

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
 Data File : VW007978.D
 Acq On : 27 Dec 2018 19:11
 Operator : SY/AP
 Sample : J6540-06MSD
 Misc : 6.47G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAEN7MSD

Quant Time: Dec 28 06:22:47 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	68057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	64535	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	30693	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	14709	21.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.72%
7) Chloroethane-d5	2.89	69	10620	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.00%
10) 1,1-Dichloroethene-d2	4.01	63	40100	22.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.32%
20) 2-Butanone-d5	7.08	46	15127	52.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.76%
24) Chloroform-d	7.65	84	38915	21.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.96%
26) 1,2-Dichloroethane-d4	8.30	65	27027	24.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.60%
29) Benzene-d6	8.27	84	76446	21.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.48%
33) 1,2-Dichloropropane-d6	9.27	67	21328	21.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.64%
37) Toluene-d8	10.32	98	72865	20.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.64%
38) trans-1,3-Dichloropropene-	10.58	79	12367	21.88	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.52%
39) 2-Hexanone-d5	10.93	63	12777	50.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	22892	24.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	28017	22.60	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.40%

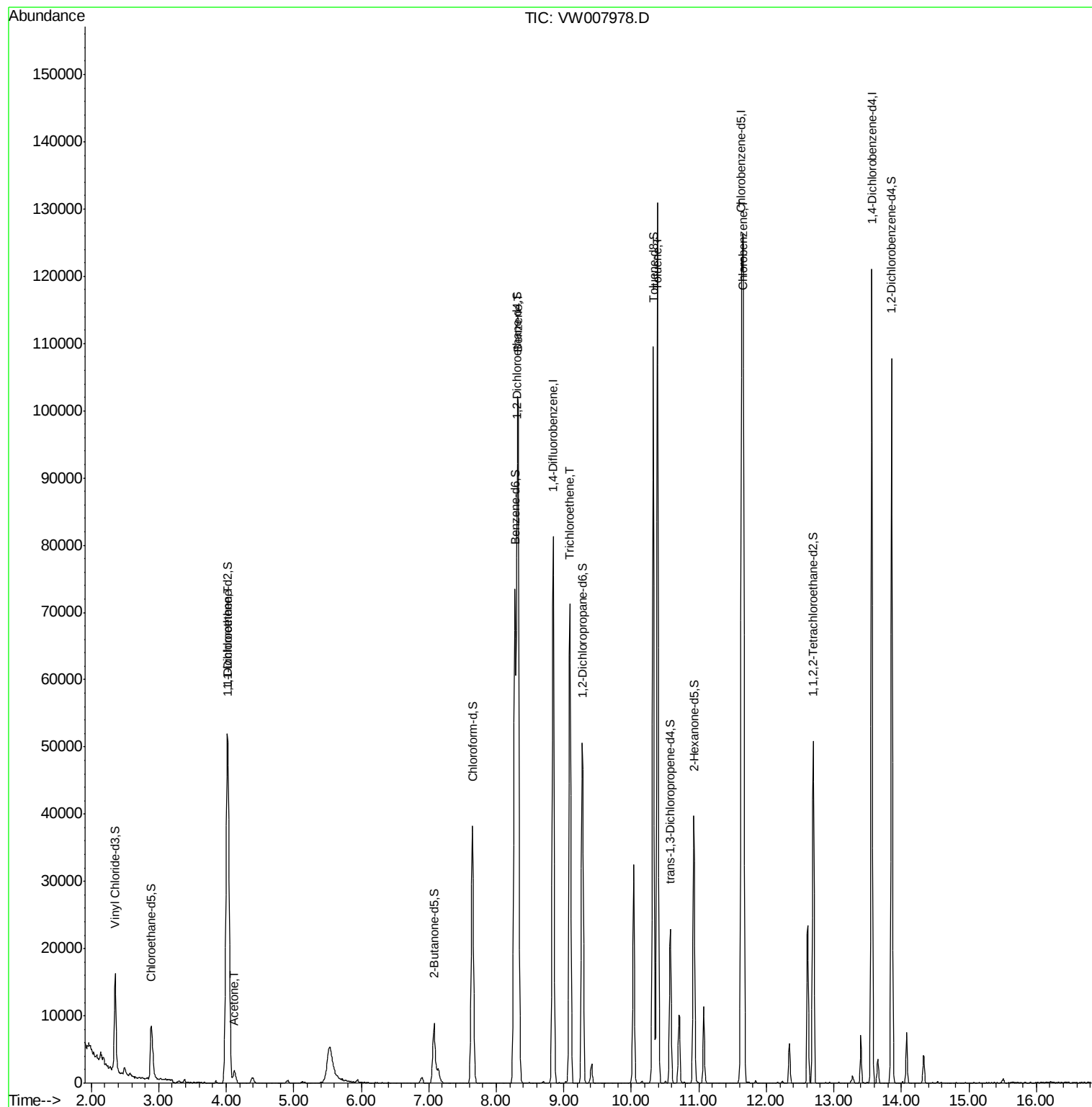
Target Compounds					Ovalue
12) 1,1-Dichloroethene	4.03	96	19506	24.794	ug/L 90
13) Acetone	4.12	43	3209	11.483	ug/L 98
34) Benzene	8.32	78	84566	24.488	ug/L 100
35) Trichloroethene	9.09	95	23814	23.735	ug/L 99
44) Toluene	10.39	91	95695	24.768	ug/L 98
52) Chlorobenzene	11.66	112	62002	24.652	ug/L 98

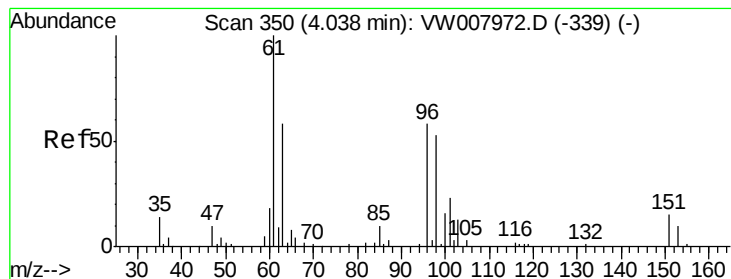
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 24.794 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW007978.D

Acq: 27 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

GAEN7MSD

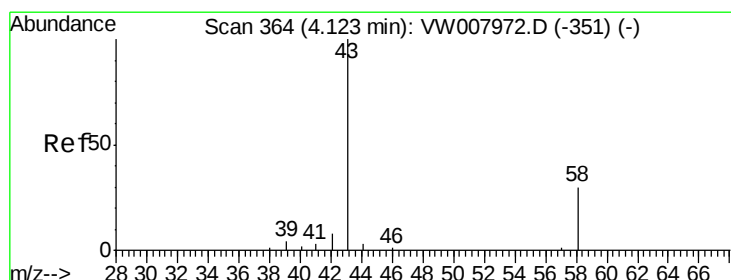
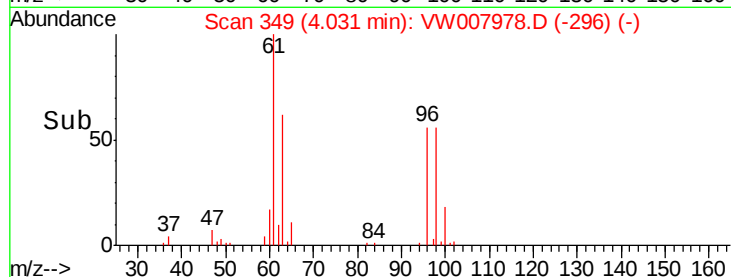
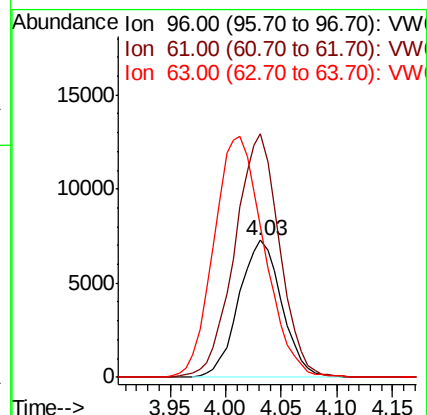
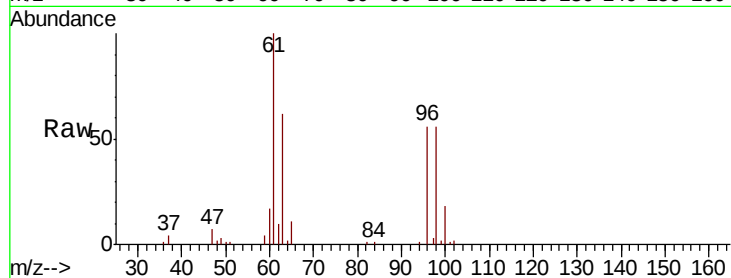
Tot Ion: 96 Resp: 19506

Ion Ratio Lower Upper

96 100

61 177.8 120.3 223.3

63 110.3 91.6 170.0



#13

Acetone

Concen: 11.483 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW007978.D

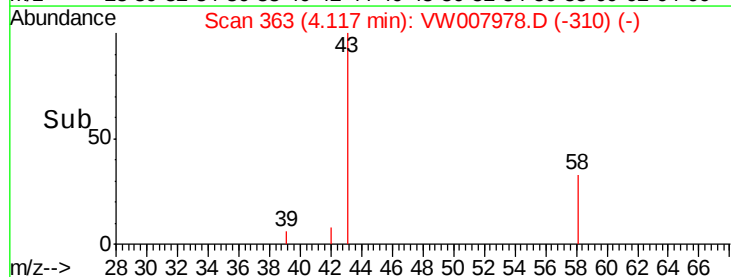
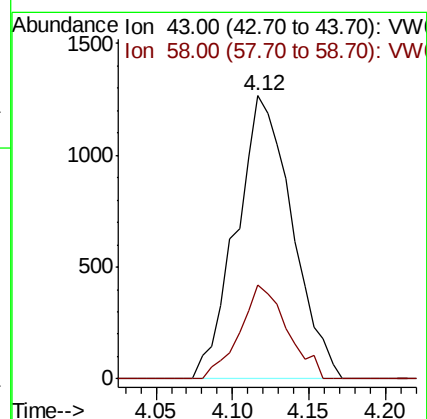
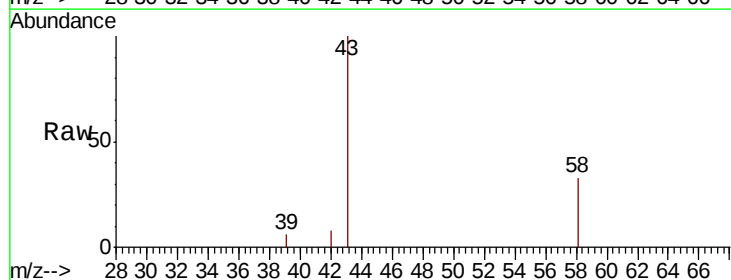
Acq: 27 Dec 2018 19:11

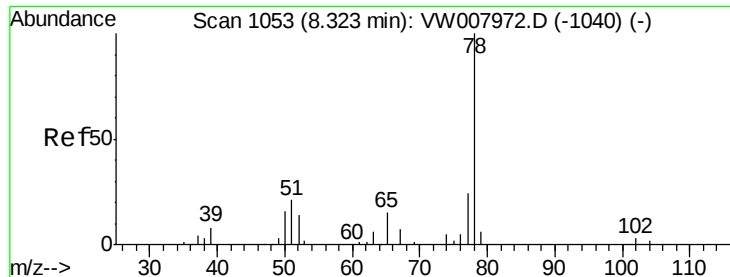
Tgt Ion: 43 Resp: 3209

Ion Ratio Lower Upper

43 100

58 28.3 0.0 58.6





#34

Benzene

Concen: 24.488 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW007978.D

Acq: 27 Dec 2018 19:11

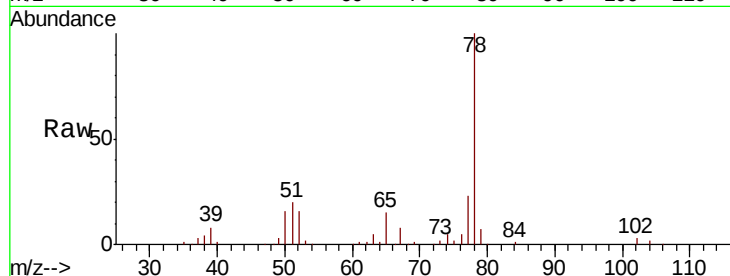
Instrument :

MSVOA_W

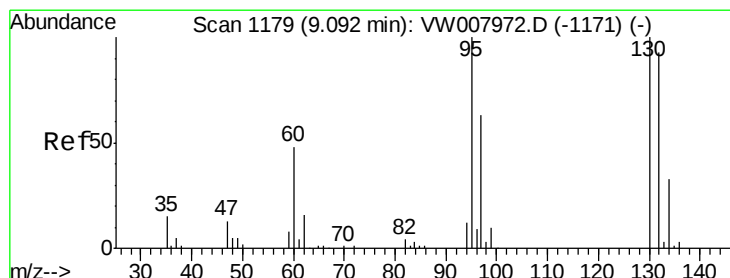
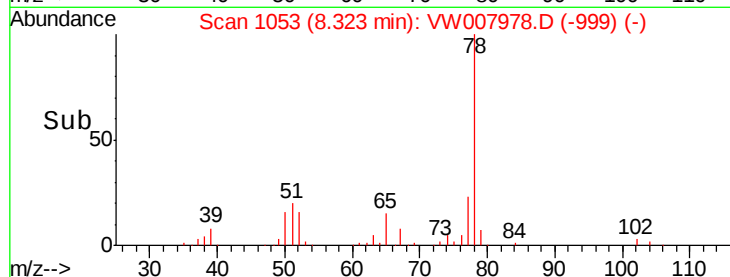
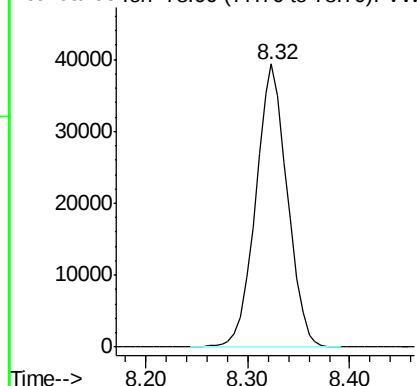
ClientSampleId :

GAEN7MSD

Tgt Ion: 78 Resp: 84566



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 23.735 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW007978.D

Acq: 27 Dec 2018 19:11

Tgt Ion: 95 Resp: 23814

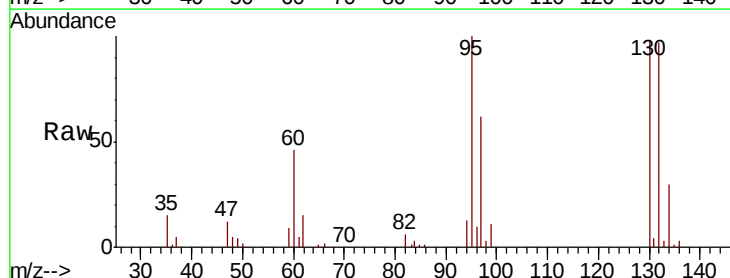
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.4	82.5
132	98.1	67.8	126.0
130	100.5	70.3	130.7

95 100

97 64.2 44.4 82.5

132 98.1 67.8 126.0

130 100.5 70.3 130.7

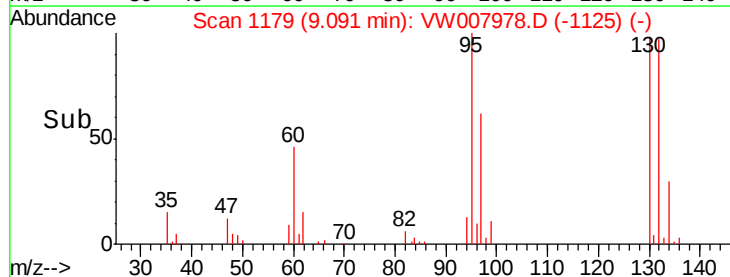
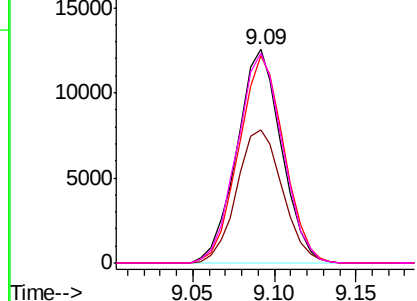


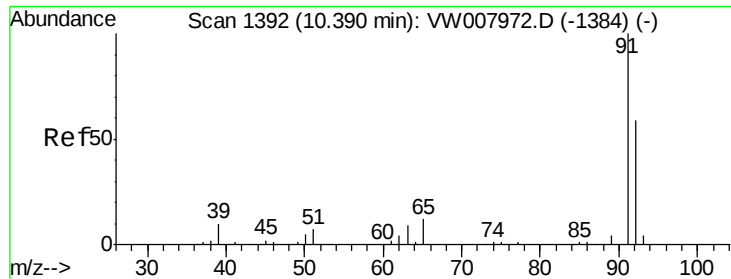
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 24.768 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007978.D

Acq: 27 Dec 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

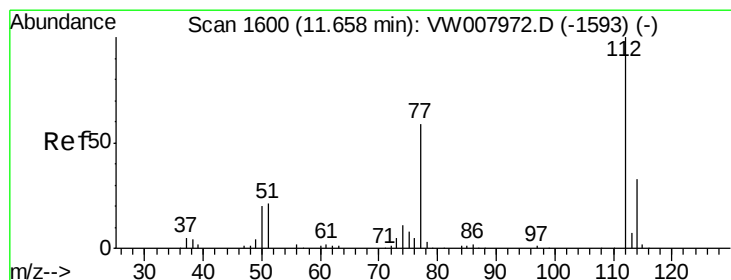
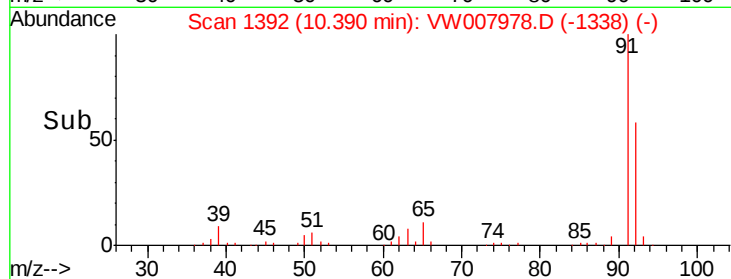
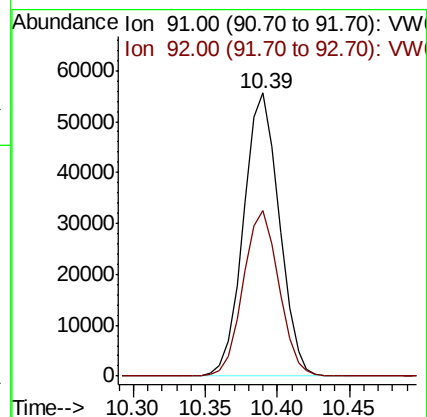
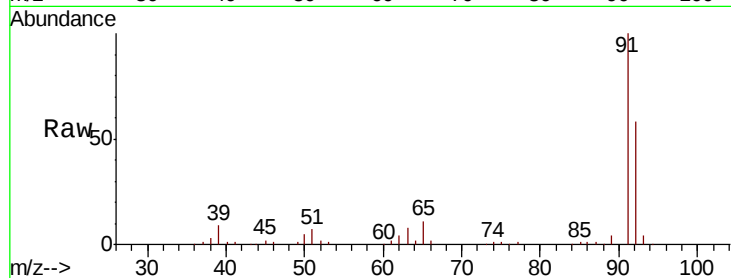
GAEN7MSD

Tot Ion: 91 Resp: 95695

Ion Ratio Lower Upper

91 100

92 58.4 39.6 73.6



#52

Chlorobenzene

Concen: 24.652 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW007978.D

Acq: 27 Dec 2018 19:11

Tgt Ion: 112 Resp: 62002

Ion Ratio Lower Upper

112 100

77 57.9 47.8 71.6

114 30.4 22.2 41.2

