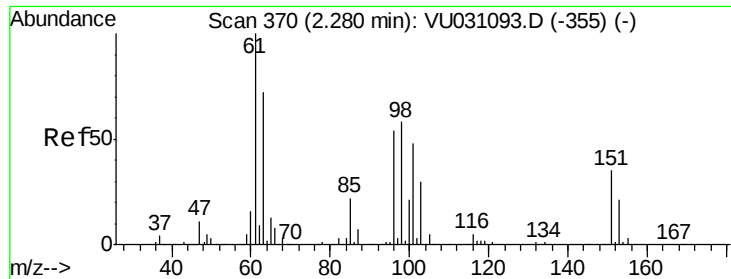
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 07:24:02 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 43.043 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU031104.D

Acq: 12 Apr 2019 05:12

Instrument :

MSVOA_U

ClientSampleId :

ETJ60MS

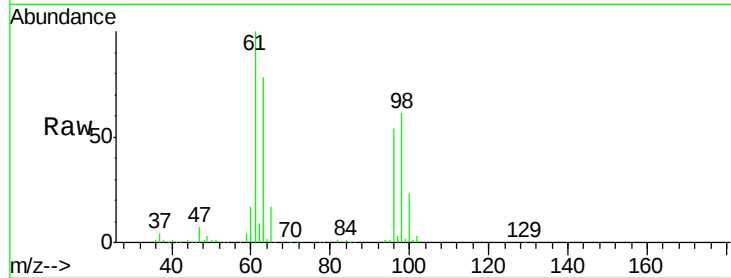
Tot Ion: 96 Resp: 147637

Ion Ratio Lower Upper

96 100

61 186.6 132.0 245.2

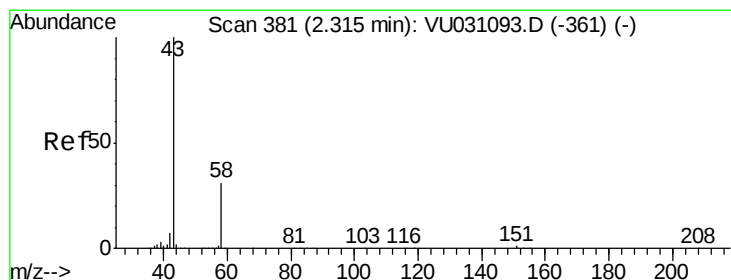
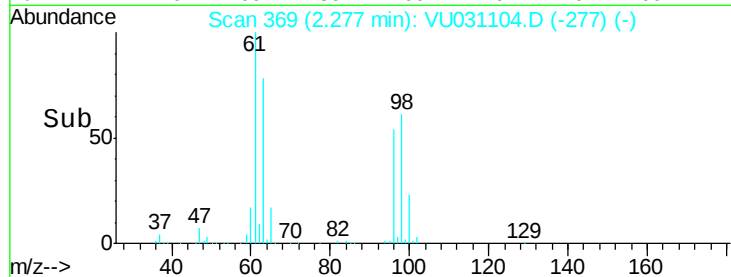
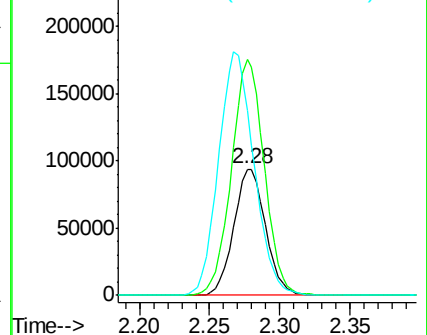
63 145.7 90.9 168.9



Abundance Ion 96.00 (95.70 to 96.70): VU031104.D (-277) (-)

Ion 61.00 (60.70 to 61.70): VU031104.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU031104.D (-277) (-)



#13

Acetone

Concen: 3.340 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU031104.D

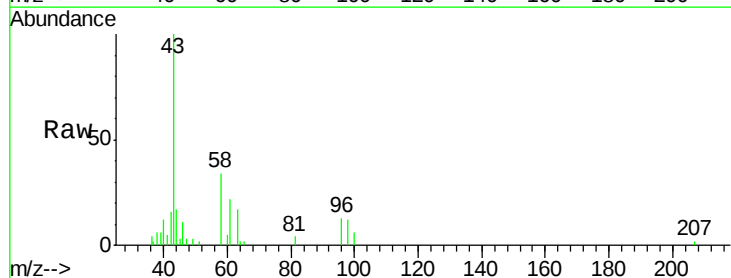
Acq: 12 Apr 2019 05:12

Tgt Ion: 43 Resp: 11999

Ion Ratio Lower Upper

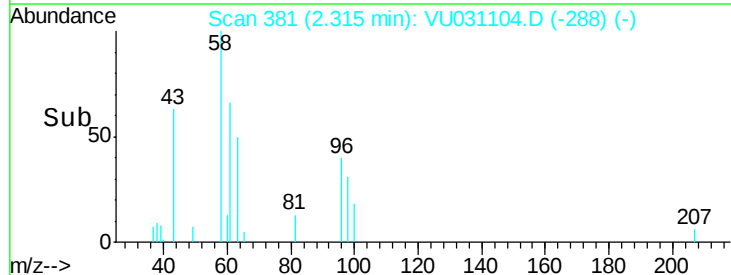
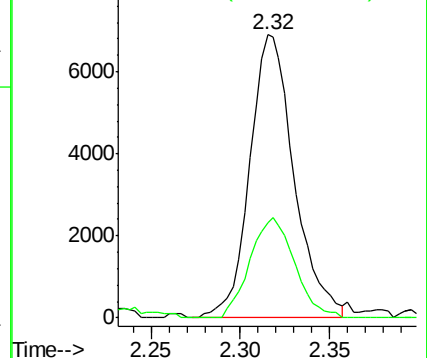
43 100

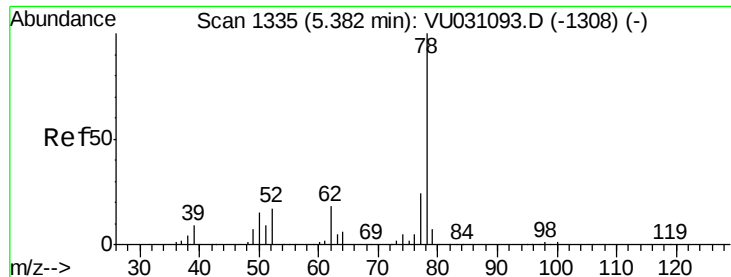
58 35.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU031104.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU031104.D (-288) (-)





#33

Benzene

Concen: 43.960 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031104.D

Acq: 12 Apr 2019 05:12

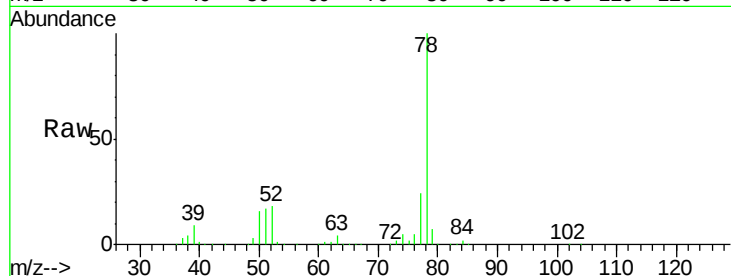
Instrument :

MSVOA_U

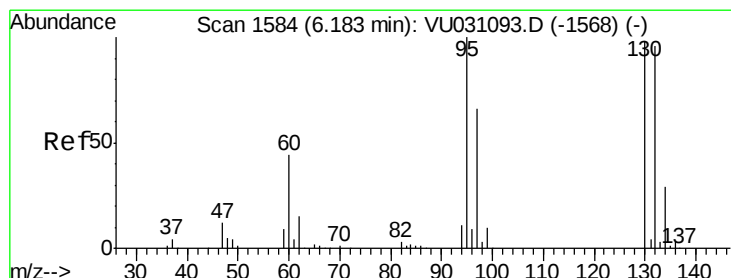
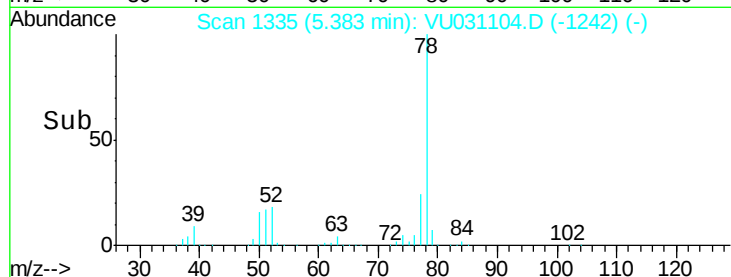
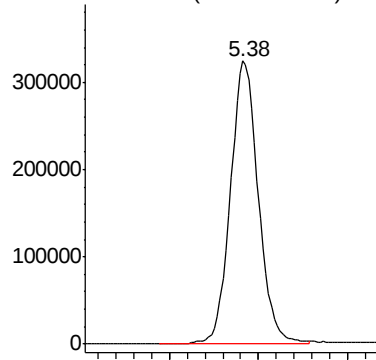
ClientSampleId :

ETJ60MS

Tgt Ion: 78 Resp: 709622



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 42.875 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031104.D

Acq: 12 Apr 2019 05:12

Tgt Ion: 95 Resp: 169749

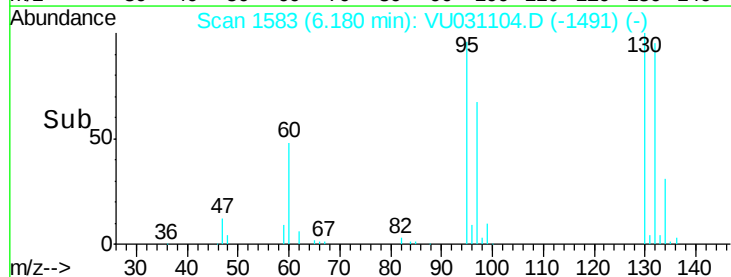
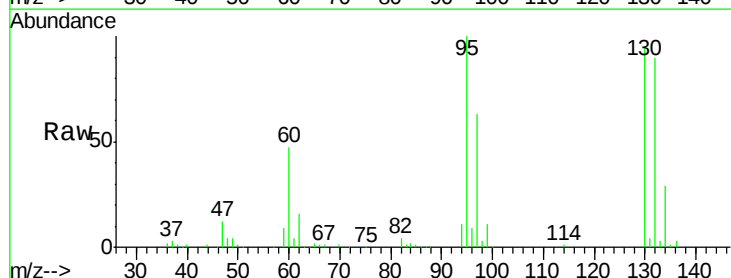
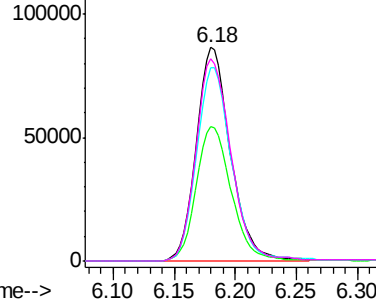
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.5	82.7
132	90.3	61.5	114.1
130	94.7	64.9	120.5

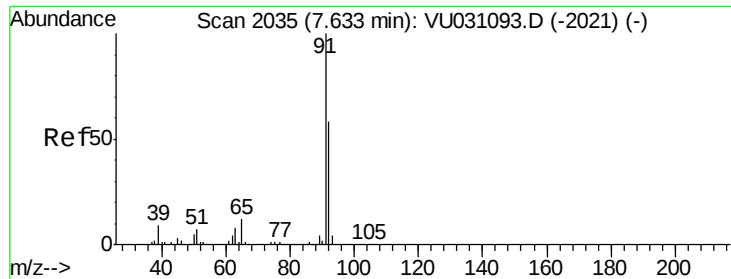
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 43.711 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031104.D

Acq: 12 Apr 2019 05:12

Instrument :

MSVOA_U

ClientSampleId :

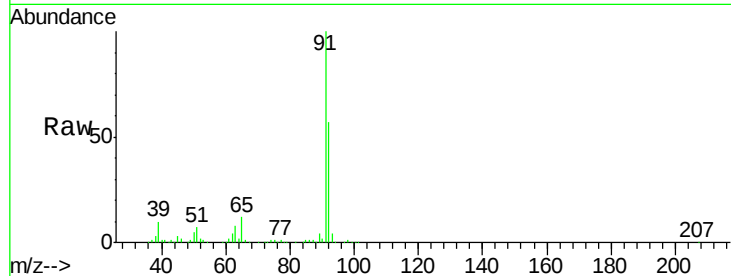
ETJ60MS

Tot Ion: 91 Resp: 720252

Ion Ratio Lower Upper

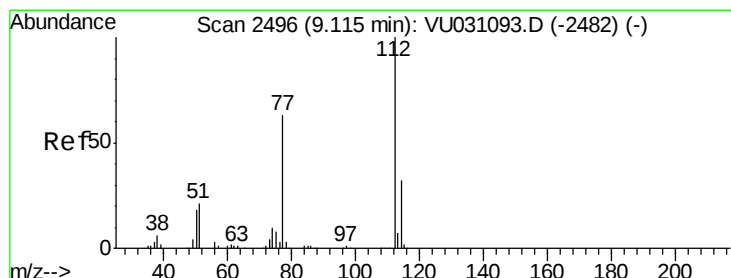
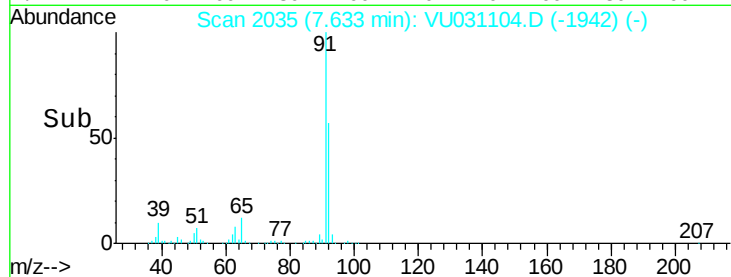
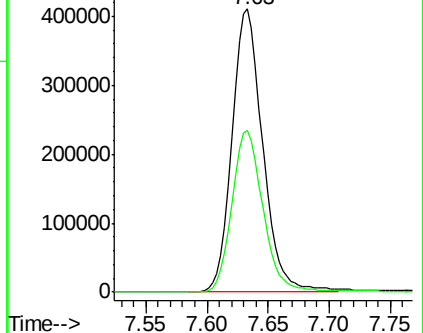
91 100

92 57.2 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031104.D (-2403) (-)

Ion 92.00 (91.70 to 92.70): VU031104.D (-2403) (-)



#51

Chlorobenzene

Concen: 46.123 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031104.D

Acq: 12 Apr 2019 05:12

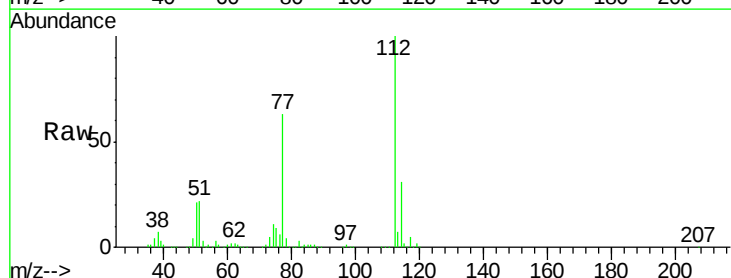
Tgt Ion: 112 Resp: 466122

Ion Ratio Lower Upper

112 100

114 31.3 22.2 41.2

77 63.2 51.7 77.5



Abundance Ion 112.00 (111.70 to 112.70): VU031104.D (-2403) (-)

Ion 114.00 (113.70 to 114.70): VU031104.D (-2403) (-)

Ion 77.00 (76.70 to 77.70): VU031104.D (-2403) (-)

