

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092018\
 Data File : VV007659.D
 Acq On : 20 Sep 2018 16:48
 Operator : SY/MD
 Sample : J4900-17MS
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A3ZE1MS

Quant Time: Sep 21 02:33:02 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	99228	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	92042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18994	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	20601	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.14	63	54073	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	3.96	46	51931	49.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.82%
24) Chloroform-d	4.41	84	48160	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.09	65	24655	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.10	84	92424	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.12	67	27575	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.36	98	93651	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.67	79	10481	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	38131	45.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21647	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	41373	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

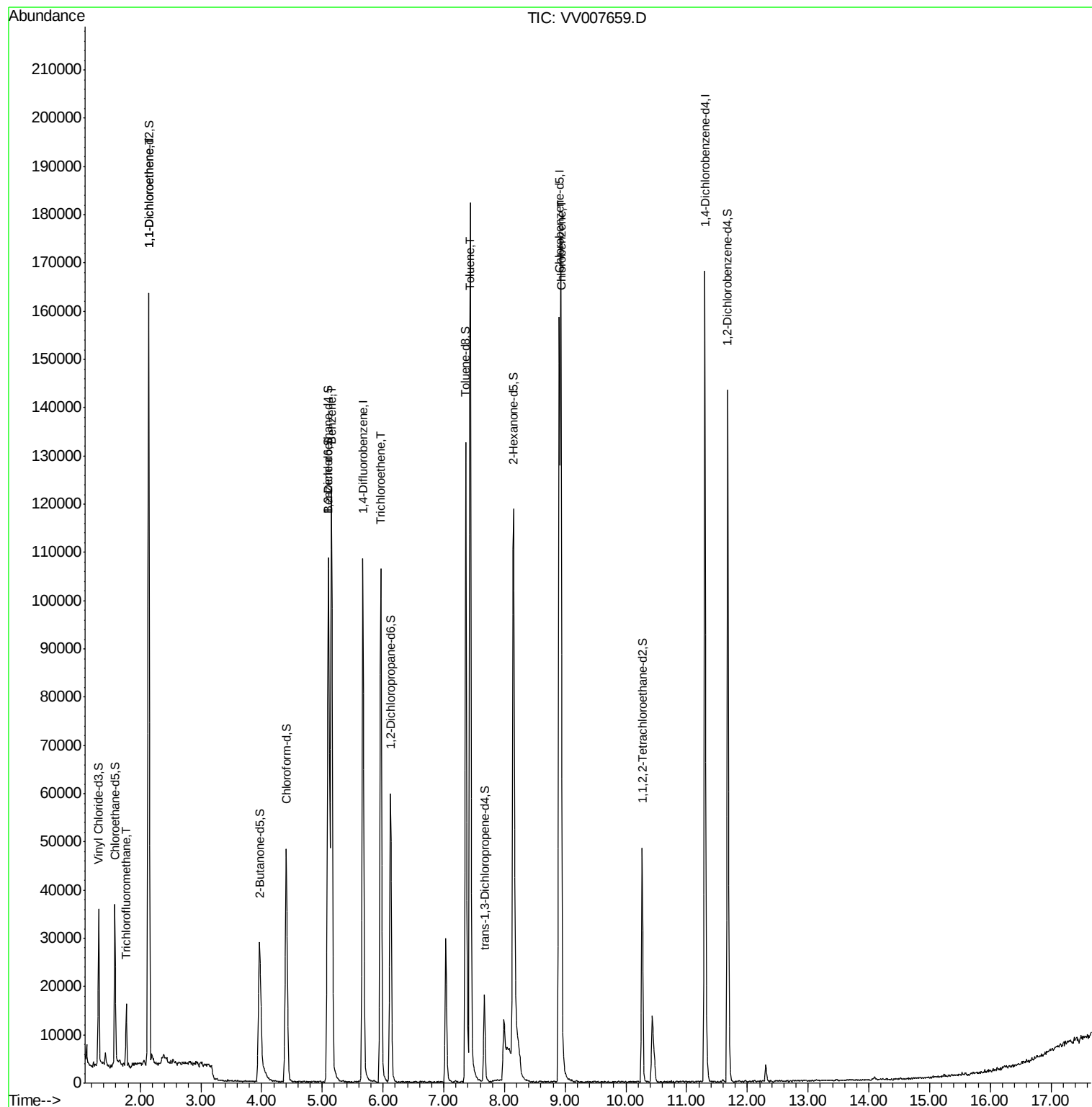
					Ovalue
9) Trichlorofluoromethane	1.77	101	6673	0.443 ug/L	98
12) 1,1-Dichloroethene	2.14	96	35717	4.940 ug/L	99
33) Benzene	5.15	78	121592	4.975 ug/L	100
34) Trichloroethene	5.96	95	35922	4.995 ug/L	98
42) Toluene	7.44	91	141291	5.076 ug/L	99
51) Chlorobenzene	8.93	112	95860	4.965 ug/L	98

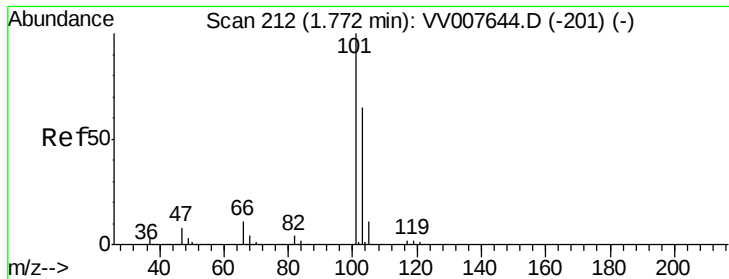
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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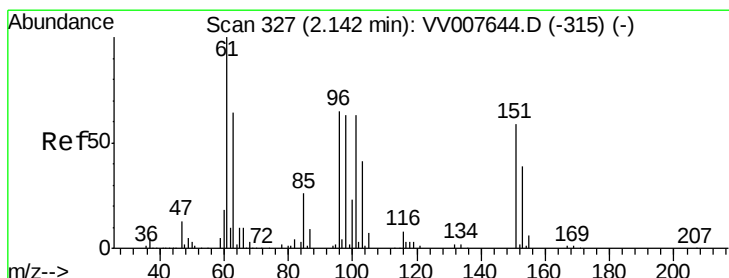
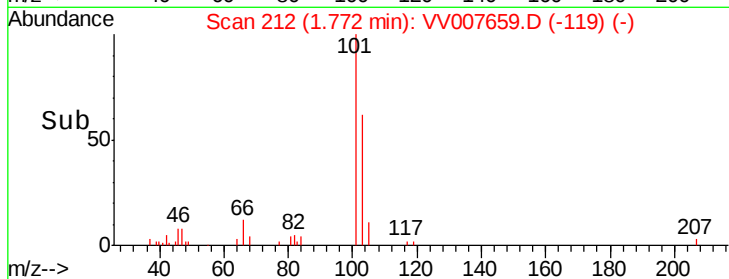
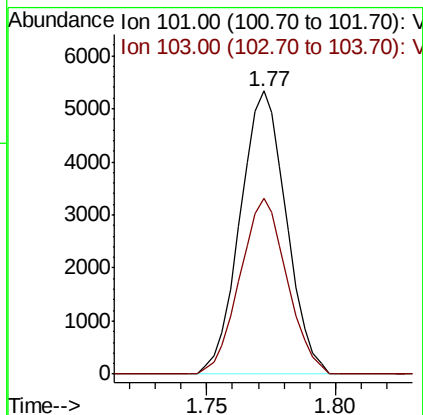
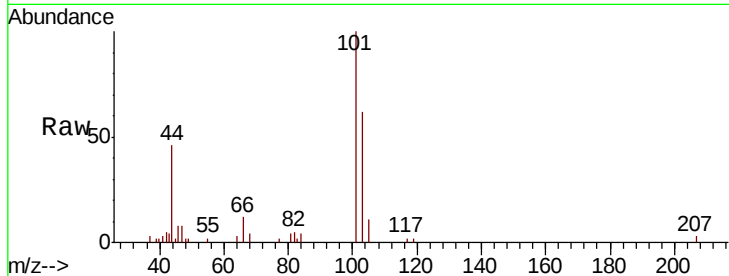


#9

Trichlorofluoromethane
 Concen: 0.443 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VV007659.D
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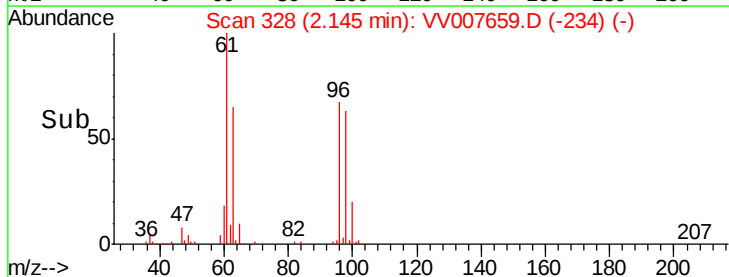
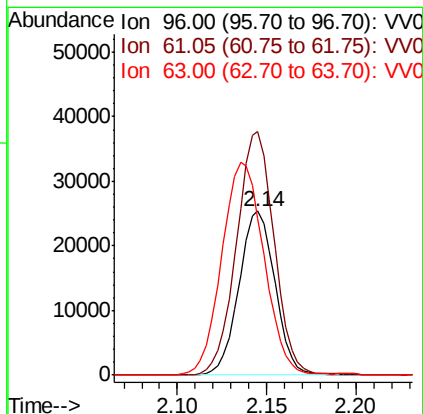
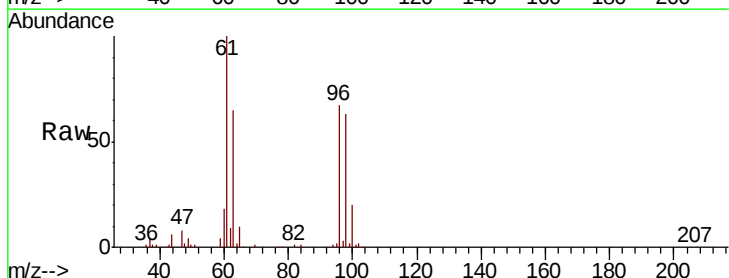
Tot Ion:101 Resp: 6673
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.9 77.9

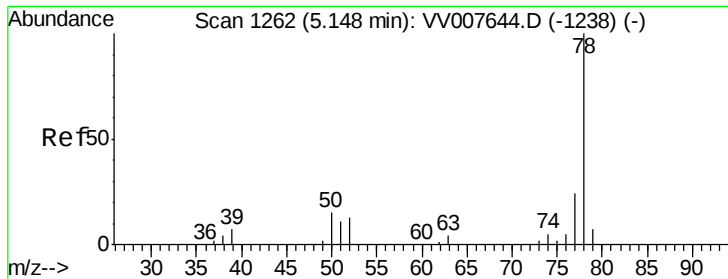


#12

1,1-Dichloroethene
 Concen: 4.940 ug/L
 RT: 2.14 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV007659.D
 Acq: 20 Sep 2018 16:48

Tgt Ion: 96 Resp: 35717
 Ion Ratio Lower Upper
 96 100
 61 148.3 104.3 193.7
 63 95.7 65.2 121.2





#33

Benzene

Concen: 4.975 ug/L

RT: 5.15 min Scan# 1263

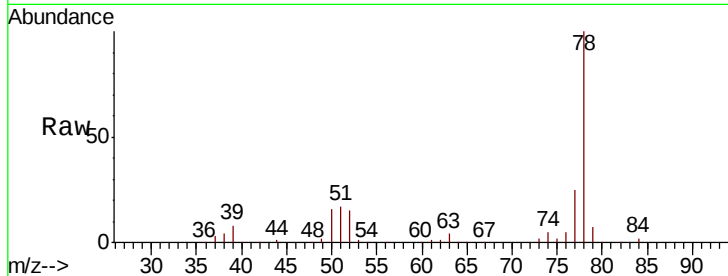
Delta R.T. 0.00 min

Lab File: VV007659.D

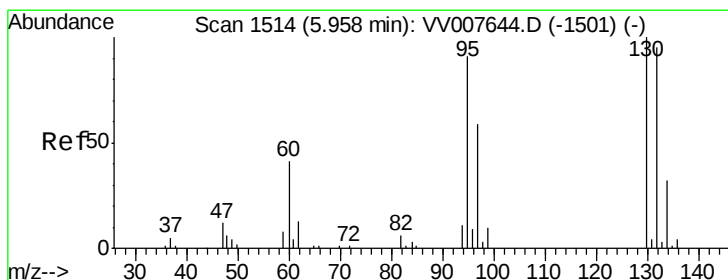
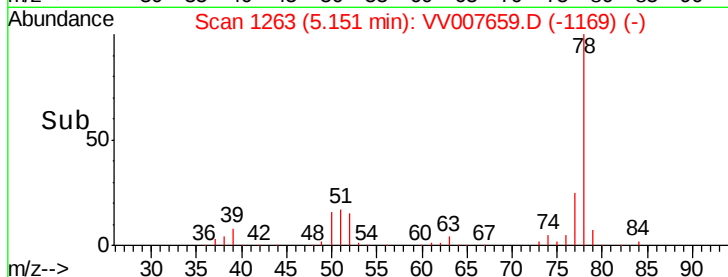
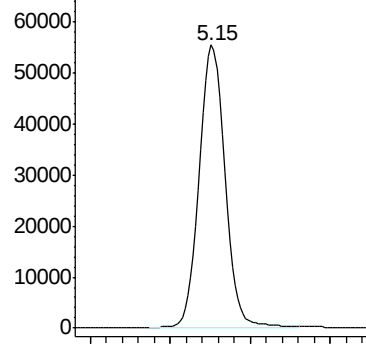
Acq: 20 Sep 2018 16:48

Instrument :
MSVOA_V
ClientSampleId :
A3ZE1MS

Tgt Ion: 78 Resp: 121592



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.995 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.01 min

Lab File: VV007659.D

Acq: 20 Sep 2018 16:48

Tgt Ion: 95 Resp: 35922

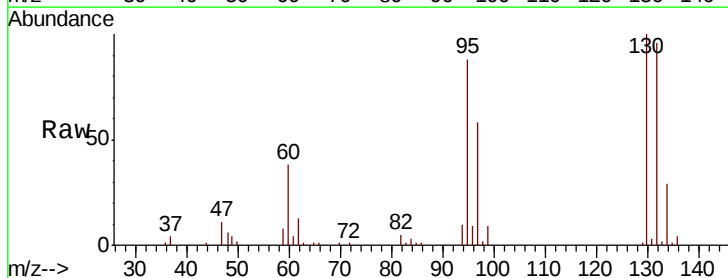
Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.9
132	108.8	78.2	145.2
130	113.2	78.8	146.3

95 100

97 65.4 45.1 83.9

132 108.8 78.2 145.2

130 113.2 78.8 146.3

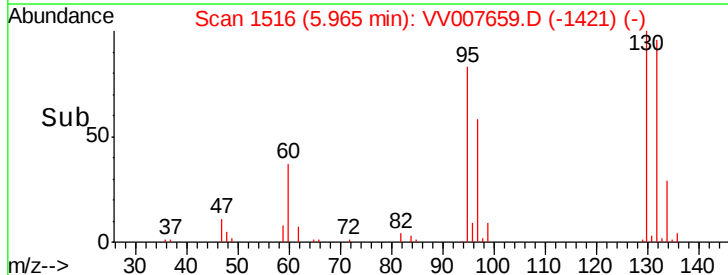
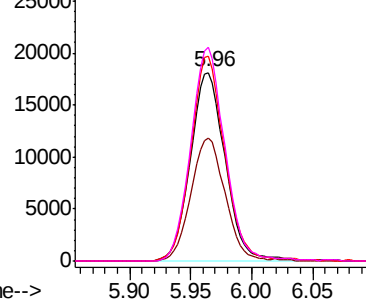


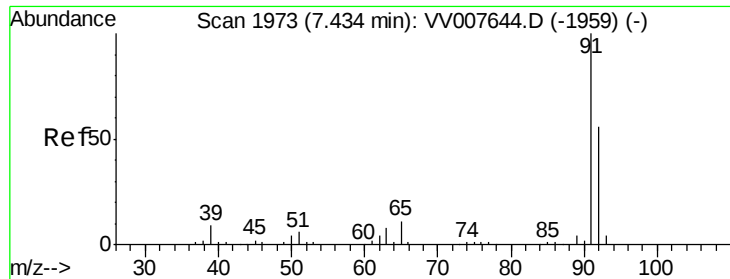
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 5.076 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007659.D

Acq: 20 Sep 2018 16:48

Instrument :

MSVOA_V

ClientSampleId :

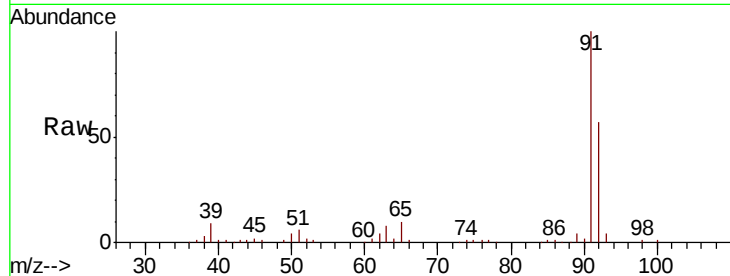
A3ZE1MS

Tot Ion: 91 Resp: 141291

Ion Ratio Lower Upper

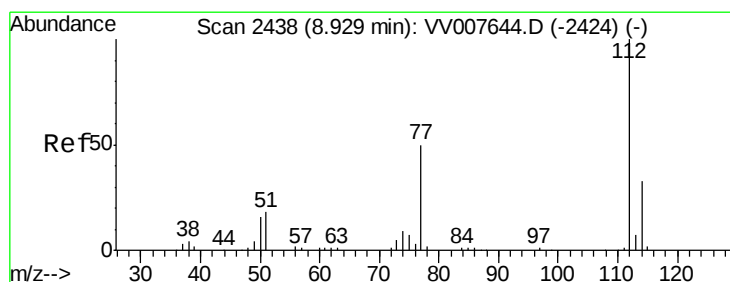
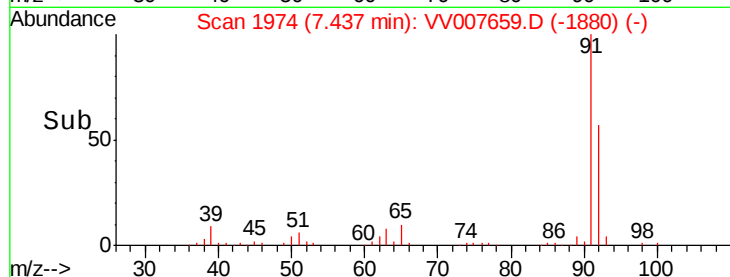
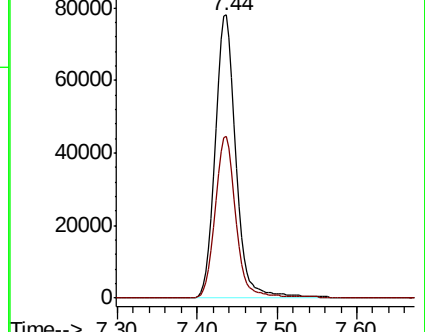
91 100

92 57.3 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) (-)



#51

Chlorobenzene

Concen: 4.965 ug/L

RT: 8.93 min Scan# 2438

Delta R.T. 0.00 min

Lab File: VV007659.D

Acq: 20 Sep 2018 16:48

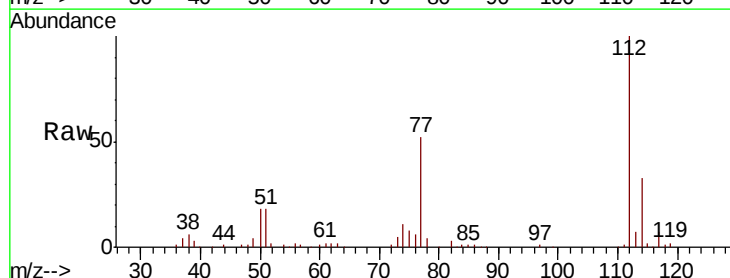
Tgt Ion: 112 Resp: 95860

Ion Ratio Lower Upper

112 100

114 32.9 21.5 39.9

77 51.9 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) (-)

