

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007977.D
 Acq On : 27 Dec 2018 18:45
 Operator : SY/AP
 Sample : J6540-05MS
 Misc : 5.78G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAEN7MS

Quant Time: Dec 28 06:19:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 28 05:56:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	88323	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	81564	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	40995	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	17389	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
7) Chloroethane-d5	2.89	69	12706	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
10) 1,1-Dichloroethene-d2	4.01	63	48301	20.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.00%
20) 2-Butanone-d5	7.08	46	25926	69.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.68%#
24) Chloroform-d	7.65	84	49313	20.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.96%
26) 1,2-Dichloroethane-d4	8.31	65	34436	24.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.76%
29) Benzene-d6	8.27	84	93044	20.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.36%
33) 1,2-Dichloropropane-d6	9.27	67	26557	21.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.36%
37) Toluene-d8	10.32	98	88960	19.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.84%
38) trans-1,3-Dichloropropene-	10.58	79	16050	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.88%
39) 2-Hexanone-d5	10.93	63	22837	71.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.50%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34299	28.64	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	35966	21.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.88%

Target Compounds

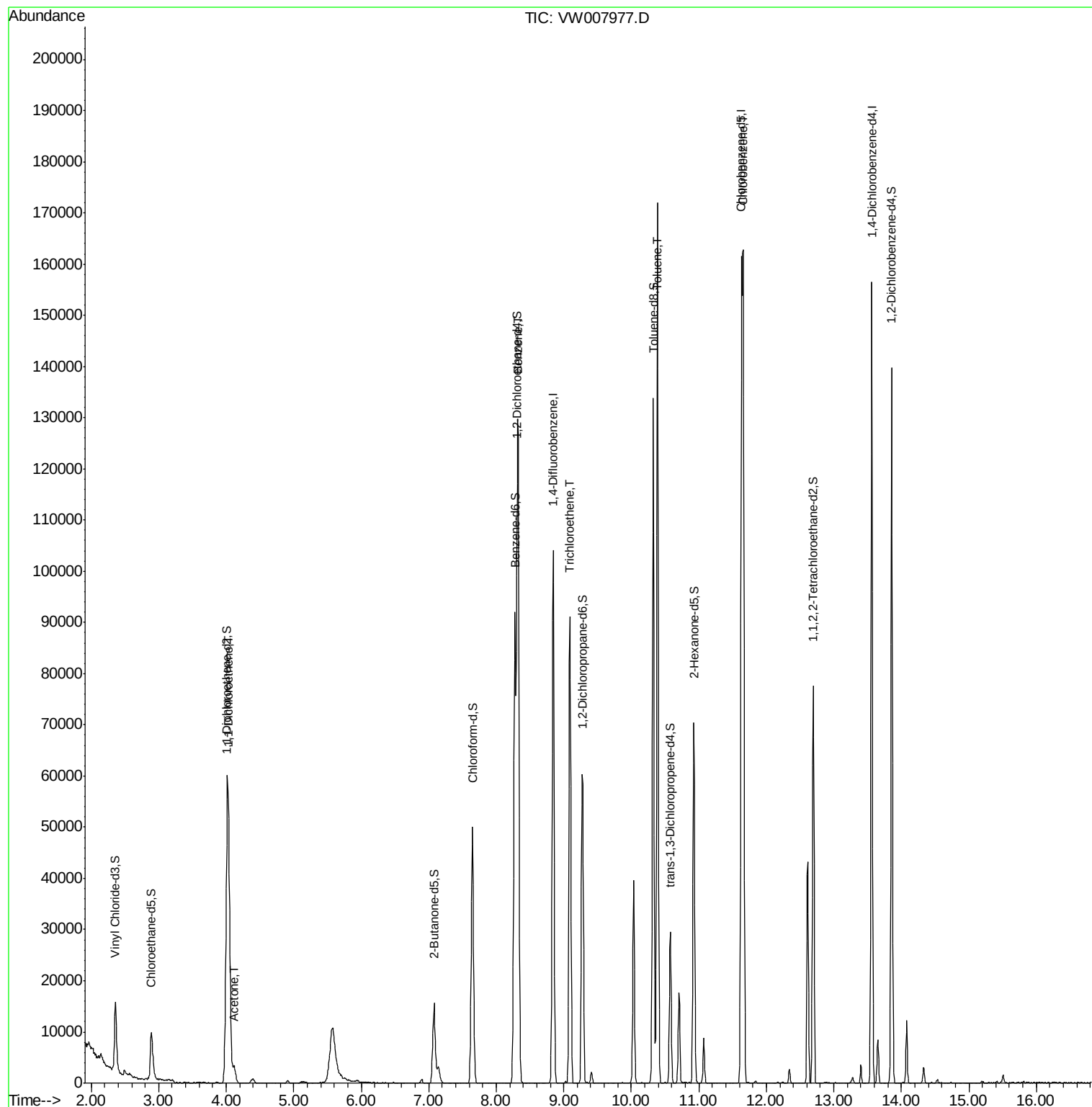
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	24849	24.338	ug/L	92
13) Acetone	4.12	43	4484	12.363	ug/L	98
34) Benzene	8.32	78	106748	24.458	ug/L	100
35) Trichloroethene	9.09	95	31263	24.654	ug/L	98
44) Toluene	10.39	91	122519	25.090	ug/L	98
52) Chlorobenzene	11.66	112	80589	25.352	ug/L	99

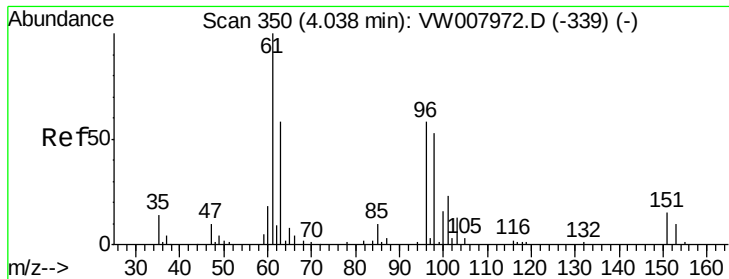
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 28 05:56:01 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.338 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW007977.D

Acq: 27 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

GAEN7MS

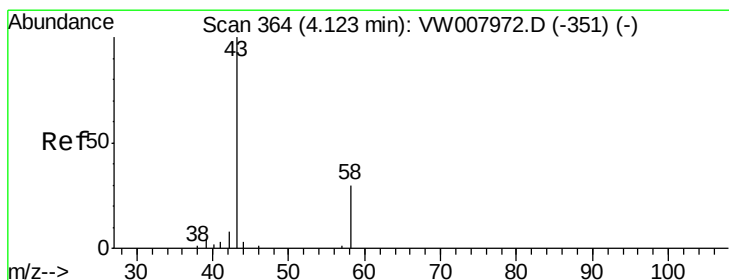
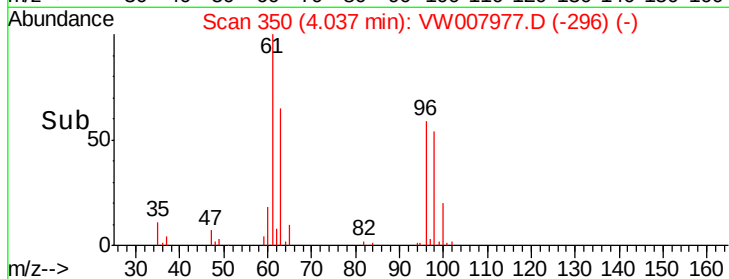
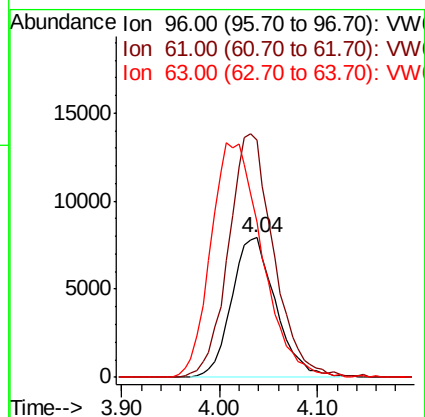
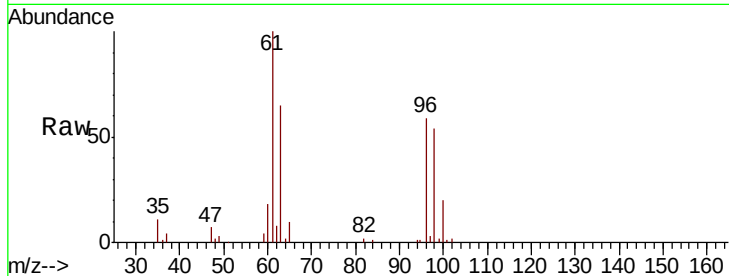
Tot Ion: 96 Resp: 24849

Ion Ratio Lower Upper

96 100

61 170.4 120.3 223.3

63 111.5 91.6 170.0



#13

Acetone

Concen: 12.363 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007977.D

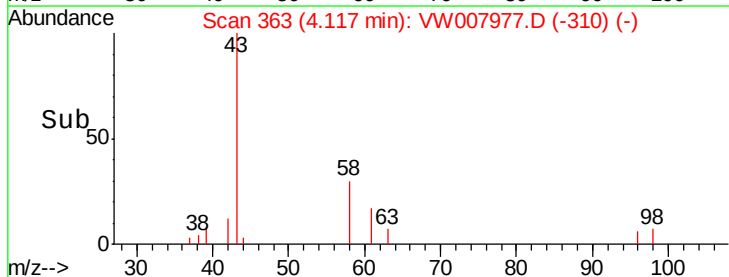
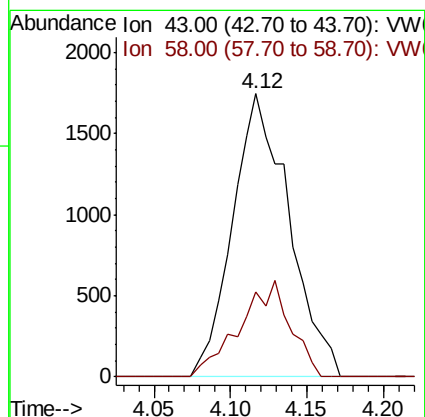
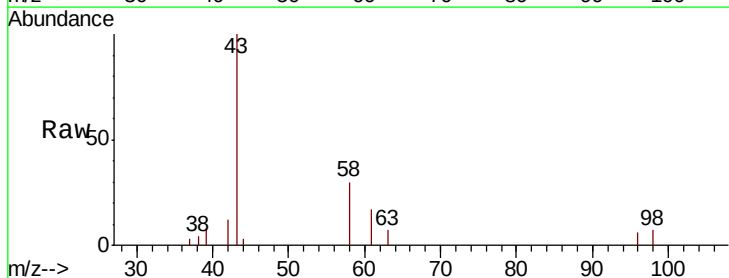
Acq: 27 Dec 2018 18:45

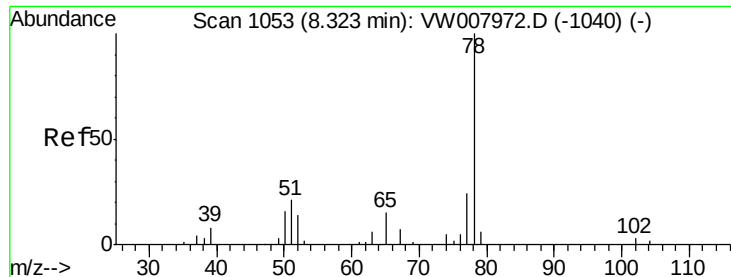
Tgt Ion: 43 Resp: 4484

Ion Ratio Lower Upper

43 100

58 30.5 0.0 58.6





#34

Benzene

Concen: 24.458 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007977.D

Acq: 27 Dec 2018 18:45

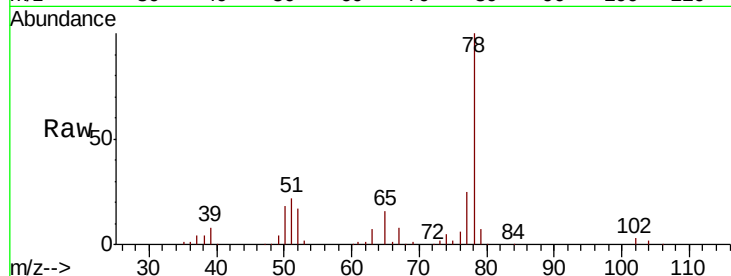
Instrument :

MSVOA_W

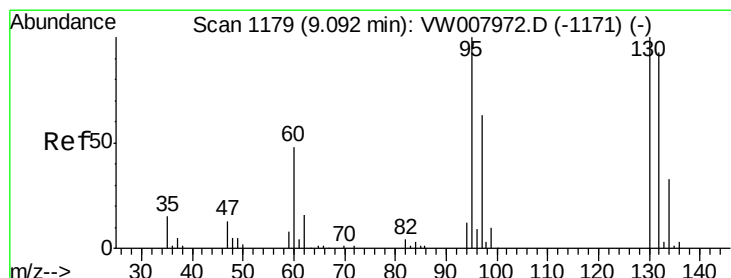
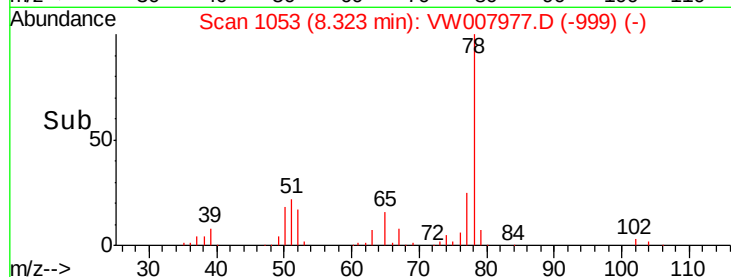
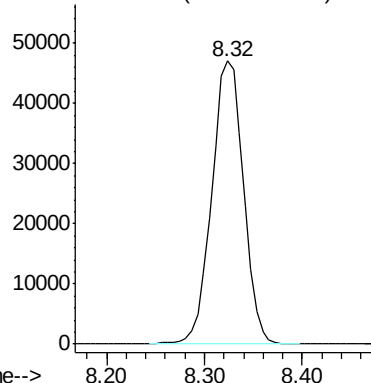
ClientSampleId :

GAEN7MS

Tgt Ion: 78 Resp: 106748



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.654 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007977.D

Acq: 27 Dec 2018 18:45

Tgt Ion: 95 Resp: 31263

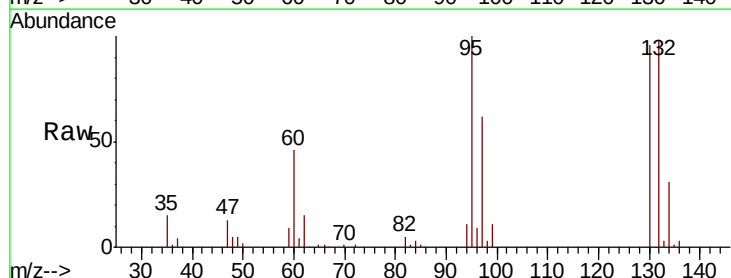
Ion	Ratio	Lower	Upper
95	100		
97	62.8	44.4	82.5
132	94.6	67.8	126.0
130	99.1	70.3	130.7

95 100

97 62.8 44.4 82.5

132 94.6 67.8 126.0

130 99.1 70.3 130.7

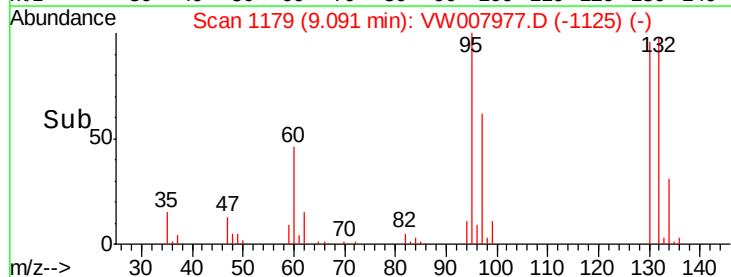
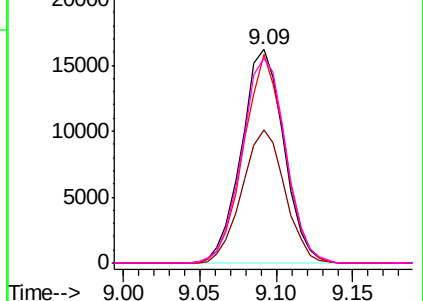


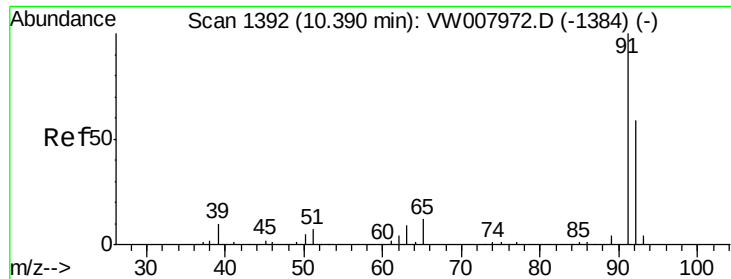
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 25.090 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007977.D

Acq: 27 Dec 2018 18:45

Instrument :

MSVOA_W

ClientSampleId :

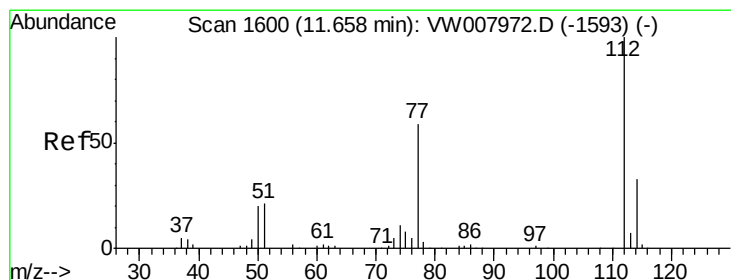
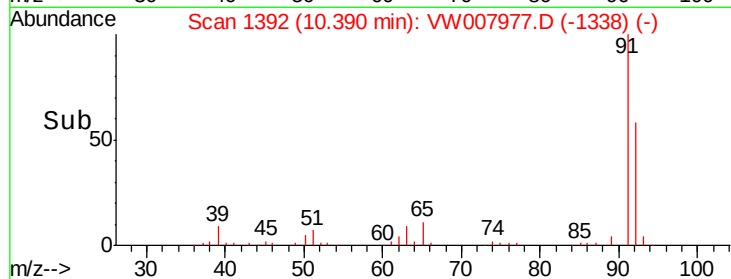
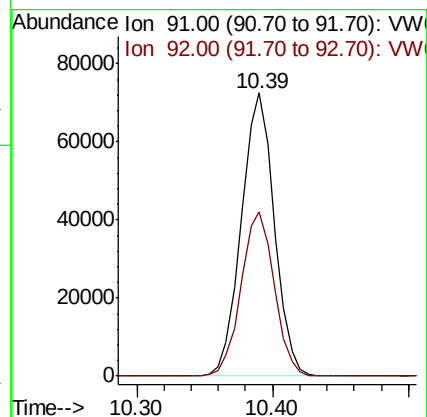
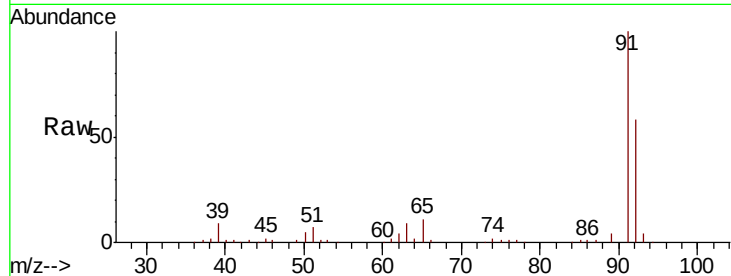
GAEN7MS

Tot Ion: 91 Resp: 122519

Ion Ratio Lower Upper

91 100

92 58.2 39.6 73.6



#52

Chlorobenzene

Concen: 25.352 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007977.D

Acq: 27 Dec 2018 18:45

Tgt Ion: 112 Resp: 80589

Ion Ratio Lower Upper

112 100

77 59.8 47.8 71.6

114 32.5 22.2 41.2

