

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083118\
 Data File : VW005049.D
 Acq On : 31 Aug 2018 18:44
 Operator : SY/AP
 Sample : J4678-04MSD
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FC3MSD

Quant Time: Aug 31 23:53:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM083118S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 16:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	609317	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	623654	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	296752	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	213143	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.36%
7) Chloroethane-d5	2.89	69	163099	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.24%
10) 1,1-Dichloroethene-d2	4.03	63	301233	22.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.32%
20) 2-Butanone-d5	7.08	46	113254	44.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.66%
24) Chloroform-d	7.65	84	299839	22.39	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.56%
26) 1,2-Dichloroethane-d4	8.31	65	174616	23.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.92%
29) Benzene-d6	8.28	84	686805	21.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.64%
33) 1,2-Dichloropropane-d6	9.28	67	208728	22.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.20%
37) Toluene-d8	10.33	98	705167	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.88%
38) trans-1,3-Dichloropropene-	10.59	79	91055	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.32%
39) 2-Hexanone-d5	10.93	63	101963	45.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.26%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	202848	22.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	282212	24.73	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.92%

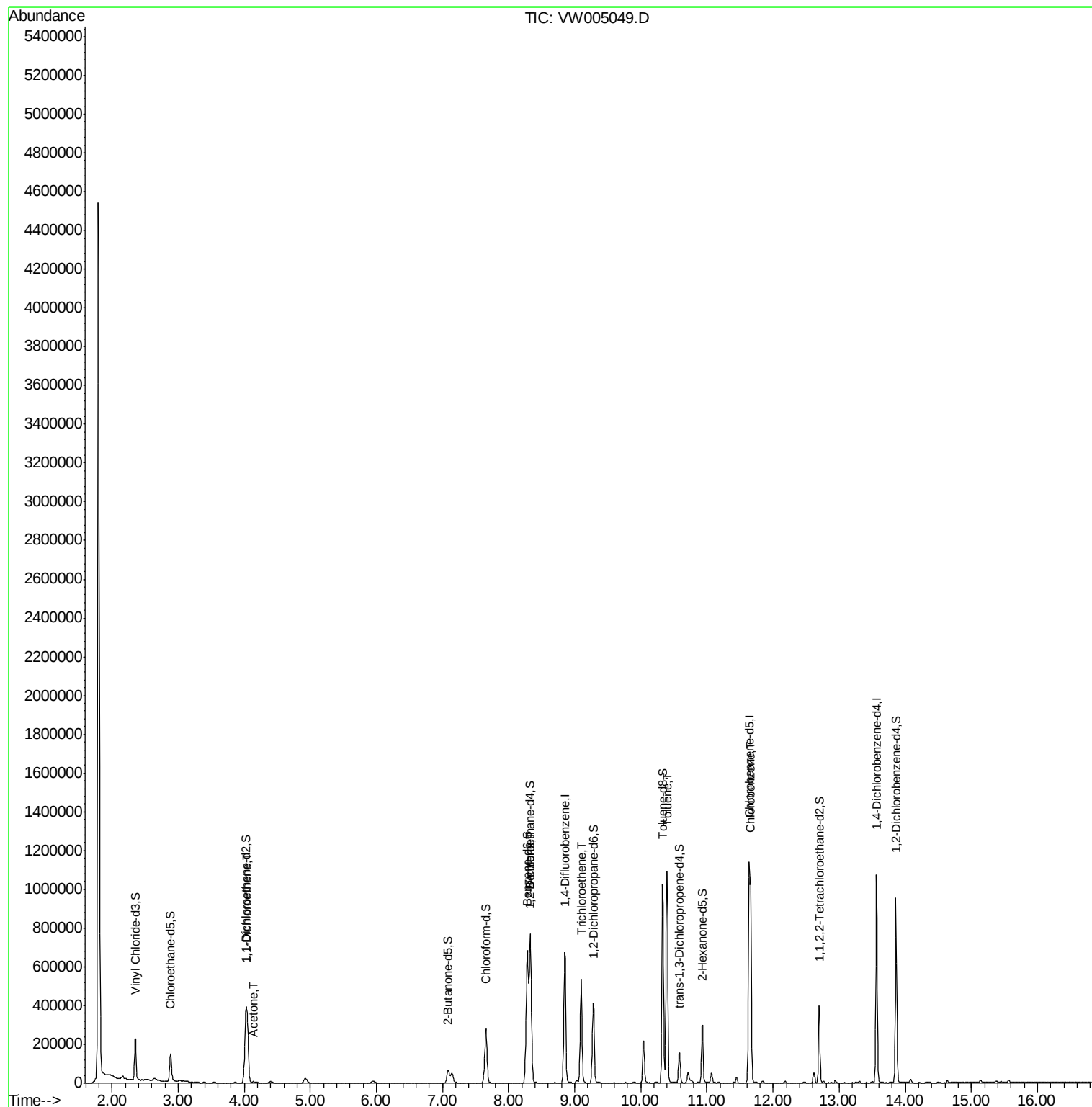
Target Compounds						Ovalue
12) 1,1-Dichloroethene	4.04	96	149228	24.17	ug/L	100
13) Acetone	4.14	43	6528	3.53	ug/L	95
34) Benzene	8.33	78	697638	22.46	ug/L	100
35) Trichloroethene	9.10	95	191804	24.21	ug/L	99
44) Toluene	10.40	91	848300	23.98	ug/L	99
52) Chlorobenzene	11.66	112	546150	22.53	ug/L	99

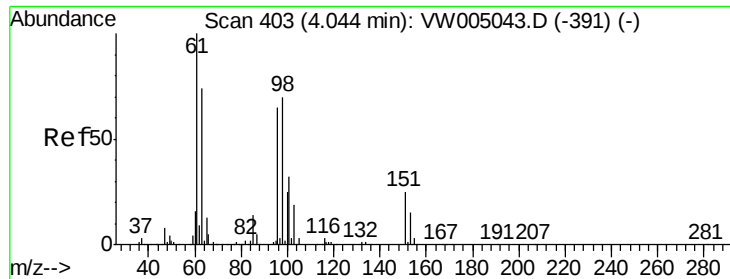
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 24.17 ug/L

RT: 4.04 min Scan# 403

Delta R.T. -0.00 min

Lab File: VW005049.D

Acq: 31 Aug 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

E5FC3MSD

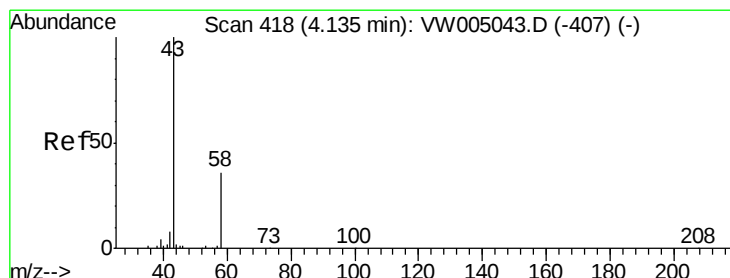
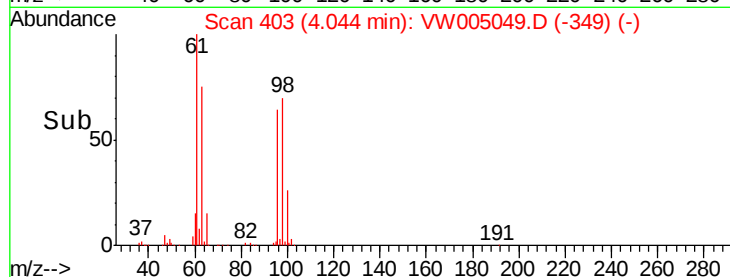
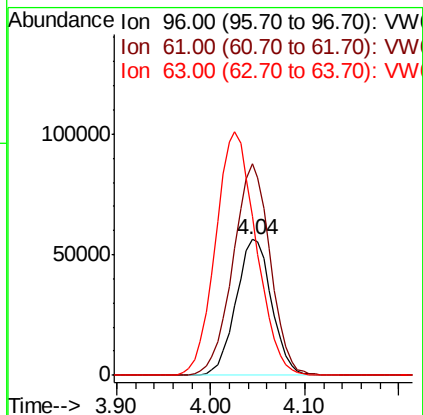
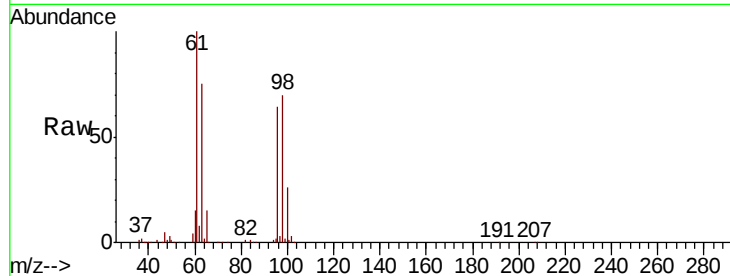
Tot Ion: 96 Resp: 149228

Ion Ratio Lower Upper

96 100

61 155.4 108.4 201.4

63 116.7 81.2 150.8



#13

Acetone

Concen: 3.53 ug/L

RT: 4.14 min Scan# 418

Delta R.T. -0.00 min

Lab File: VW005049.D

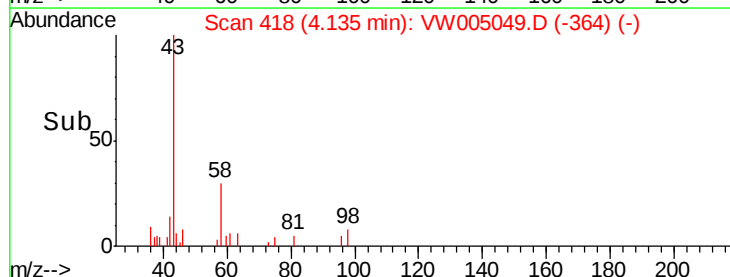
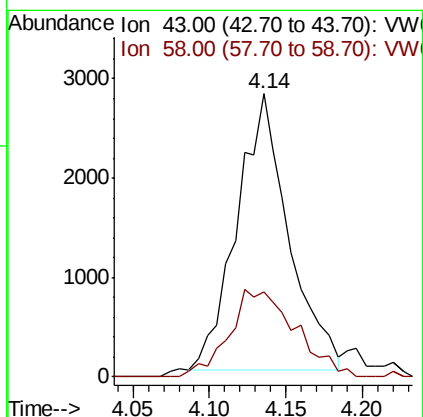
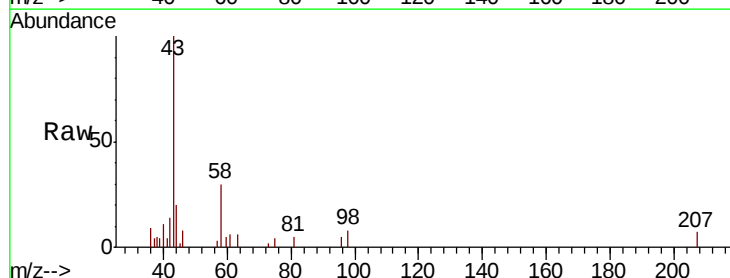
Acq: 31 Aug 2018 18:44

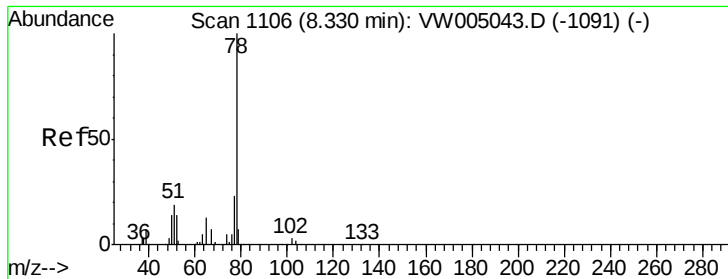
Tgt Ion: 43 Resp: 6528

Ion Ratio Lower Upper

43 100

58 38.3 0.0 70.4





#34

Benzene

Concen: 22.46 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW005049.D

Acq: 31 Aug 2018 18:44

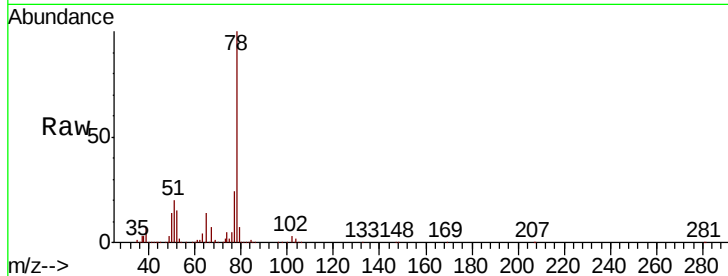
Instrument :

MSVOA_W

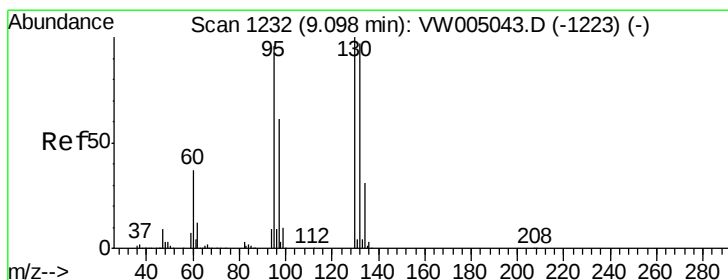
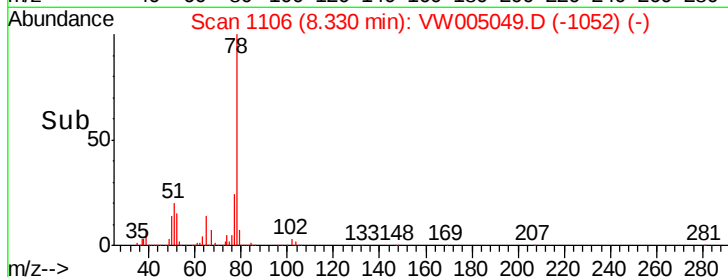
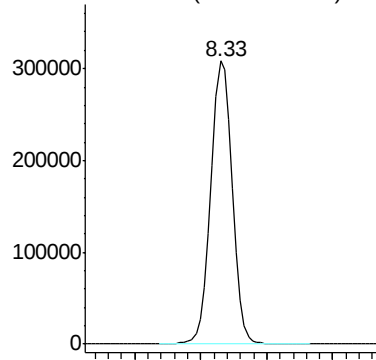
ClientSampleId :

E5FC3MSD

Tgt Ion: 78 Resp: 697638



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 24.21 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005049.D

Acq: 31 Aug 2018 18:44

Tgt Ion: 95 Resp: 191804

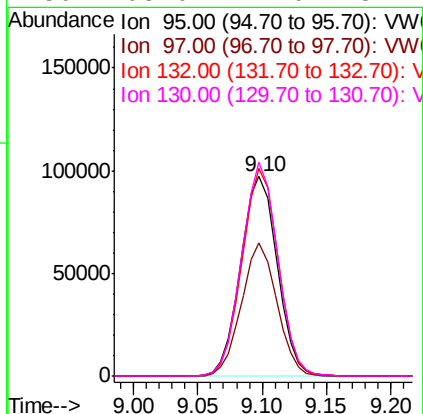
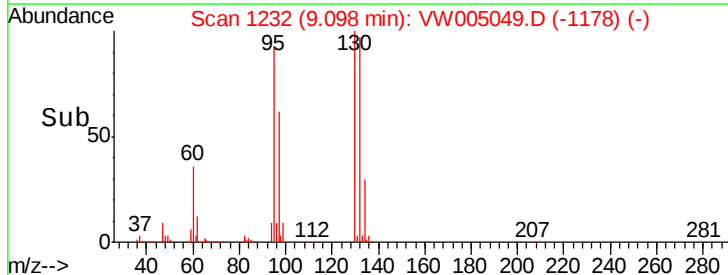
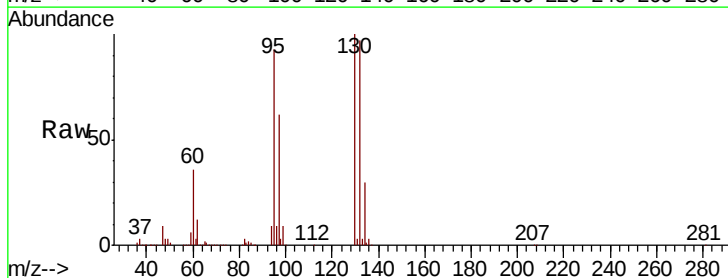
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.9	83.5
132	102.1	72.3	134.3
130	105.0	74.0	137.4

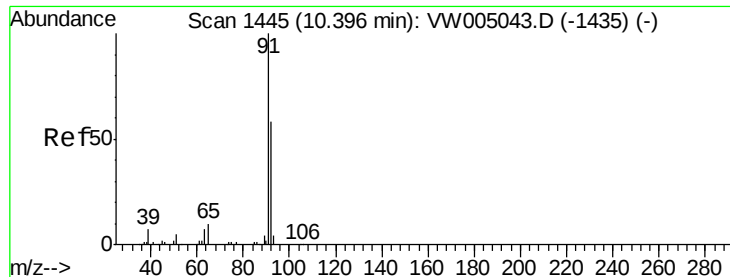
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 23.98 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW005049.D

Acq: 31 Aug 2018 18:44

Instrument :

MSVOA_W

ClientSampleId :

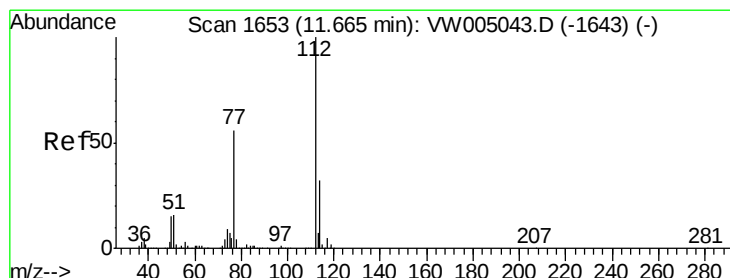
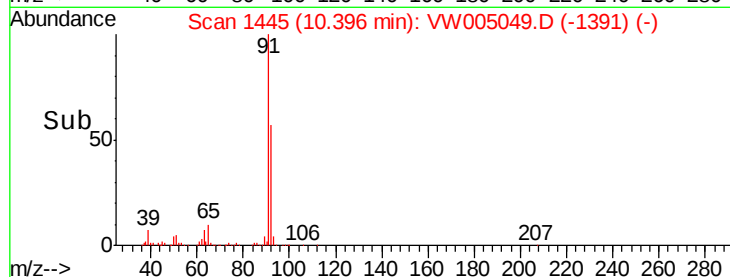
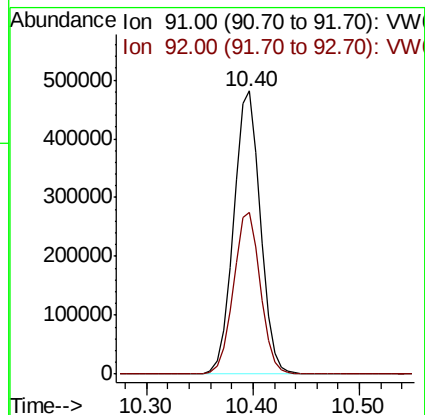
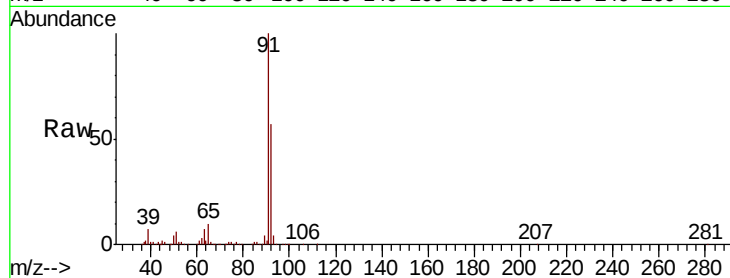
E5FC3MSD

Tot Ion: 91 Resp: 848300

Ion Ratio Lower Upper

91 100

92 57.4 40.7 75.7



#52

Chlorobenzene

Concen: 22.53 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005049.D

Acq: 31 Aug 2018 18:44

Tgt Ion: 112 Resp: 546150

Ion Ratio Lower Upper

112 100

77 56.2 44.5 66.7

114 32.2 22.3 41.3

