

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037442.D
 Acq On : 29 Mar 2020 02:29
 Operator : JC/MD
 Sample : L2001-03MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAW6MSD

Quant Time: Mar 30 04:16:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	110713	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	104939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	52241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37158	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.93	69	30362	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.59	63	74870	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	4.66	46	108850	48.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.74%
24) Chloroform-d	5.10	84	64519	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.80%
26) 1,2-Dichloroethane-d4	5.74	65	43381	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.76	84	147777	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.72	67	49178	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.93	98	140899	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.20	79	21335	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.66	63	96128	51.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	38743	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	51790	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

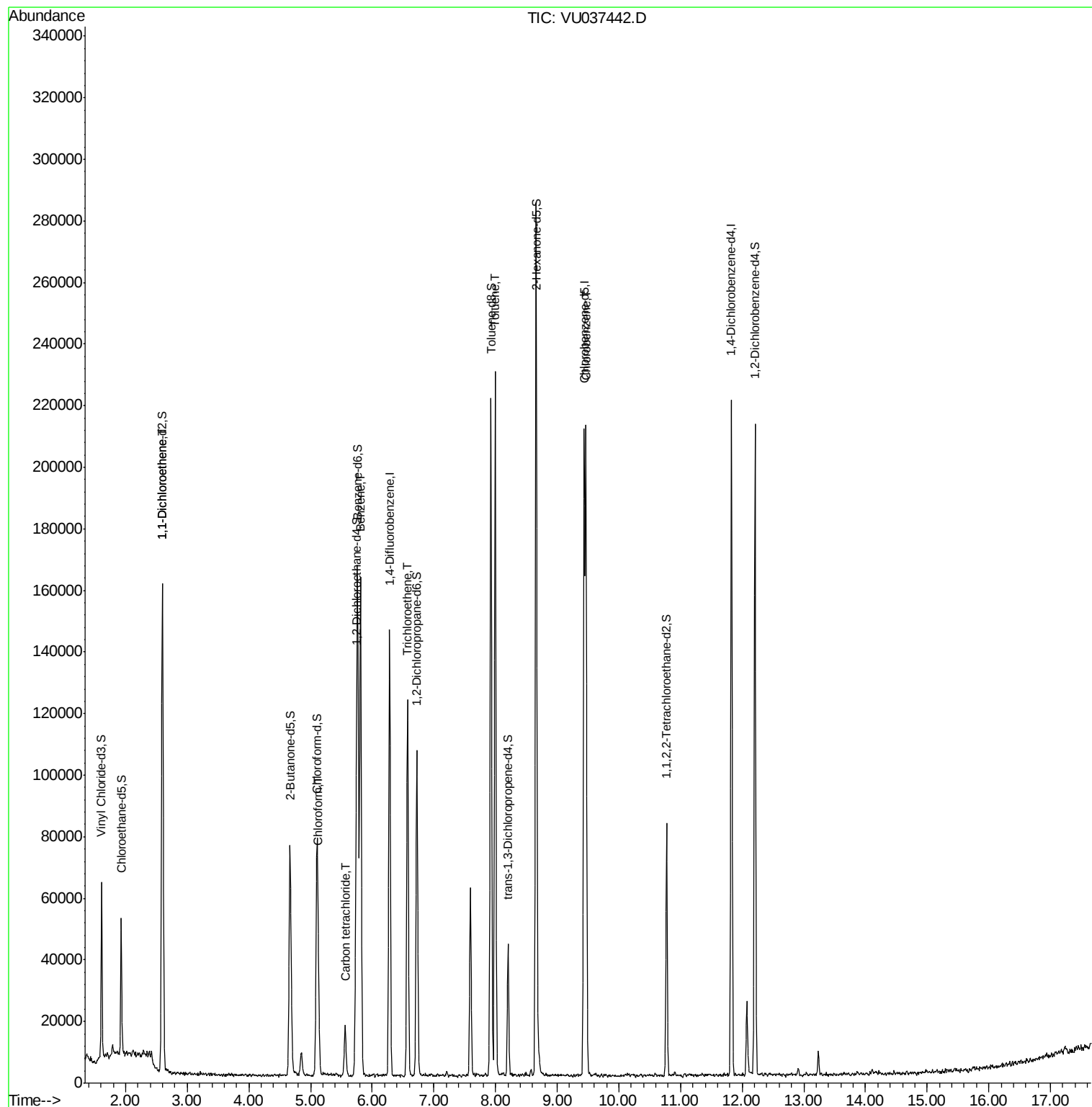
					Ovalue
12) 1,1-Dichloroethene	2.61	96	32414	4.452 ug/L	92
25) Chloroform	5.13	83	20740	1.385 ug/L	95
31) Carbon tetrachloride	5.57	117	10781	0.947 ug/L	95
33) Benzene	5.81	78	148159	4.768 ug/L	100
34) Trichloroethene	6.57	95	40832	4.613 ug/L	98
42) Toluene	8.00	91	162127	4.841 ug/L	100
51) Chlorobenzene	9.47	112	101947	4.406 ug/L	99

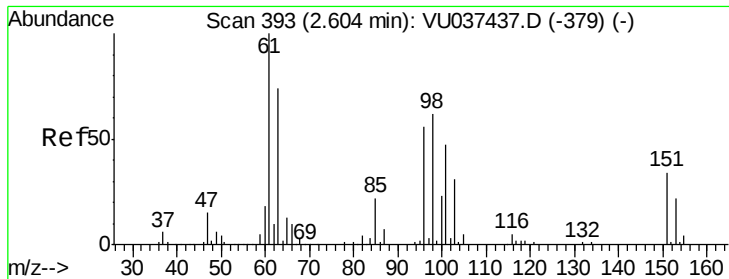
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.452 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU037442.D

Acq: 29 Mar 2020 02:29

Instrument :

MSVOA_U

ClientSampleId :

GAWE6MSD

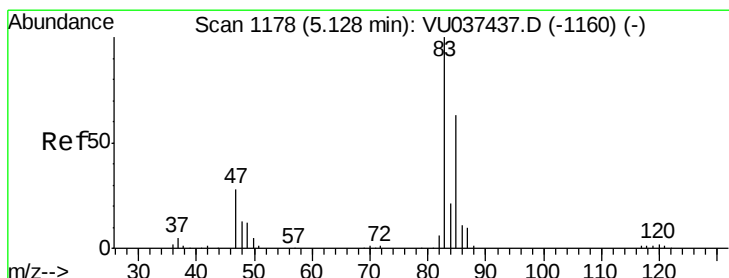
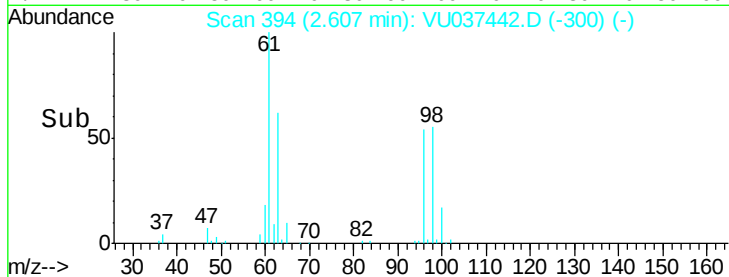
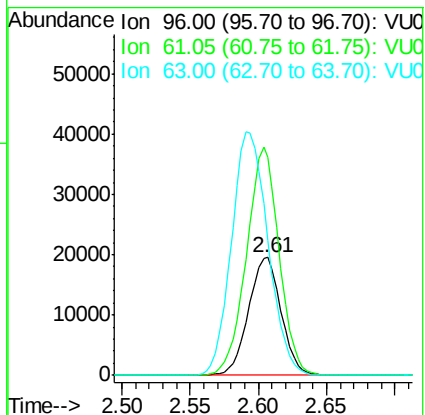
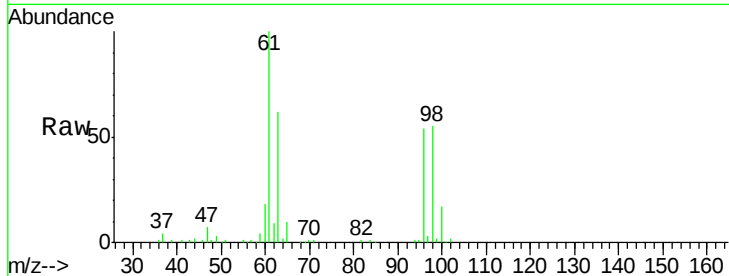
Tot Ion: 96 Resp: 32414

Ion Ratio Lower Upper

96 100

61 185.7 125.4 232.8

63 115.0 90.9 168.7



#25

Chloroform

Concen: 1.385 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU037442.D

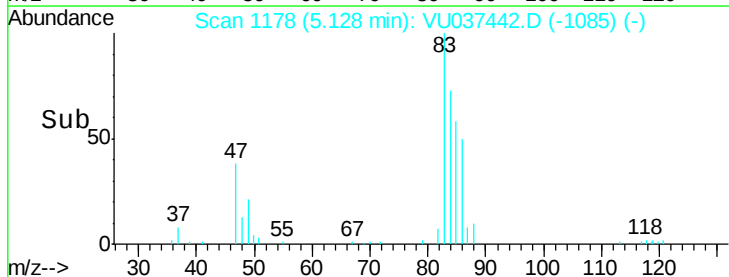
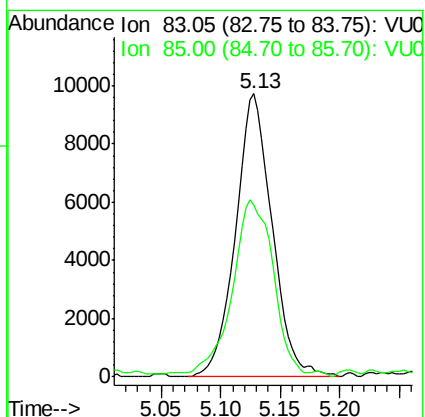
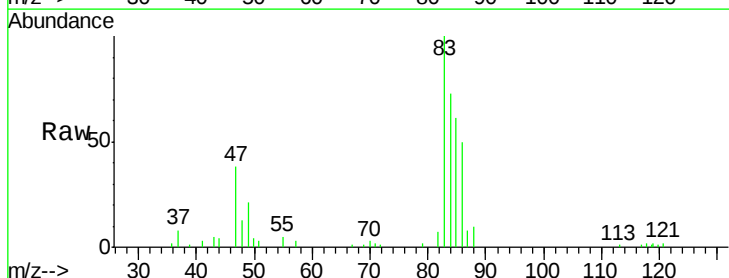
Acq: 29 Mar 2020 02:29

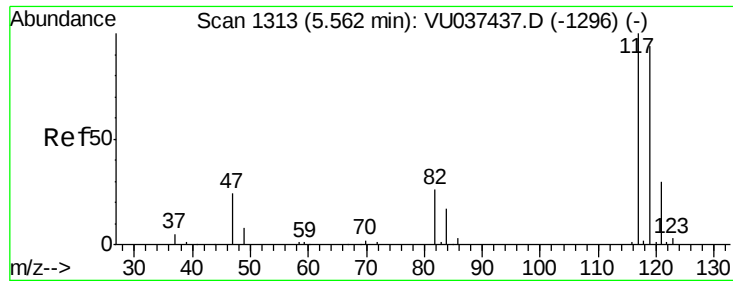
Tgt Ion: 83 Resp: 20740

Ion Ratio Lower Upper

83 100

85 60.8 45.4 84.4





#31

Carbon tetrachloride

Concen: 0.947 ug/L

RT: 5.57 min Scan# 1314

Delta R.T. 0.00 min

Lab File: VU037442.D

Acq: 29 Mar 2020 02:29

Instrument :

MSVOA_U

ClientSampleId :

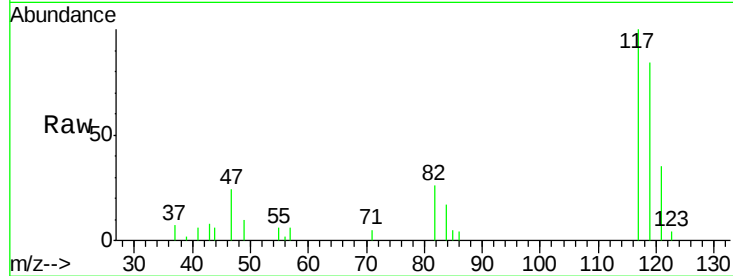
GAWE6MSD

Tot Ion:117 Resp: 10781

Ion Ratio Lower Upper

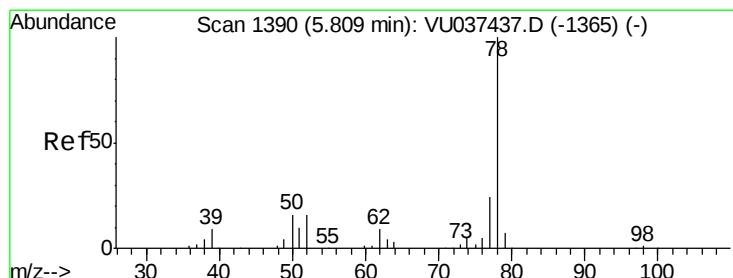
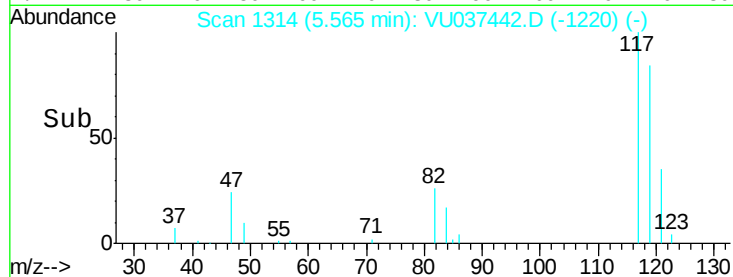
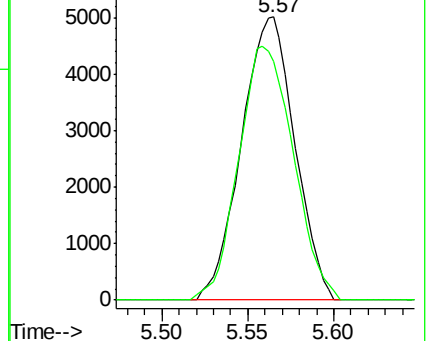
117 100

119 92.1 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 4.768 ug/L

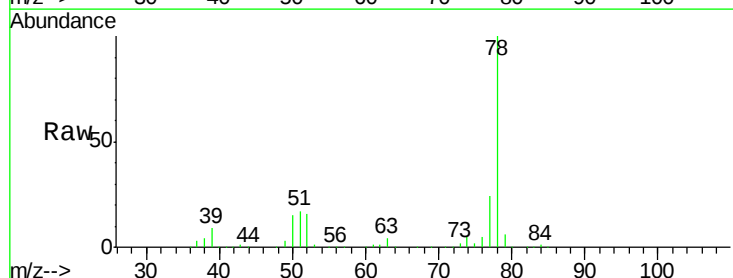
RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

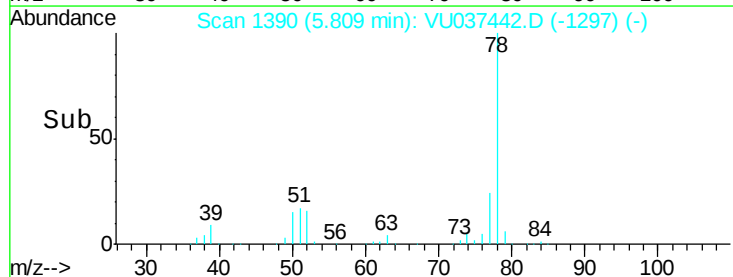
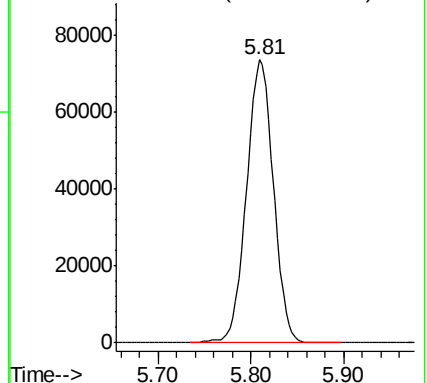
Lab File: VU037442.D

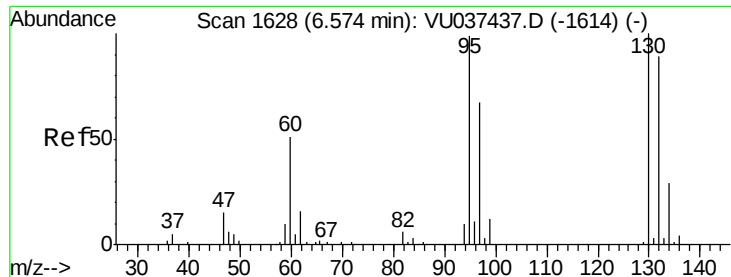
Acq: 29 Mar 2020 02:29

Tgt Ion: 78 Resp: 148159



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.613 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037442.D

Acq: 29 Mar 2020 02:29

Instrument :

MSVOA_U

ClientSampleId :

GAWE6MSD

Tot Ion: 95 Resp: 40832

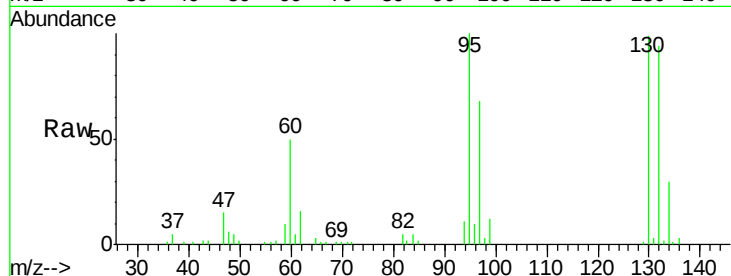
Ion Ratio Lower Upper

95 100

97 67.5 45.3 84.1

132 93.6 62.7 116.5

130 98.5 69.1 128.3

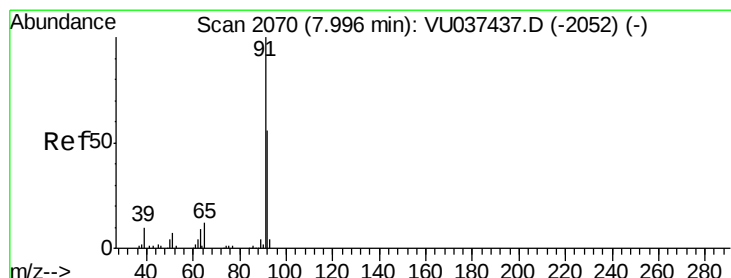
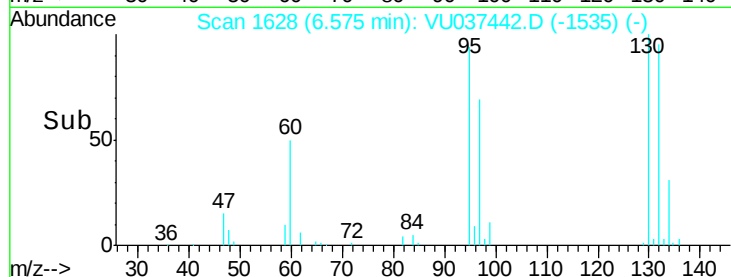
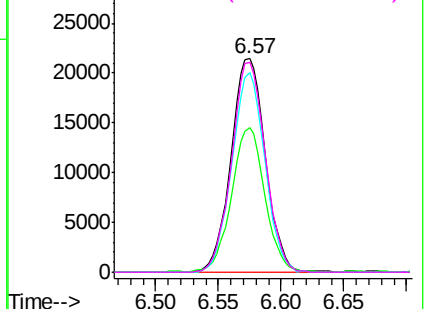


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.841 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU037442.D

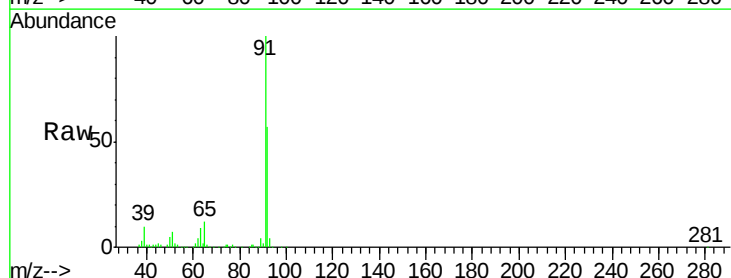
Acq: 29 Mar 2020 02:29

Tgt Ion: 91 Resp: 162127

Ion Ratio Lower Upper

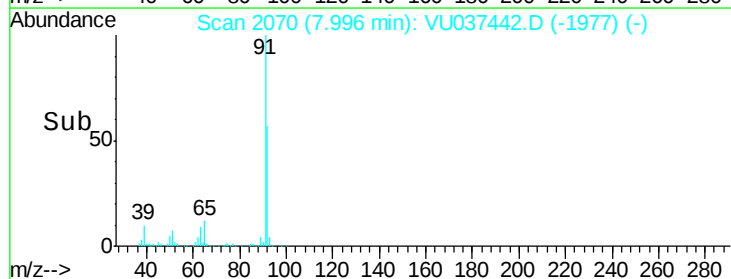
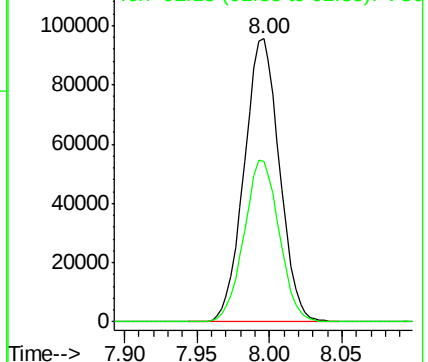
91 100

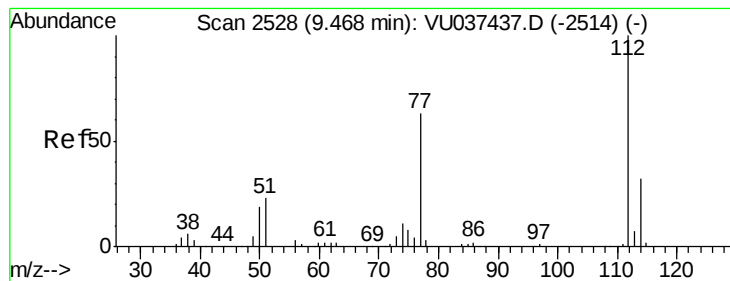
92 56.8 39.8 73.8



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0





#51

Chlorobenzene

Concen: 4.406 ug/L

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU037442.D

Acq: 29 Mar 2020 02:29

Instrument :

MSVOA_U

ClientSampleId :

GAWE6MSD

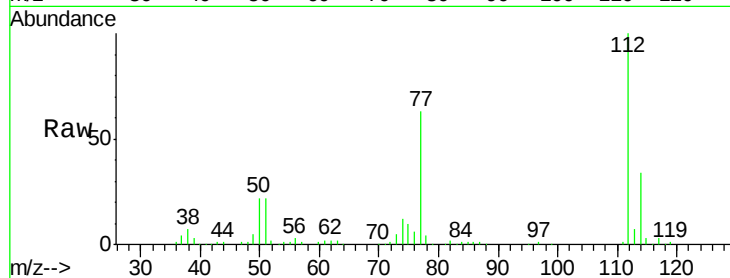
Tot Ion:112 Resp: 101947

Ion Ratio Lower Upper

112 100

114 34.1 22.4 41.6

77 62.9 50.5 75.7



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

