

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111519\
 Data File : VW014038.D
 Acq On : 15 Nov 2019 14:01
 Operator : SY/VA
 Sample : K5811-08MSD
 Misc : 3.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETOP4MSD

Quant Time: Nov 16 04:31:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 16 04:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	349201	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	322968	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	153232	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	109596	19.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.68%
7) Chloroethane-d5	2.89	69	97408	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	4.02	63	237480	20.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.08%
20) 2-Butanone-d5	7.07	46	87952	54.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.68%
24) Chloroform-d	7.64	84	256720	23.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.64%
26) 1,2-Dichloroethane-d4	8.31	65	142209	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.36%
29) Benzene-d6	8.27	84	538141	23.48	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.92%
33) 1,2-Dichloropropane-d6	9.27	67	166562	24.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.24%
37) Toluene-d8	10.32	98	489291	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.08%
38) trans-1,3-Dichloropropene-	10.57	79	67912	23.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.48%
39) 2-Hexanone-d5	10.92	63	65489	51.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129522	25.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.20%
61) 1,2-Dichlorobenzene-d4	13.85	152	142733	23.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.72%

Target Compounds

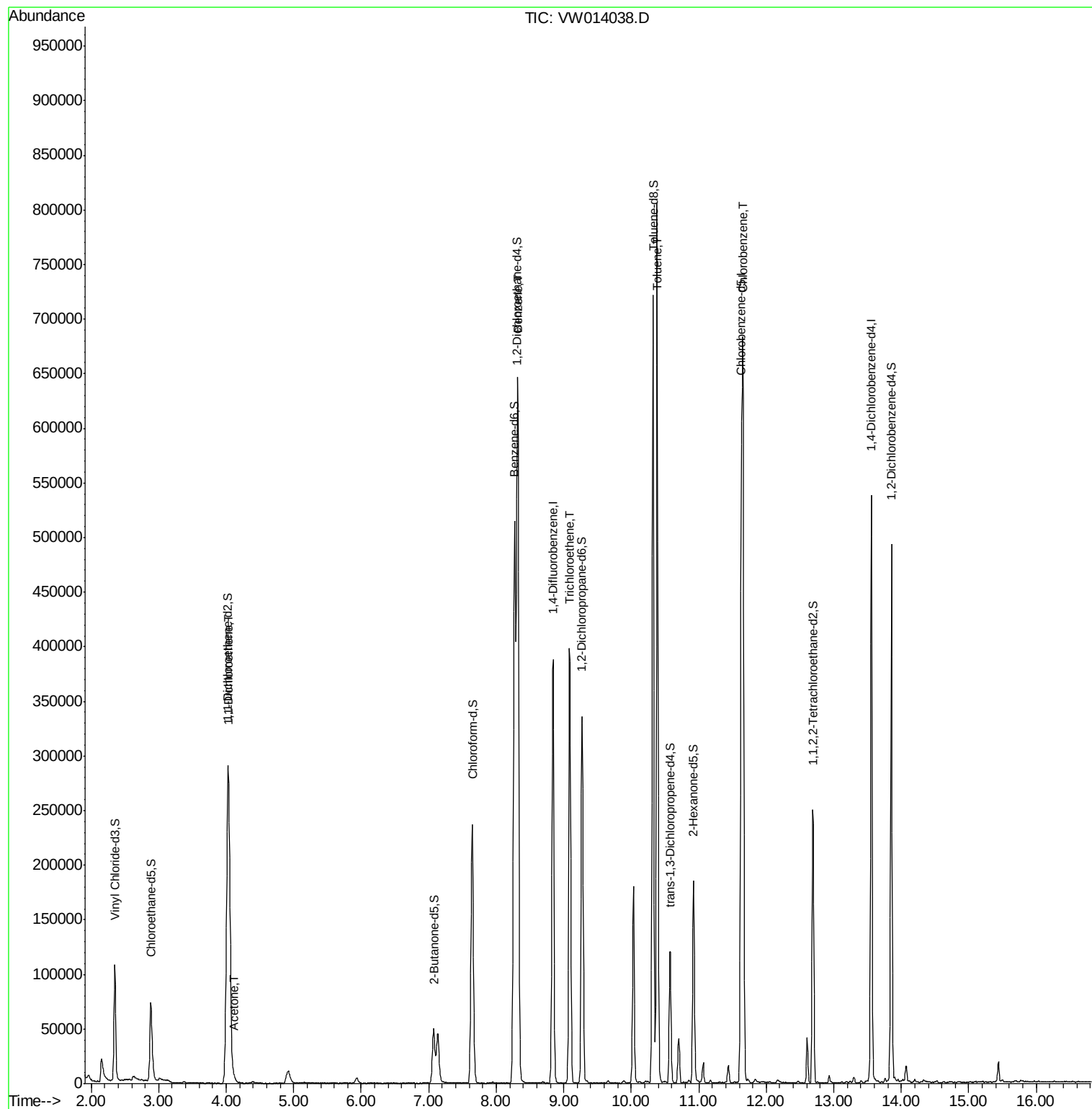
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	124609	21.138	ug/L	89
13) Acetone	4.12	43	6190	3.758	ug/L	87
34) Benzene	8.32	78	560328	23.653	ug/L	100
35) Trichloroethene	9.09	95	141487	22.390	ug/L	99
44) Toluene	10.38	91	588576	22.788	ug/L	99
52) Chlorobenzene	11.66	112	362501	22.388	ug/L	99

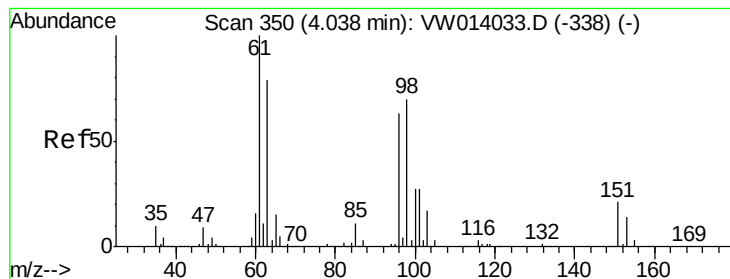
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Nov 16 04:05:25 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.138 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

ETOP4MSD

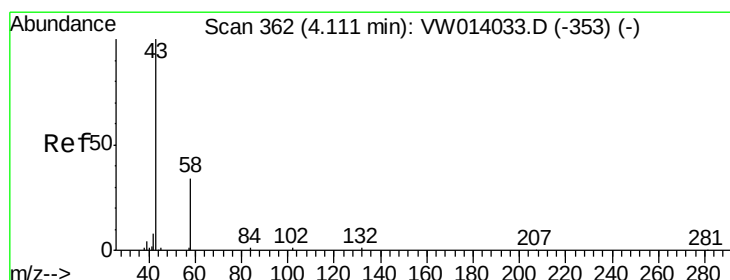
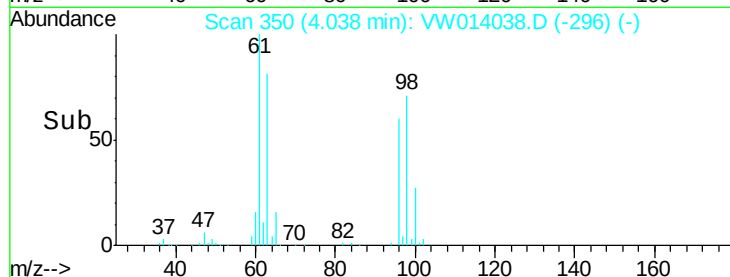
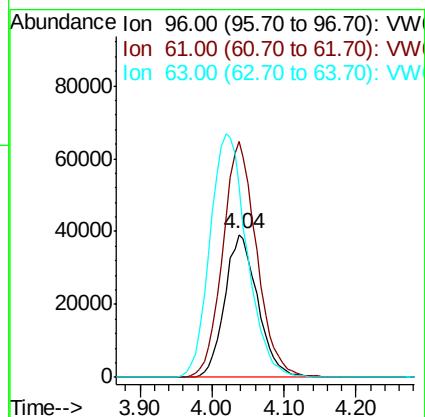
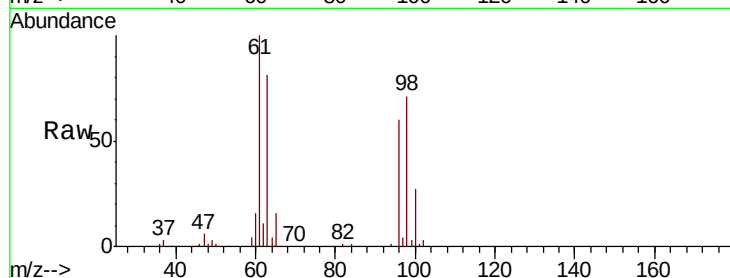
Tot Ion: 96 Resp: 124609

Ion Ratio Lower Upper

96 100

61 165.3 109.8 204.0

63 133.9 80.7 149.9



#13

Acetone

Concen: 3.758 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW014038.D

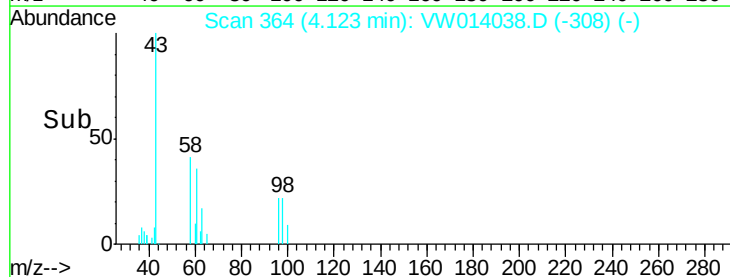
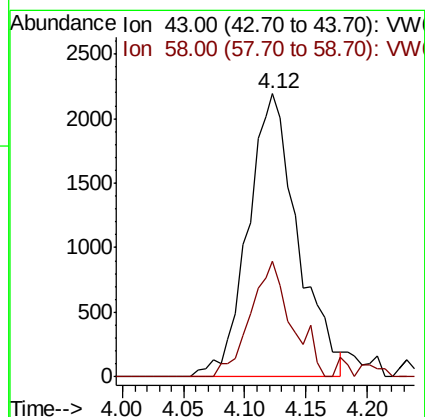
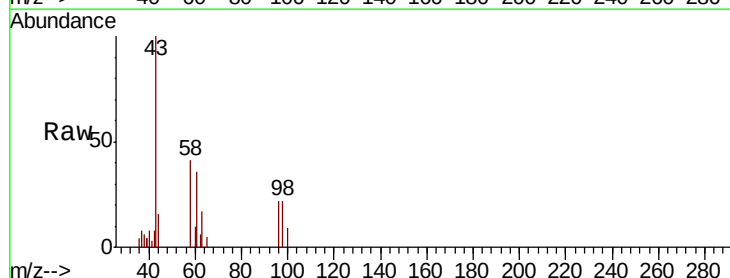
Acq: 15 Nov 2019 14:01

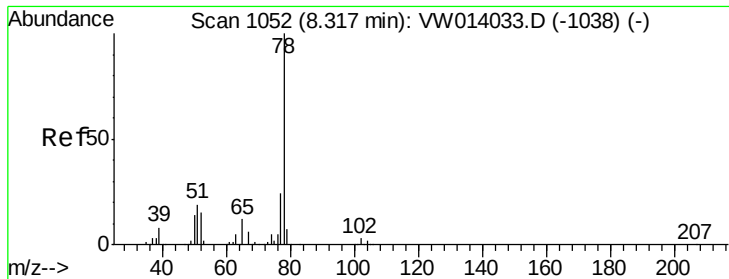
Tgt Ion: 43 Resp: 6190

Ion Ratio Lower Upper

43 100

58 25.1 0.0 65.4





#34

Benzene

Concen: 23.653 ug/L

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

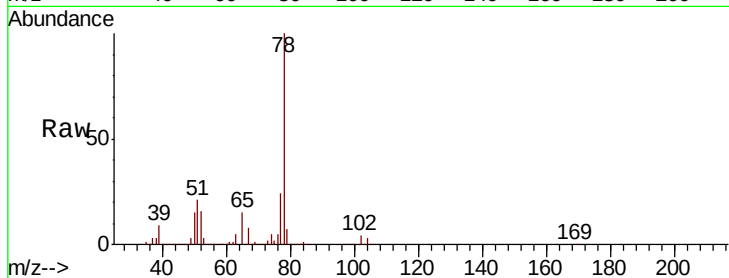
Instrument :

MSVOA_W

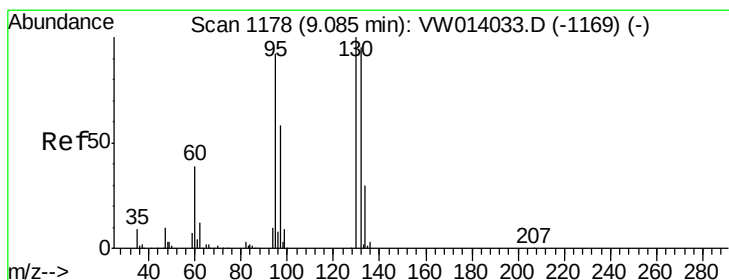
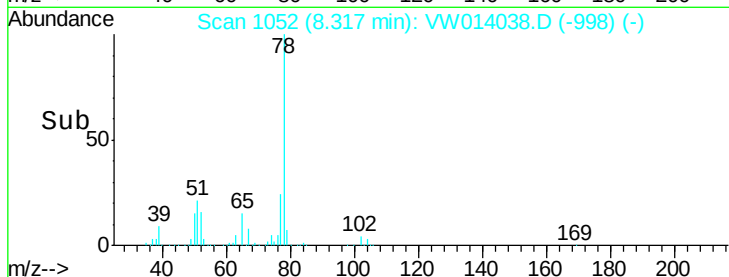
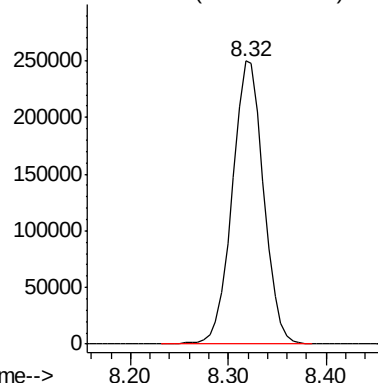
ClientSampleId :

ETOP4MSD

Tgt Ion: 78 Resp: 560328



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 22.390 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

Tgt Ion: 95 Resp: 141487

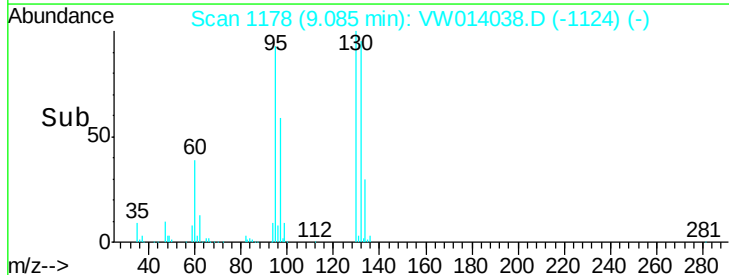
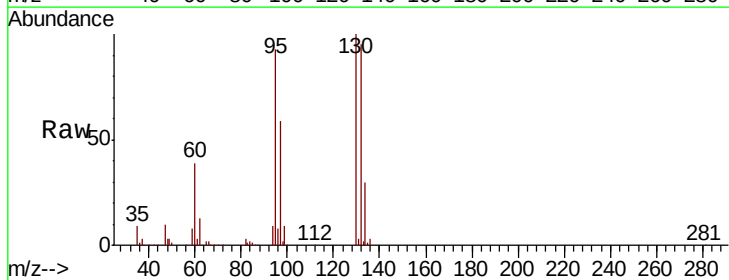
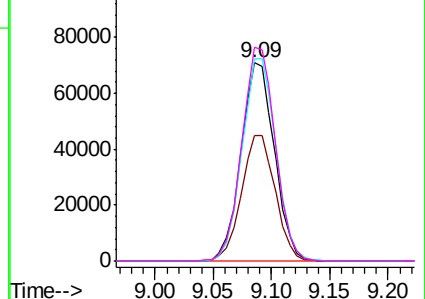
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.1	83.9
132	103.7	73.7	136.9
130	108.2	76.6	142.2

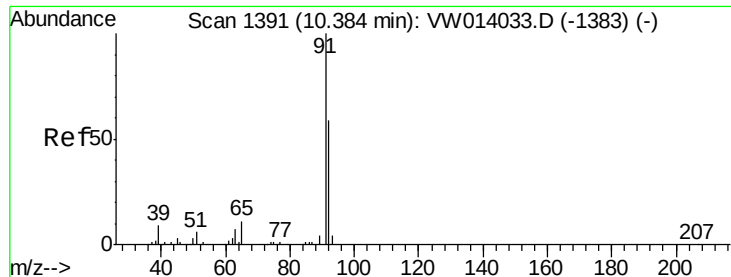
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 22.788 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

Instrument :

MSVOA_W

ClientSampleId :

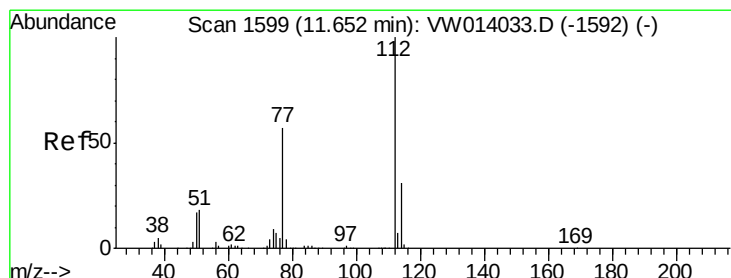
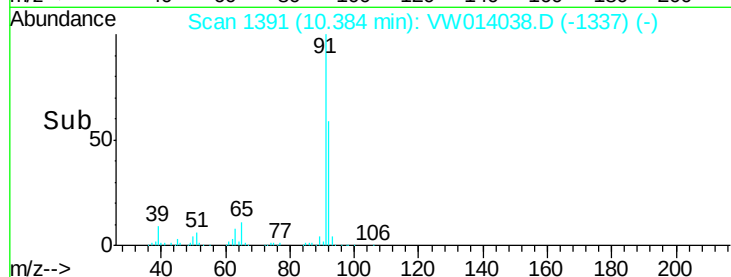
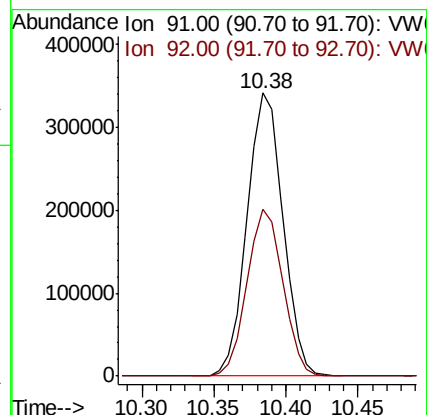
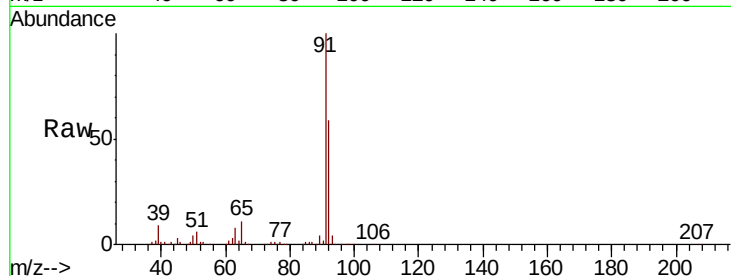
ETOP4MSD

Tot Ion: 91 Resp: 588576

Ion Ratio Lower Upper

91 100

92 58.9 40.7 75.7



#52

Chlorobenzene

Concen: 22.388 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW014038.D

Acq: 15 Nov 2019 14:01

Tgt Ion: 112 Resp: 362501

Ion Ratio Lower Upper

112 100

77 53.9 42.2 63.4

114 31.9 22.5 41.9

