

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\
 Data File : VV007660.D
 Acq On : 20 Sep 2018 17:16
 Operator : SY/MD
 Sample : J4900-18MSD
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A3ZE1MSD

Quant Time: Sep 21 02:34:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 21 01:37:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	101010	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	94765	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	50560	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18880	4.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.59	69	20782	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.14	63	54063	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.20%
20) 2-Butanone-d5	3.96	46	51936	49.04	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	4.41	84	46923	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.09	65	25137	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.10	84	92788	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.13	67	27988	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	92661	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.67	79	10113	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.14	63	38692	44.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21932	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	42377	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

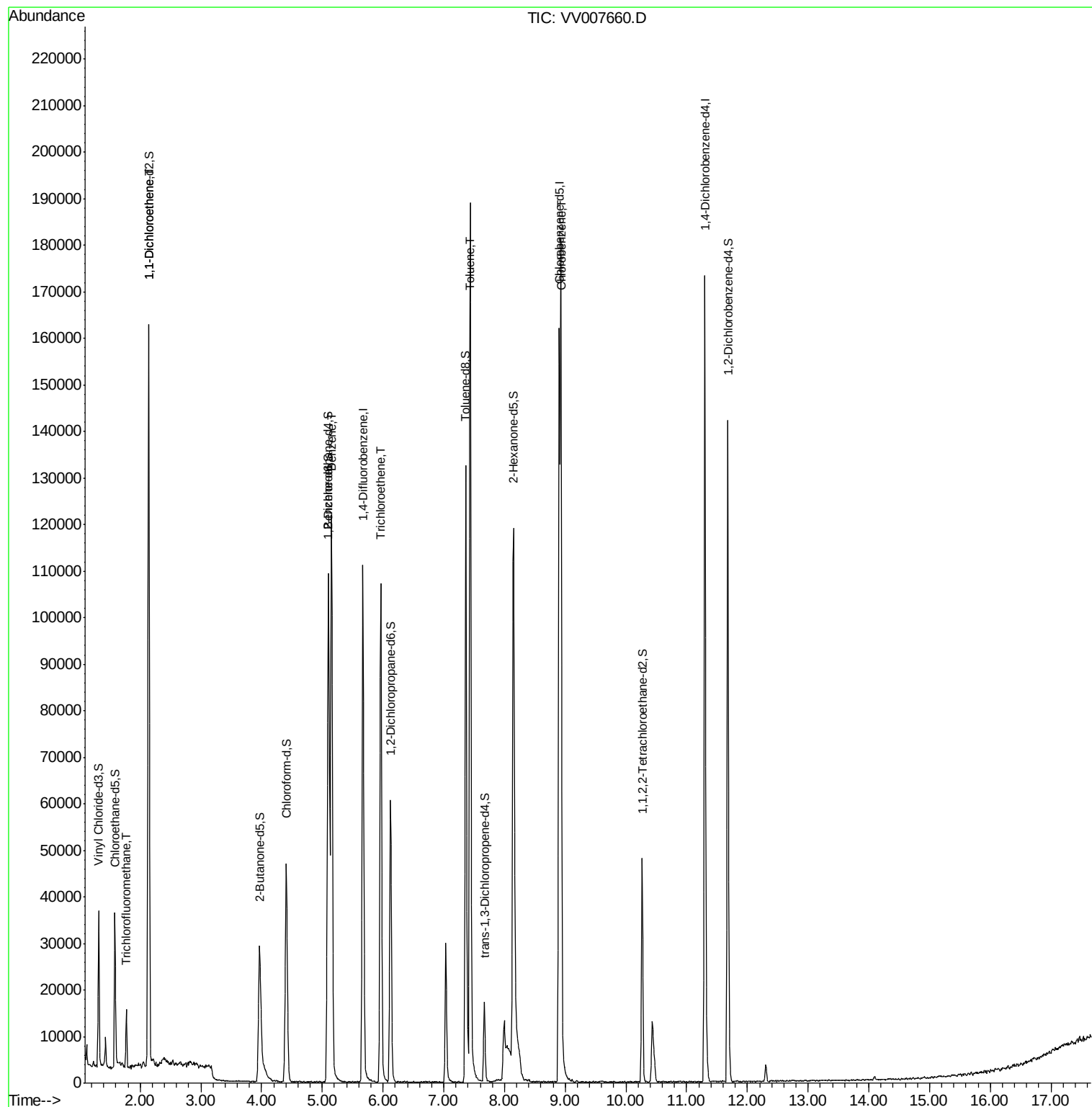
					Ovalue
9) Trichlorofluoromethane	1.77	101	6484	0.422 ug/L	96
12) 1,1-Dichloroethene	2.14	96	35838	4.869 ug/L	96
33) Benzene	5.15	78	122859	4.882 ug/L	100
34) Trichloroethene	5.96	95	36260	4.898 ug/L	98
42) Toluene	7.43	91	142804	4.982 ug/L	100
51) Chlorobenzene	8.93	112	97909	4.926 ug/L	99

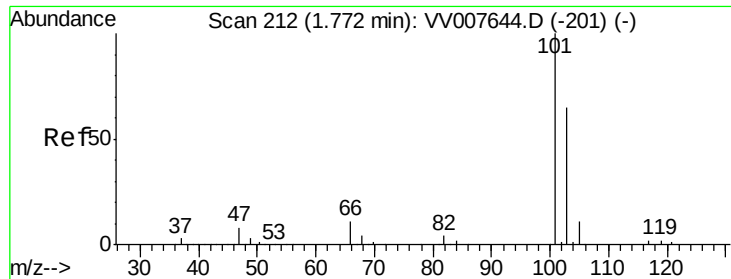
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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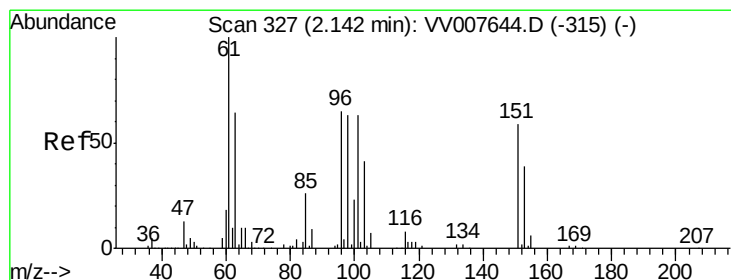
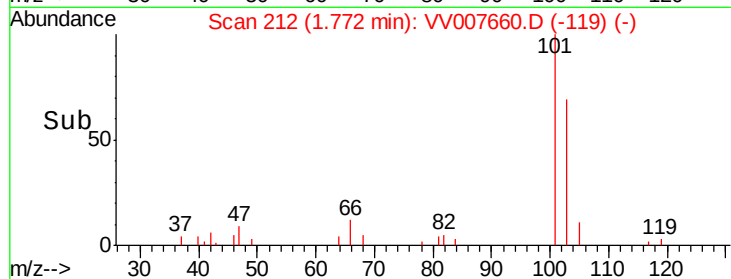
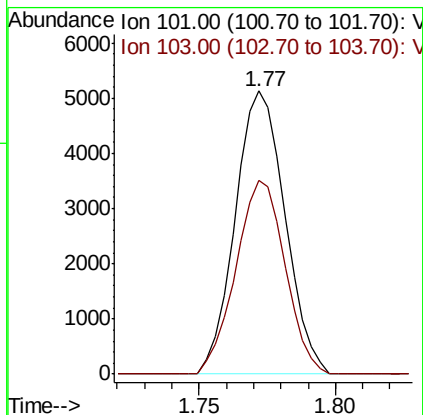
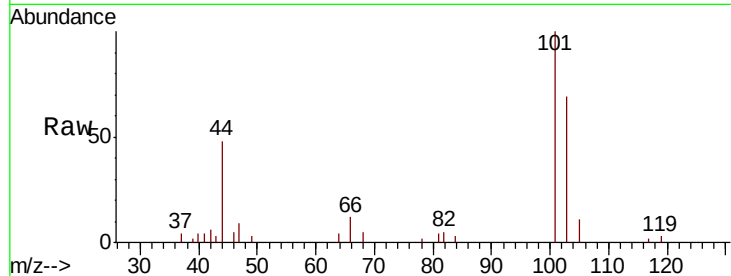


#9

Trichlorofluoromethane
 Concen: 0.422 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV007660.D
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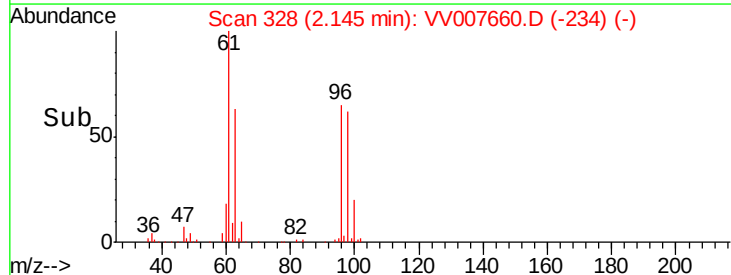
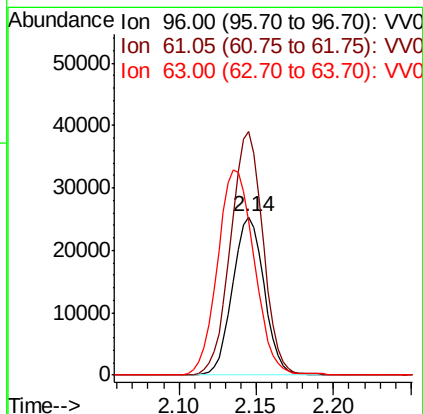
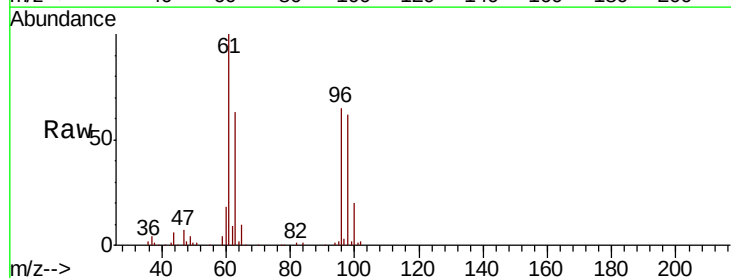
Tot Ion:101 Resp: 6484
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.9 77.9

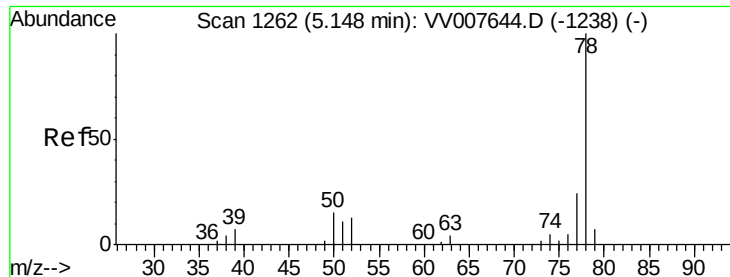


#12

1,1-Dichloroethene
 Concen: 4.869 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007660.D
 Acq: 20 Sep 2018 17:16

Tgt Ion: 96 Resp: 35838
 Ion Ratio Lower Upper
 96 100
 61 153.9 104.3 193.7
 63 97.1 65.2 121.2





#33

Benzene

Concen: 4.882 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

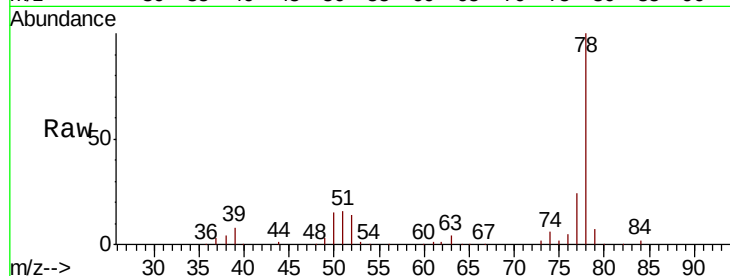
Instrument :

MSVOA_V

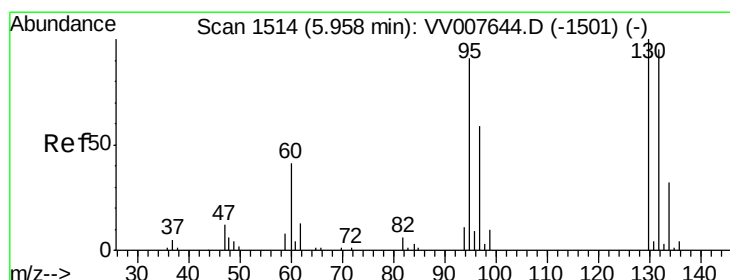
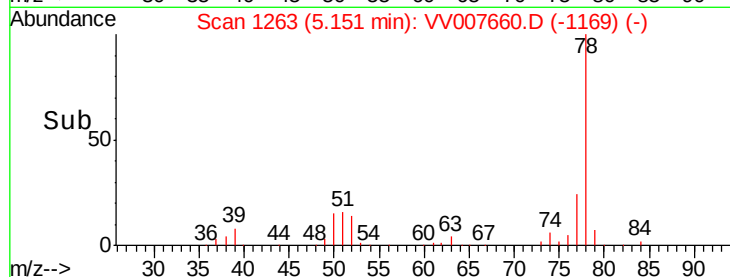
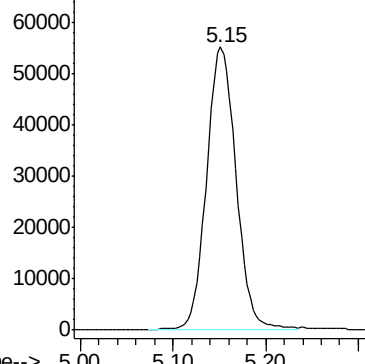
ClientSampleId :

A3ZE1MSD

Tgt Ion: 78 Resp: 122859



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.898 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

Tgt Ion: 95 Resp: 36260

Ion	Ratio	Lower	Upper
95	100		
97	64.6	45.1	83.9
132	108.8	78.2	145.2
130	109.6	78.8	146.3

95 100

97 64.6 45.1 83.9

132 108.8 78.2 145.2

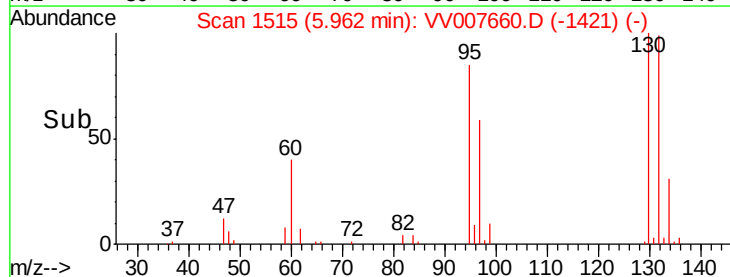
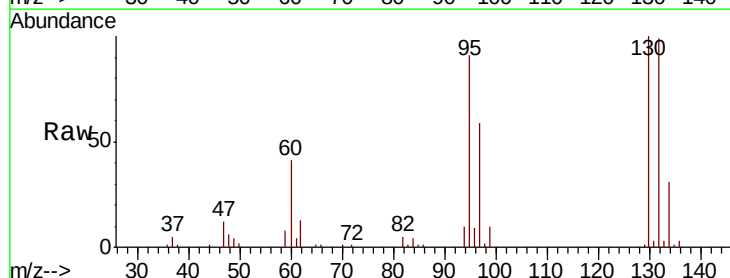
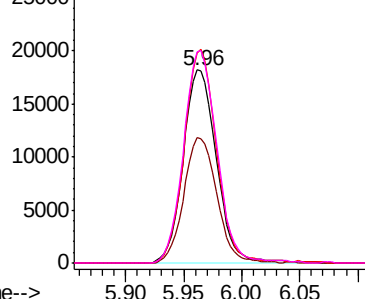
130 109.6 78.8 146.3

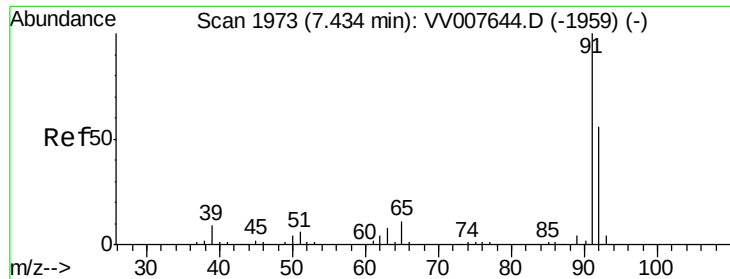
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 4.982 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

Instrument :

MSVOA_V

ClientSampleId :

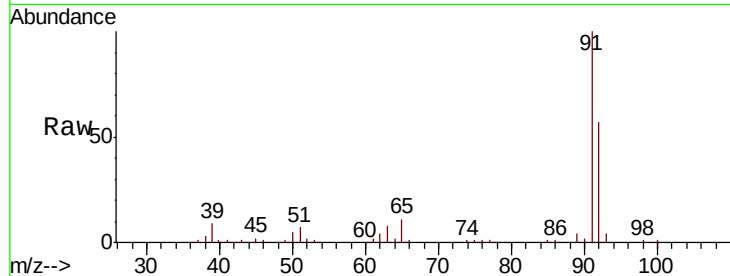
A3ZE1MSD

Tot Ion: 91 Resp: 142804

Ion Ratio Lower Upper

91 100

92 56.6 39.7 73.7



Abundance Ion 91.15 (90.85 to 91.85): VV007644.D (-1959) (-)

Ion 92.15 (91.85 to 92.85): VV007644.D (-1959) (-)

7.43

80000

60000

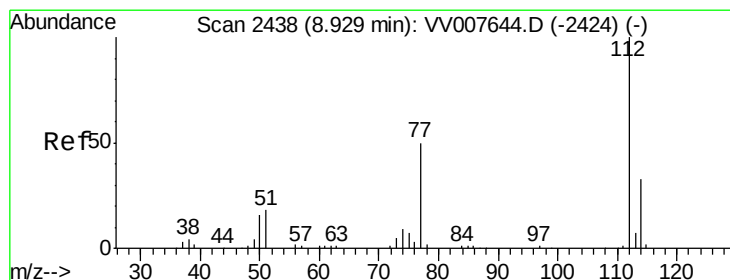
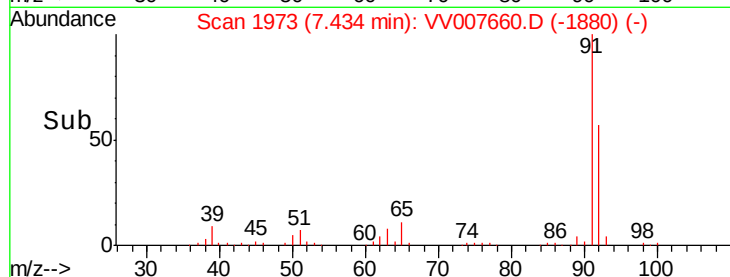
40000

20000

0

Time-->

7.30 7.40 7.50 7.60



#51

Chlorobenzene

Concen: 4.926 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007660.D

Acq: 20 Sep 2018 17:16

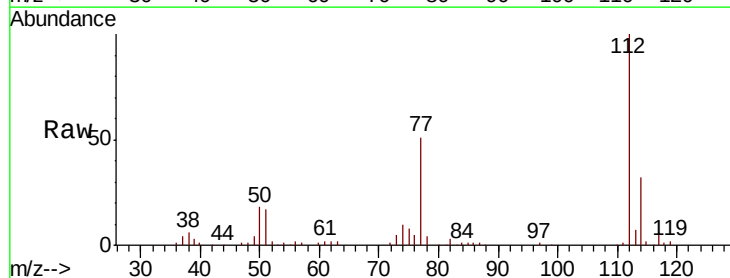
Tgt Ion: 112 Resp: 97909

Ion Ratio Lower Upper

112 100

114 31.6 21.5 39.9

77 50.9 40.8 61.2



Abundance Ion 112.10 (111.80 to 112.80): VV007644.D (-2424) (-)

Ion 114.05 (113.75 to 114.75): VV007644.D (-2424) (-)

Ion 77.10 (76.80 to 77.80): VV007644.D (-2424) (-)

8.93

80000

60000

40000

20000

0

Time-->

8.85 8.90 8.95 9.00 9.05

