

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027841.D
 Acq On : 26 Oct 2018 18:10
 Operator : MD/SY
 Sample : J5668-22MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS1MS

Quant Time: Oct 27 03:53:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	123518	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115653	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52950	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	27622	28.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.48%#
7) Chloroethane-d5	1.67	69	24029	32.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	64.96%#
11) 1,1-Dichloroethene-d2	2.28	63	61577	35.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.16%
21) 2-Butanone-d5	4.18	46	76540	93.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.46%
24) Chloroform-d	4.65	84	62616	36.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.48%
26) 1,2-Dichloroethane-d4	5.31	65	45852	38.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.66%
32) Benzene-d6	5.34	84	120300	36.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.06%
36) 1,2-Dichloropropane-d6	6.33	67	46014	39.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.26%
41) Toluene-d8	7.57	98	108859	35.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.66%#
43) trans-1,3-Dichloropropene-	7.85	79	20421	35.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.52%
47) 2-Hexanone-d5	8.31	63	55998	93.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62596	41.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	42650	39.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.64%#

Target Compounds

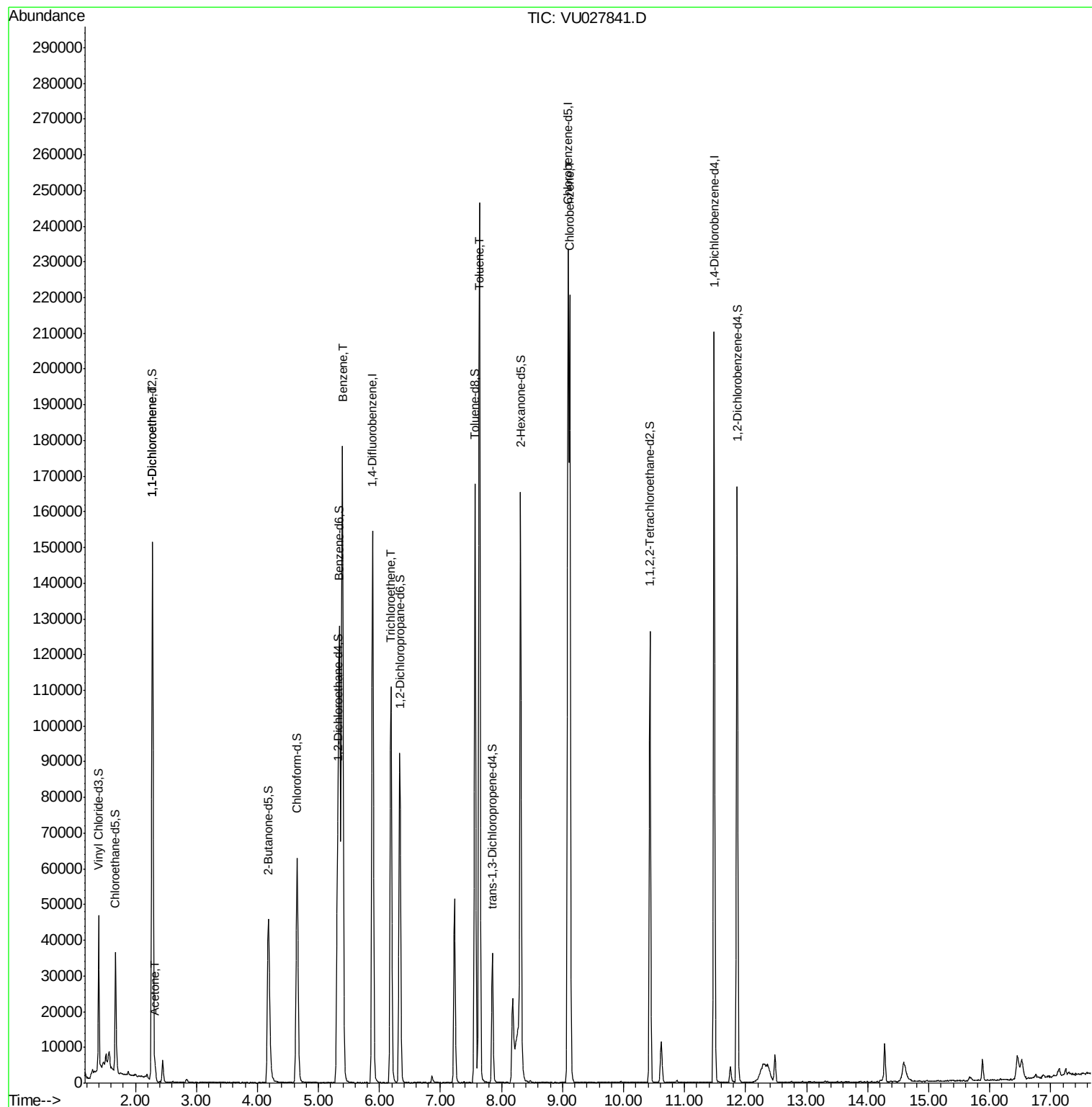
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.29	96	32192	46.773	ug/L	86
13) Acetone	2.32	43	4109	7.203	ug/L	94
33) Benzene	5.39	78	167429	48.664	ug/L	100
34) Trichloroethene	6.19	95	40459	46.973	ug/L	99
42) Toluene	7.64	91	172350	47.833	ug/L	100
51) Chlorobenzene	9.12	112	103440	46.826	ug/L	99

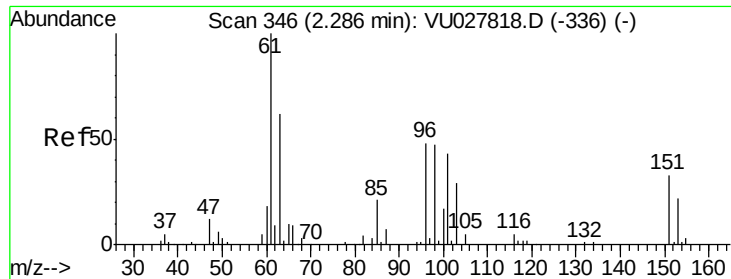
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 27 01:41:17 2018
Response via : Initial Calibration

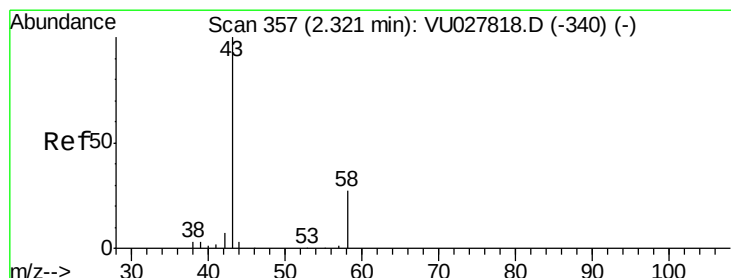
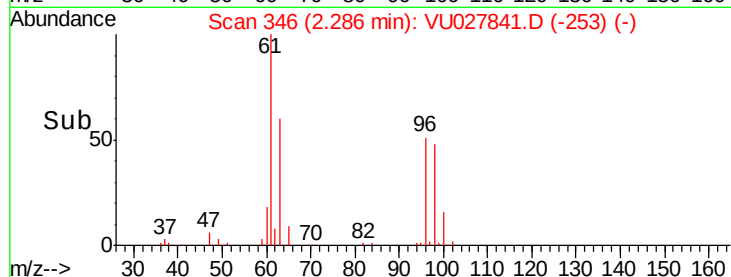
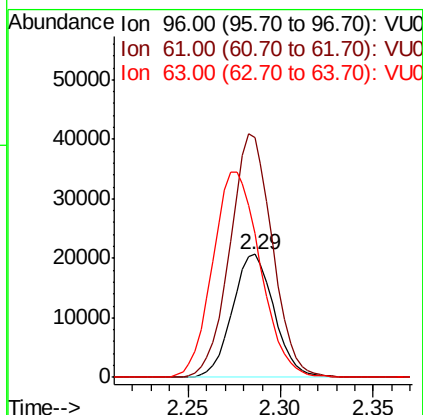
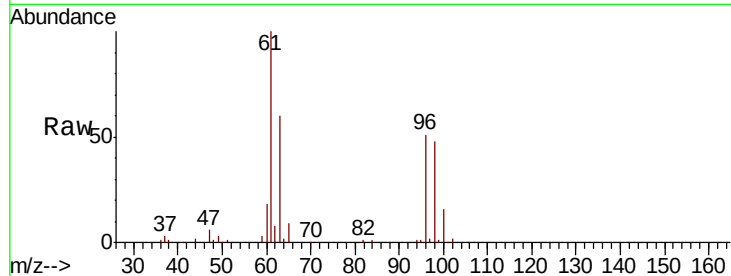




#12
 1,1-Dichloroethene
 Concen: 46.773 ug/L
 RT: 2.29 min Scan# 346
 Delta R.T. -0.00 min
 Lab File: VU027841.D
 Acq: 26 Oct 2018 18:10

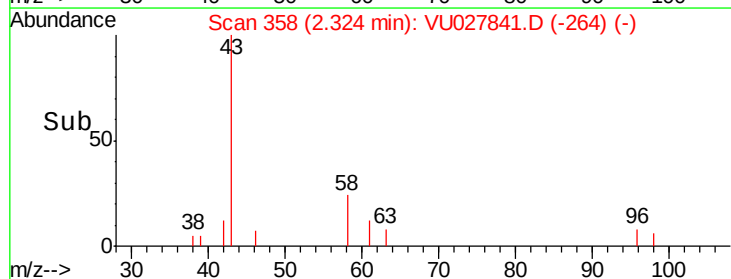
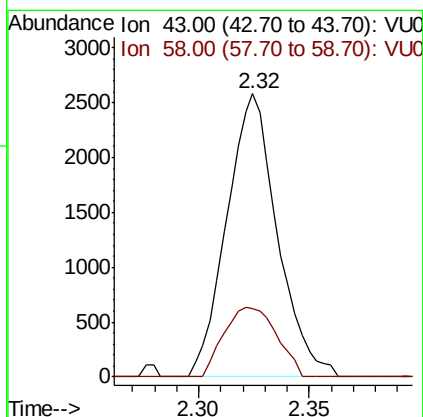
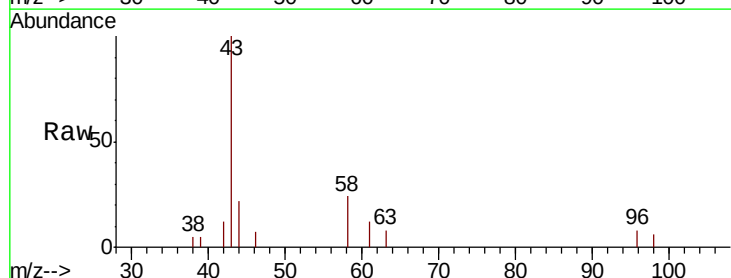
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS1MS

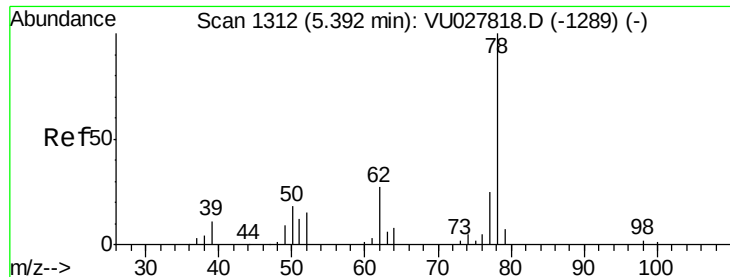
Tot Ion: 96 Resp: 32192
 Ion Ratio Lower Upper
 96 100
 61 195.1 137.3 255.1
 63 117.4 109.8 204.0



#13
 Acetone
 Concen: 7.203 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027841.D
 Acq: 26 Oct 2018 18:10

Tgt Ion: 43 Resp: 4109
 Ion Ratio Lower Upper
 43 100
 58 25.8 0.0 57.4





#33

Benzene

Concen: 48.664 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. -0.00 min

Lab File: VU027841.D

Acq: 26 Oct 2018 18:10

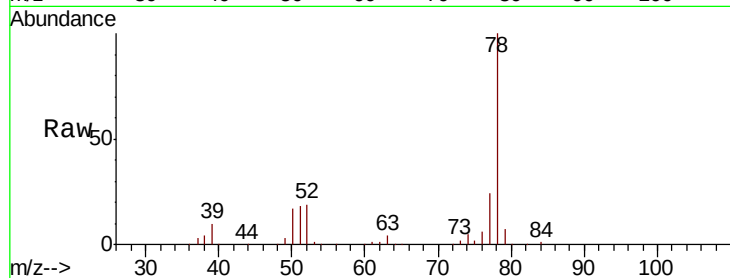
Instrument :

MSVOA_U

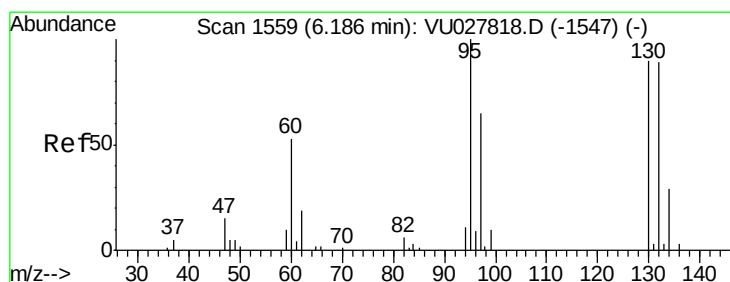
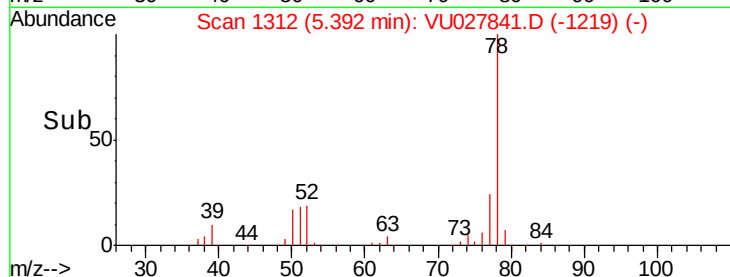
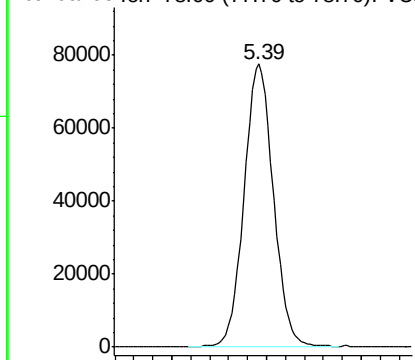
ClientSampleId :

ETBS1MS

Tgt Ion: 78 Resp: 167429



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 46.973 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027841.D

Acq: 26 Oct 2018 18:10

Tgt Ion: 95 Resp: 40459

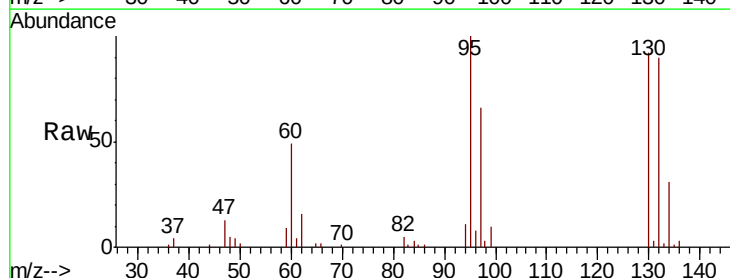
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.8	85.2
132	90.4	62.1	115.3
130	92.1	65.0	120.6

95 100

97 65.9 45.8 85.2

132 90.4 62.1 115.3

130 92.1 65.0 120.6

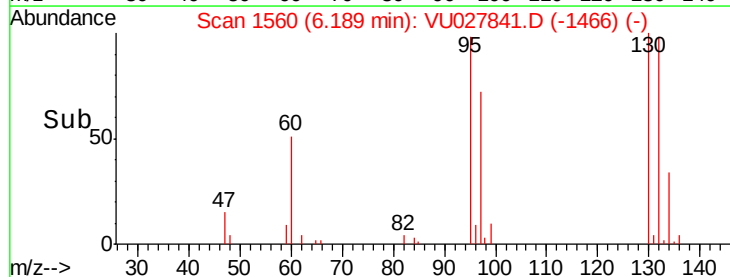
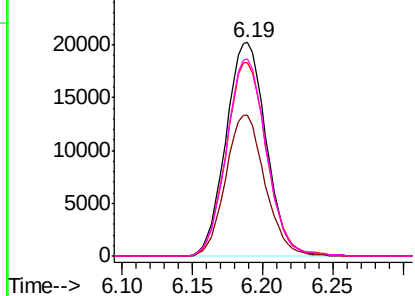


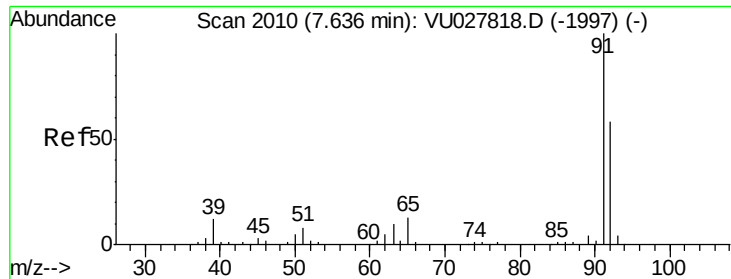
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 47.833 ug/L

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027841.D

Acq: 26 Oct 2018 18:10

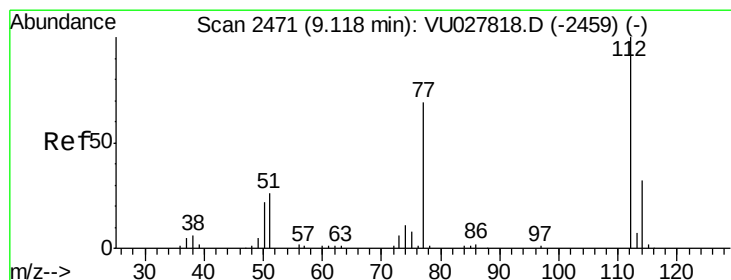
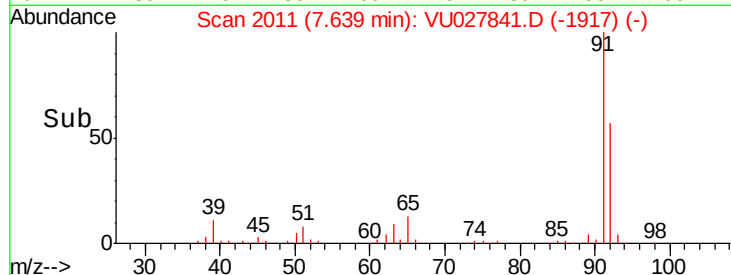
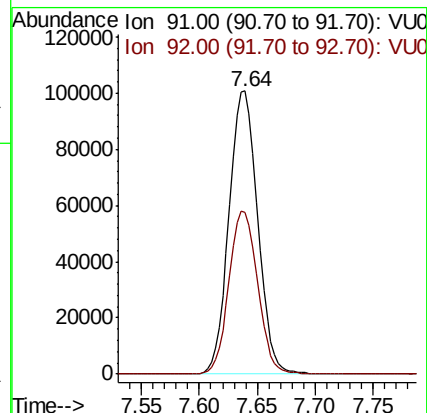
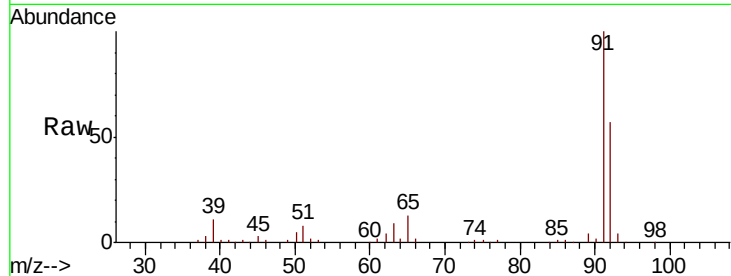
Instrument :
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Tot Ion: 91 Resp: 172350

Ion Ratio Lower Upper

91 100

92 57.2 39.9 74.1



#51

Chlorobenzene

Concen: 46.826 ug/L

RT: 9.12 min Scan# 2471

Delta R.T. -0.00 min

Lab File: VU027841.D

Acq: 26 Oct 2018 18:10

Tgt Ion: 112 Resp: 103440

Ion Ratio Lower Upper

112 100

114 31.3 21.9 40.7

77 66.0 52.2 78.2

