

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037513.D
 Acq On : 31 Mar 2020 22:26
 Operator : JC/MD
 Sample : L2065-07MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBF04MSD

Quant Time: Apr 01 03:36:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	88028	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	82487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	39788	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21439	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	1.93	69	21237	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.00%
11) 1,1-Dichloroethene-d2	2.59	63	46356	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.69	46	97567	49.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.52%
24) Chloroform-d	5.10	84	49079	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
26) 1,2-Dichloroethane-d4	5.74	65	27965	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.60%
32) Benzene-d6	5.76	84	92259	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
36) 1,2-Dichloropropane-d6	6.72	67	34001	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.92	98	80753	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	8.20	79	14362	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	8.66	63	84536	51.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	30547	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	30061	3.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.00%#

Target Compounds

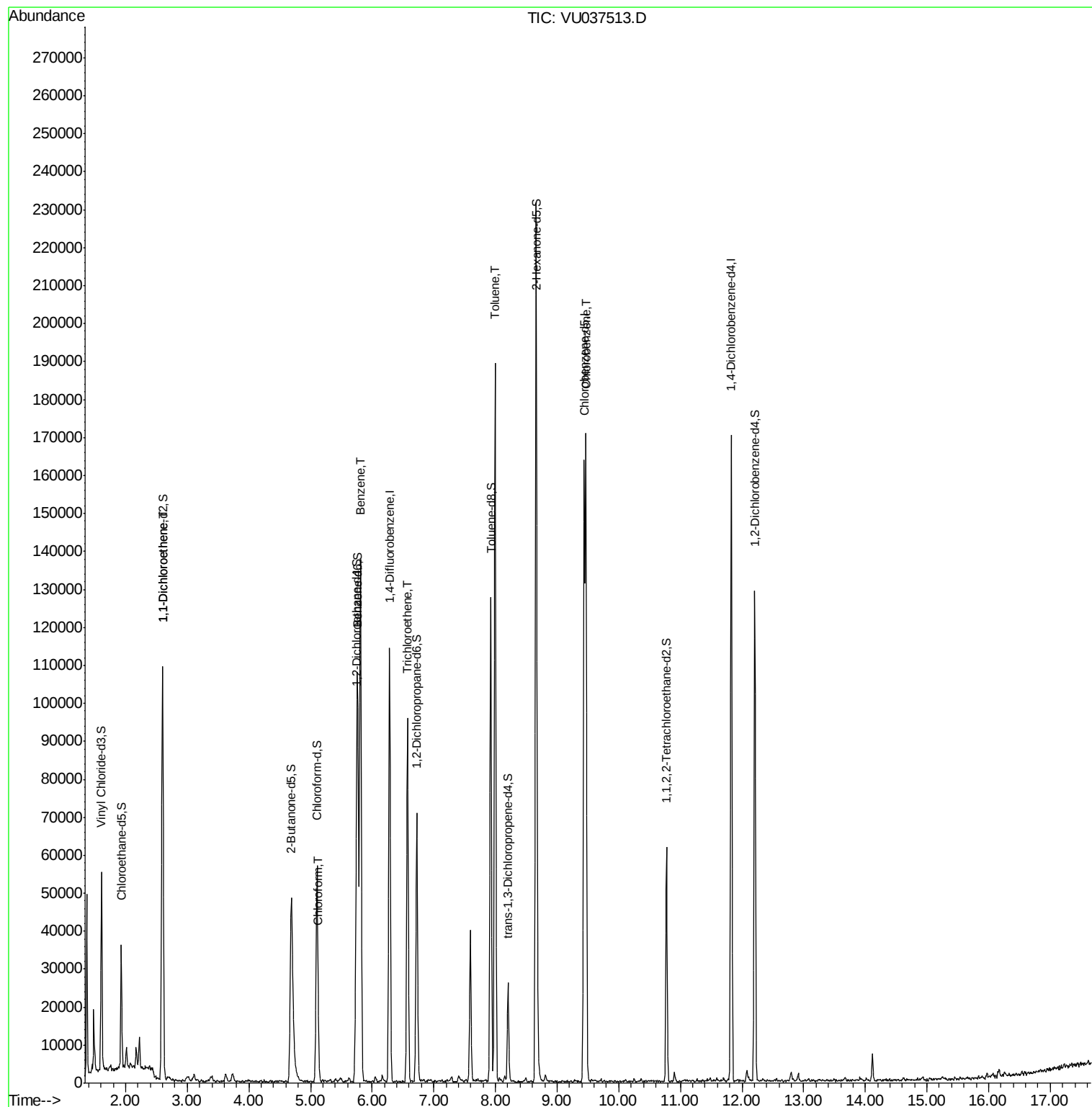
					Ovalue
12) 1,1-Dichloroethene	2.60	96	26909	4.561 ug/L	97
25) Chloroform	5.13	83	3539	0.300 ug/L	94
33) Benzene	5.81	78	122226	4.758 ug/L	100
34) Trichloroethene	6.57	95	31769	4.644 ug/L	97
42) Toluene	7.99	91	132543	4.893 ug/L	99
51) Chlorobenzene	9.47	112	82539	4.890 ug/L	97

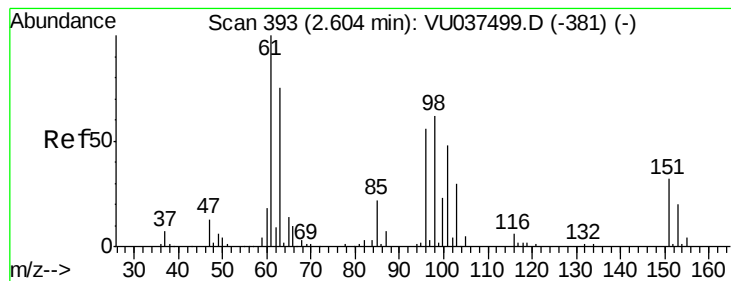
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.561 ug/L

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU037513.D

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Instrument :

MSVOA_U

ClientSampleId :

DBF04MSD

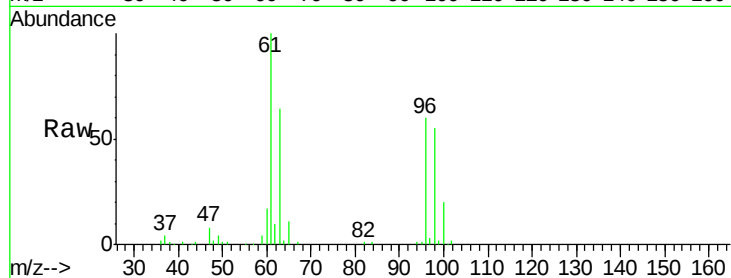
Tot Ion: 96 Resp: 26909

Ion Ratio Lower Upper

96 100

61 166.4 116.2 215.8

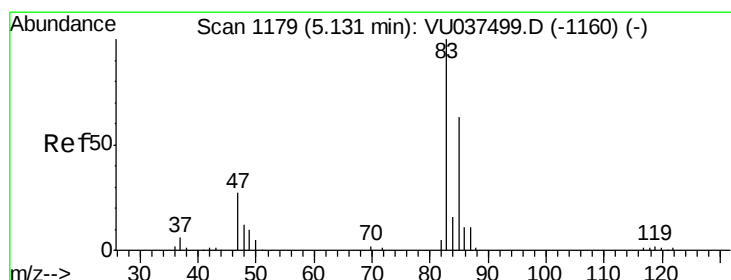
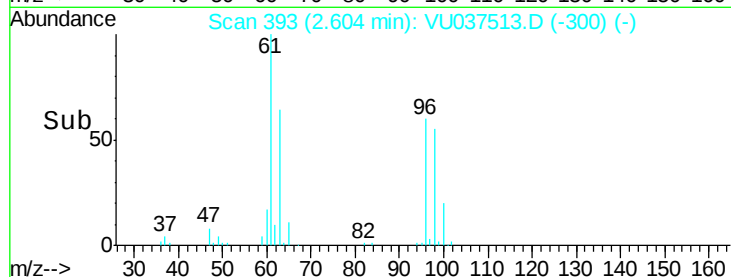
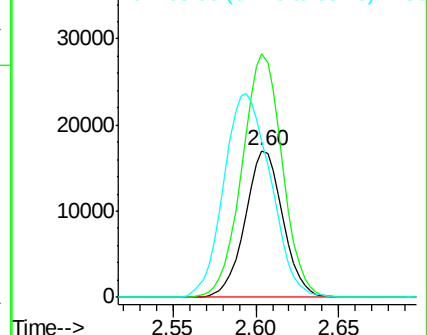
63 106.8 79.2 147.0



Abundance Ion 96.00 (95.70 to 96.70): VU037513.D (-300) (-)

Ion 61.05 (60.75 to 61.75): VU037513.D (-300) (-)

Ion 63.00 (62.70 to 63.70): VU037513.D (-300) (-)



#25

Chloroform

Concen: 0.300 ug/L

RT: 5.13 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VU037513.D

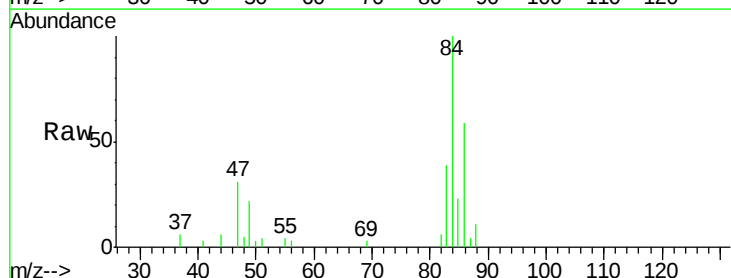
Acq: 31 Mar 2020 22:26

Tgt Ion: 83 Resp: 3539

Ion Ratio Lower Upper

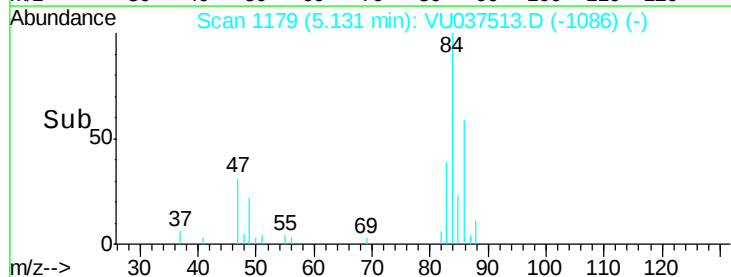
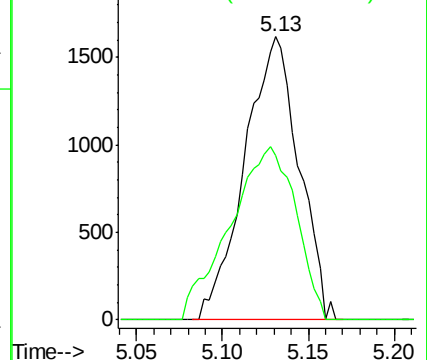
83 100

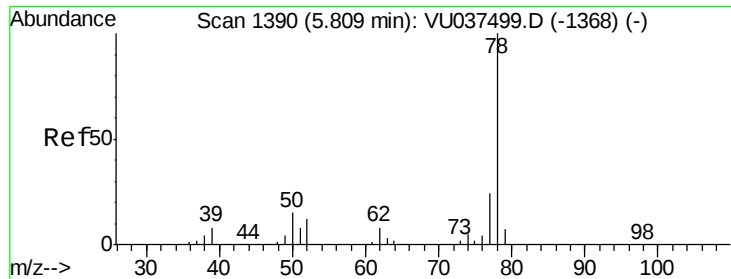
85 58.3 44.1 81.9



Abundance Ion 83.05 (82.75 to 83.75): VU037513.D (-1086) (-)

Ion 85.00 (84.70 to 85.70): VU037513.D (-1086) (-)





#33

Benzene

Concen: 4.758 ug/L

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

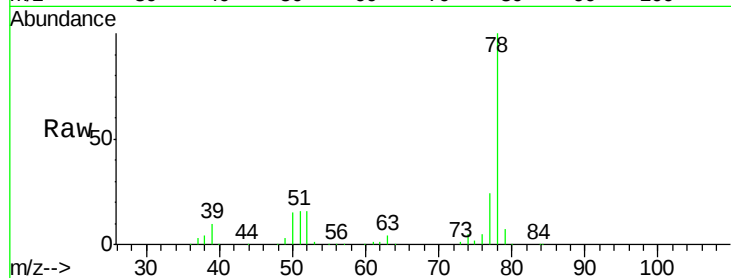
Instrument :

MSVOA_U

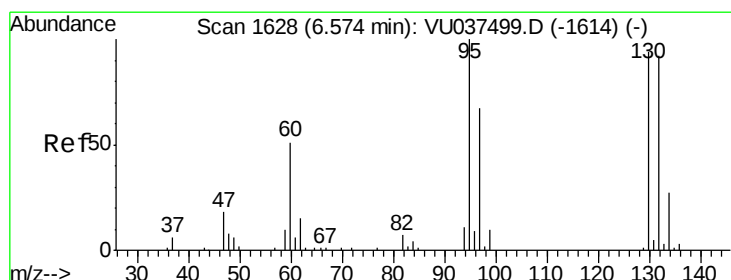
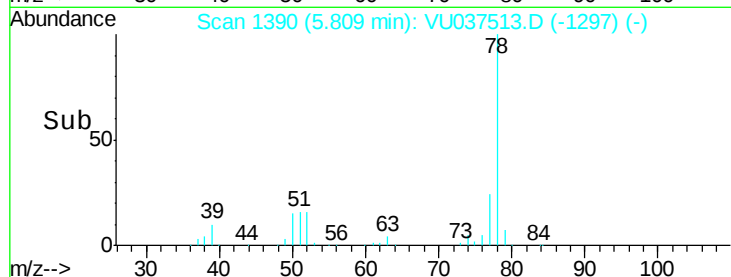
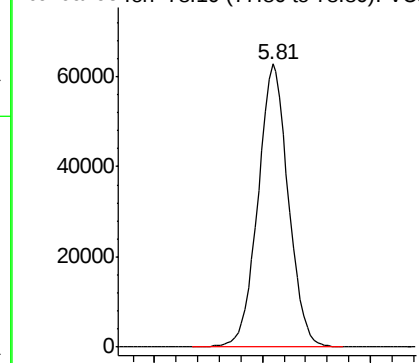
ClientSampleId :

DBF04MSD

Tgt Ion: 78 Resp: 122226



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.644 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

Tgt Ion: 95 Resp: 31769

Ion	Ratio	Lower	Upper
95	100		
97	64.2	41.8	77.6
132	87.6	59.8	111.0
130	94.4	65.0	120.8

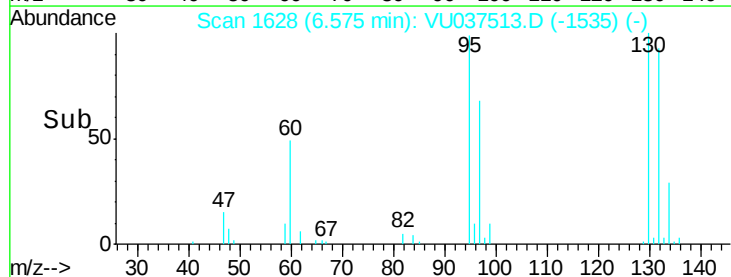
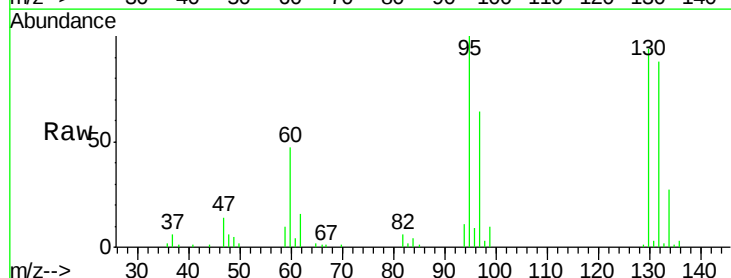
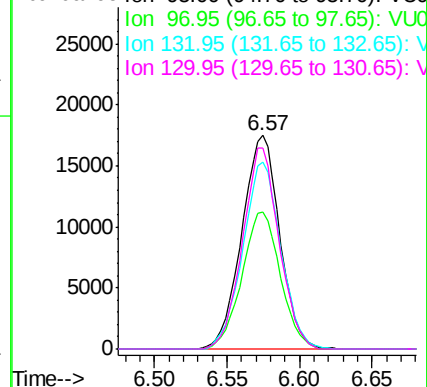
Ion 95.00 (94.70 to 95.70): VU0

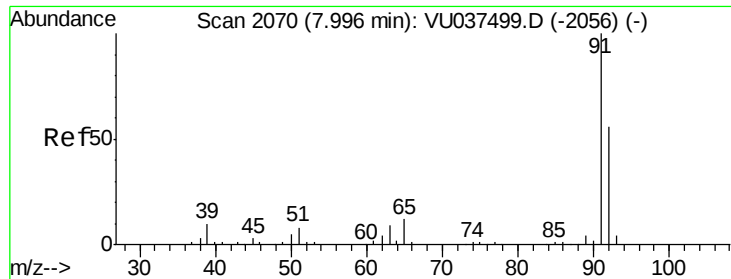
Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0

Abundance Ion 95.00 (94.70 to 95.70): VU0





#42

Toluene

Concen: 4.893 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

Instrument :

MSVOA_U

ClientSampleId :

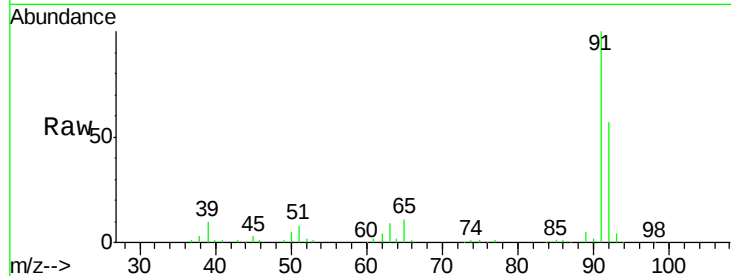
DBF04MSD

Tot Ion: 91 Resp: 132543

Ion Ratio Lower Upper

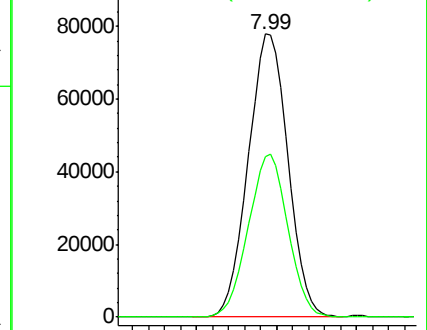
91 100

92 56.9 40.2 74.6

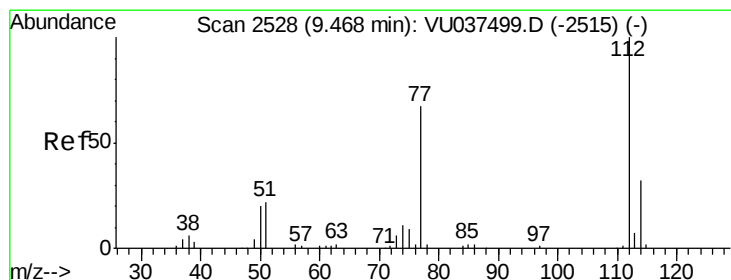
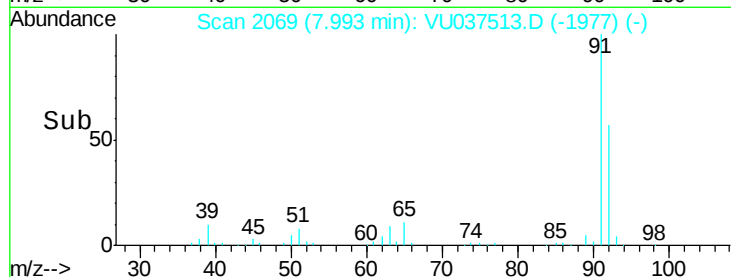


Abundance Ion 91.15 (90.85 to 91.85): VU037499.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU037499.D (-2056) (-)



Time-->



#51

Chlorobenzene

Concen: 4.890 ug/L

RT: 9.47 min Scan# 2527

Delta R.T. -0.00 min

Lab File: VU037513.D

Acq: 31 Mar 2020 22:26

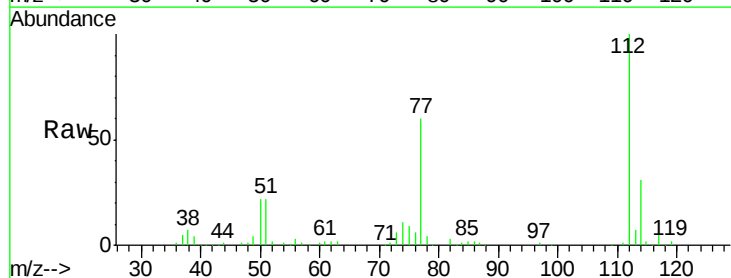
Tgt Ion: 112 Resp: 82539

Ion Ratio Lower Upper

112 100

114 31.1 22.4 41.6

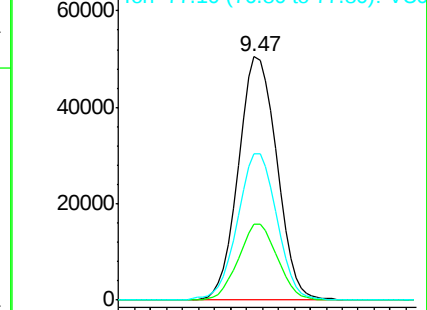
77 60.1 50.4 75.6



Abundance Ion 112.10 (111.80 to 112.80): VU037499.D (-2515) (-)

Ion 114.05 (113.75 to 114.75): VU037499.D (-2515) (-)

Ion 77.10 (76.80 to 77.80): VU037499.D (-2515) (-)



Time-->

