

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083118\
 Data File : VW005048.D
 Acq On : 31 Aug 2018 18:18
 Operator : SY/AP
 Sample : J4678-03MS
 Misc : 5.81G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5FC3MS

Quant Time: Aug 31 23:59:55 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	602217	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	617749	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	284685	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	235120	24.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.72%
7) Chloroethane-d5	2.89	69	181384	25.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.80%
10) 1,1-Dichloroethene-d2	4.03	63	334084	25.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.48%
20) 2-Butanone-d5	7.09	46	125384	49.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.32%
24) Chloroform-d	7.65	84	337102	25.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.88%
26) 1,2-Dichloroethane-d4	8.31	65	198202	26.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.88%
29) Benzene-d6	8.28	84	762840	24.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.24%
33) 1,2-Dichloropropane-d6	9.28	67	236601	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.33	98	781990	25.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.64%
38) trans-1,3-Dichloropropene-	10.58	79	101177	25.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.32%
39) 2-Hexanone-d5	10.93	63	108732	48.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.18%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	222512	24.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	300666	27.46	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.84%

Target Compounds

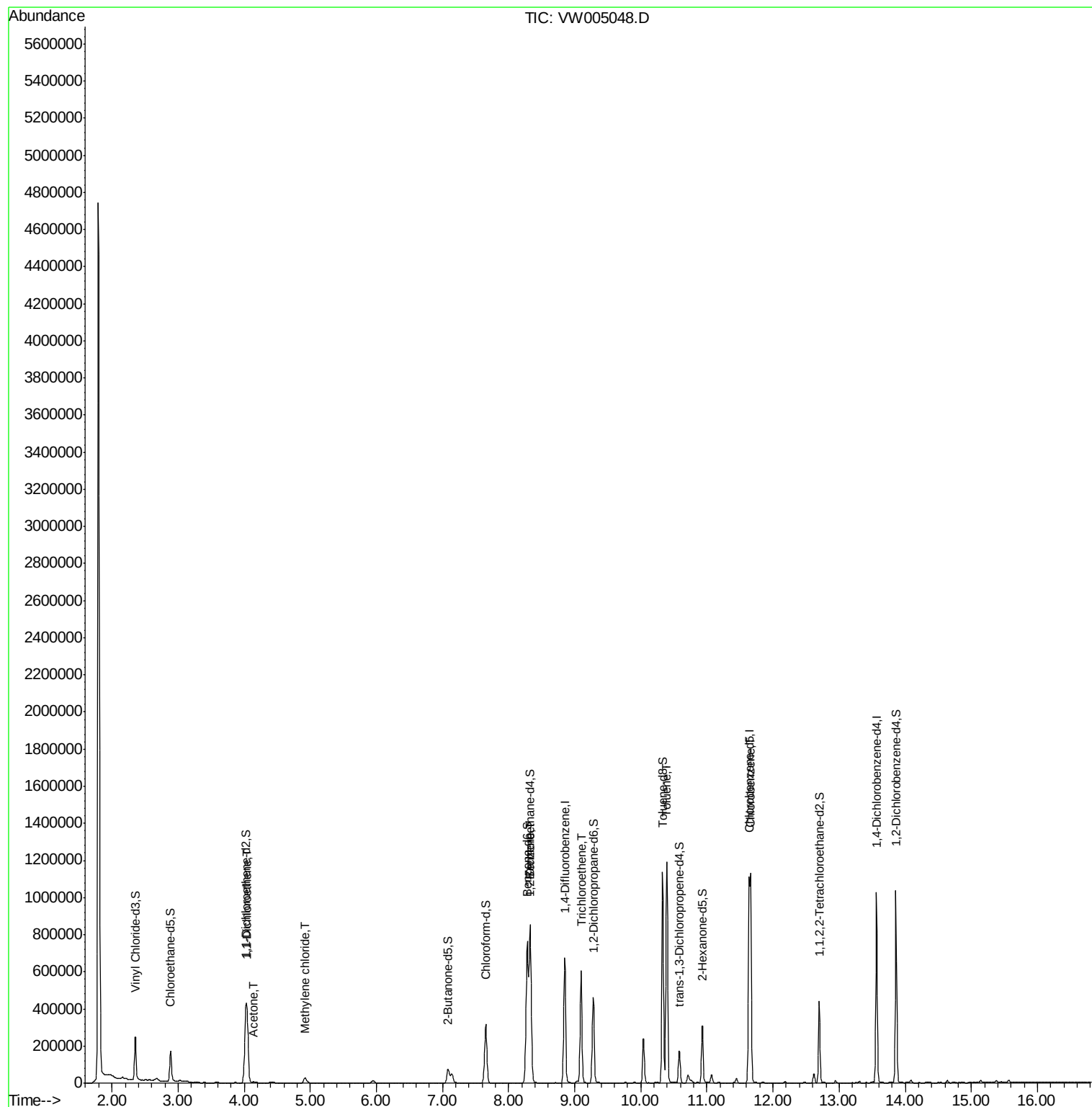
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	163421	26.78	ug/L	97
13) Acetone	4.14	43	6722	3.68	ug/L	97
16) Methylene chloride	4.92	84	22172	2.14	ug/L	93
34) Benzene	8.33	78	765639	24.89	ug/L	100
35) Trichloroethene	9.10	95	213776	27.24	ug/L	99
44) Toluene	10.39	91	929194	26.51	ug/L	99
52) Chlorobenzene	11.66	112	593715	24.72	ug/L	99

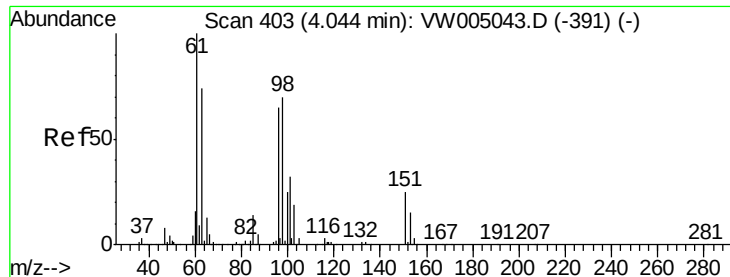
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 16:23:30 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 26.78 ug/L

RT: 4.04 min Scan# 403

Delta R.T. -0.00 min

Lab File: VW005048.D

Acq: 31 Aug 2018 18:18

Instrument :

MSVOA_W

ClientSampled :

E5FC3MS

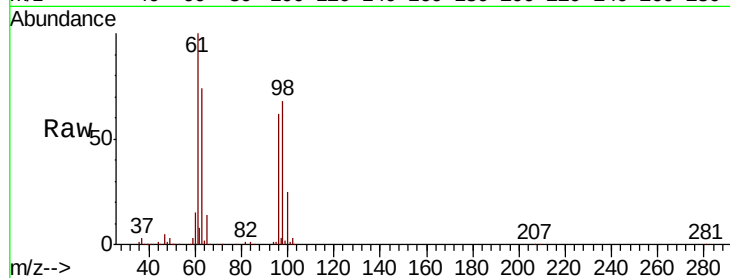
Tot Ion: 96 Resp: 163421

Ion Ratio Lower Upper

96 100

61 160.0 108.4 201.4

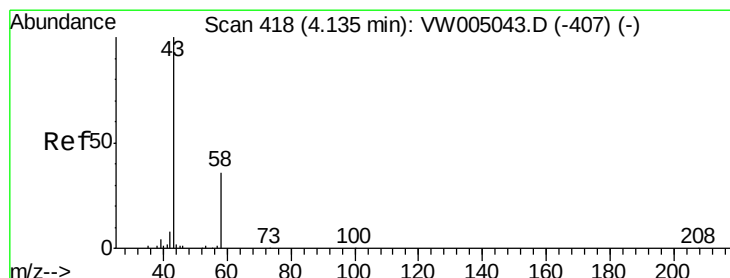
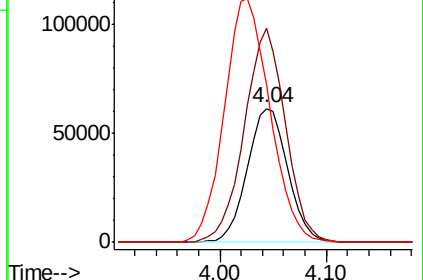
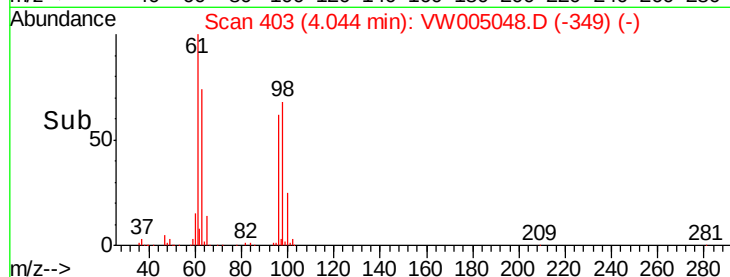
63 117.9 81.2 150.8



Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW



#13

Acetone

Concen: 3.68 ug/L

RT: 4.14 min Scan# 419

Delta R.T. 0.01 min

Lab File: VW005048.D

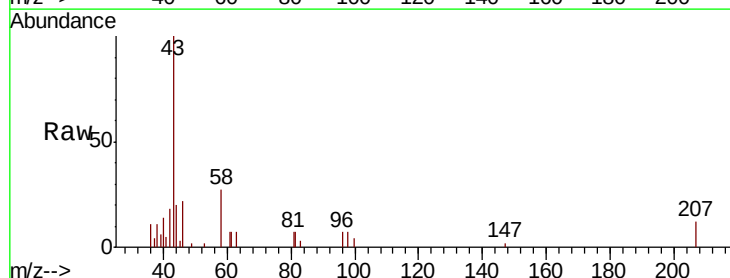
Acq: 31 Aug 2018 18:18

Tgt Ion: 43 Resp: 6722

Ion Ratio Lower Upper

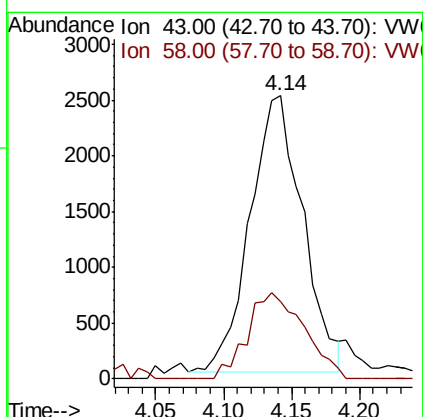
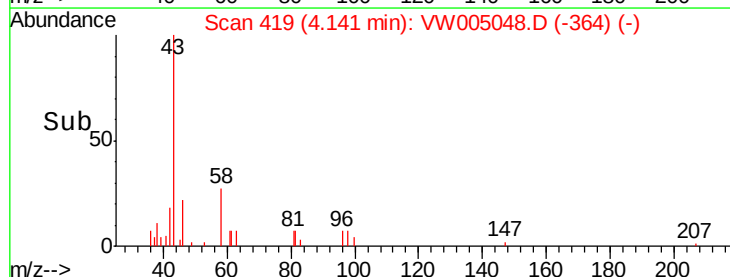
43 100

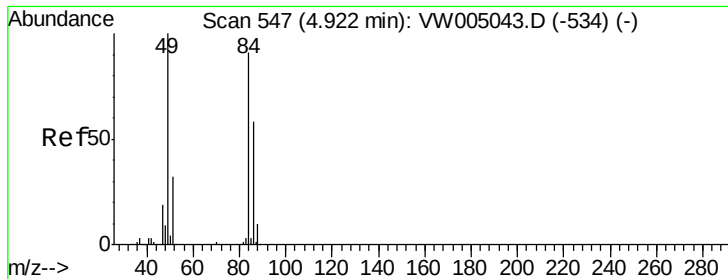
58 33.5 0.0 70.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

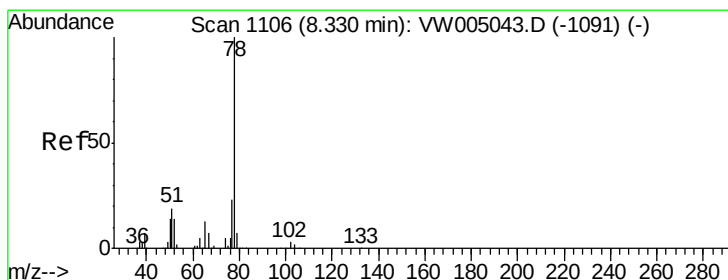
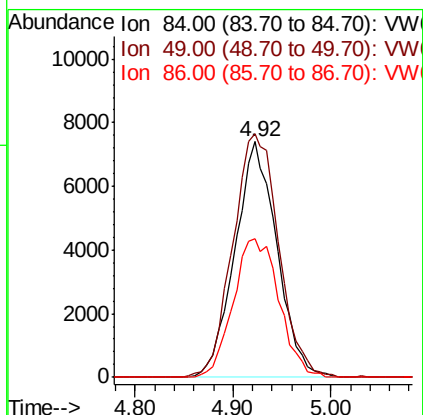
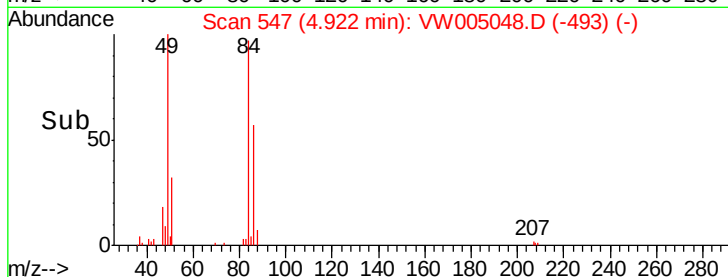
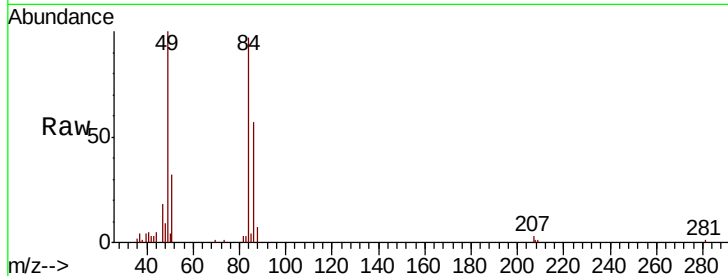




#16
Methvlene chloride
Concen: 2.14 ug/L
RT: 4.92 min Scan# 547
Delta R.T. -0.00 min
Lab File: VW005048.D
Acq: 31 Aug 2018 18:18

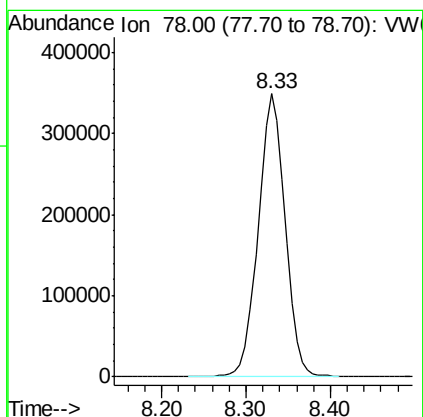
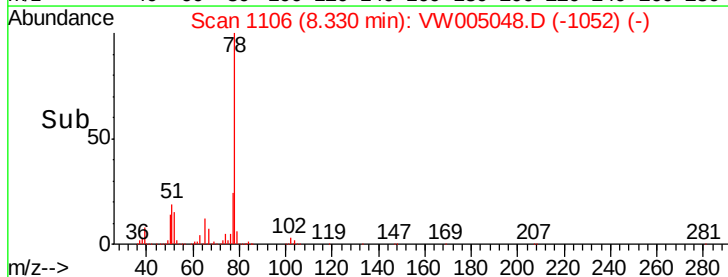
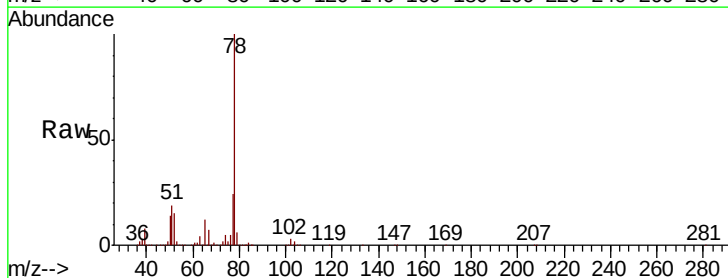
Instrument :
MSVOA_W
ClientSampleId :
E5FC3MS

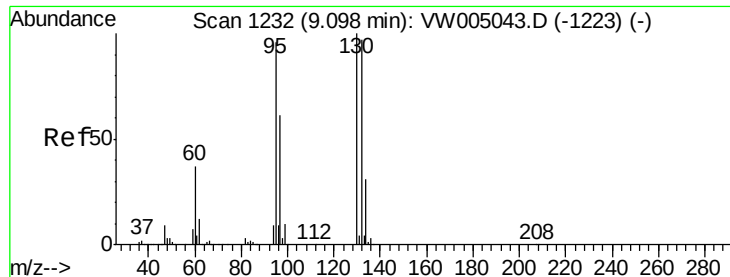
Tot Ion: 84 Resp: 22172
Ion Ratio Lower Upper
84 100
49 103.4 77.3 143.7
86 58.9 44.7 83.1



#34
Benzene
Concen: 24.89 ug/L
RT: 8.33 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VW005048.D
Acq: 31 Aug 2018 18:18

Tgt Ion: 78 Resp: 765639





#35

Trichloroethene

Concen: 27.24 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW005048.D

Acq: 31 Aug 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

E5FC3MS

Tot Ion: 95 Resp: 213776

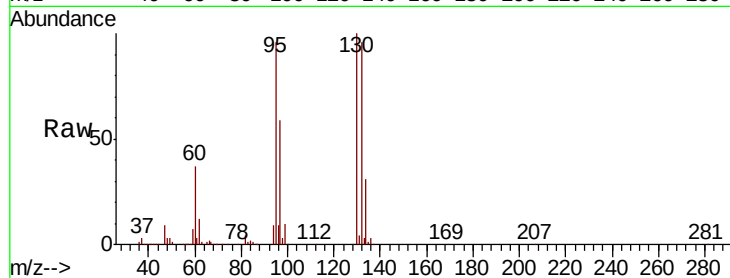
Ion Ratio Lower Upper

95 100

97 64.2 44.9 83.5

132 101.9 72.3 134.3

130 106.3 74.0 137.4

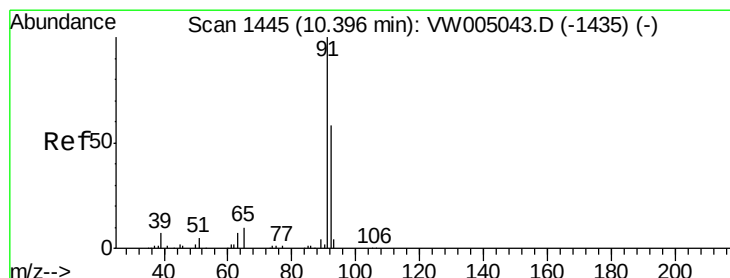
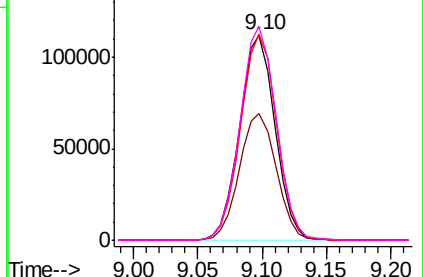
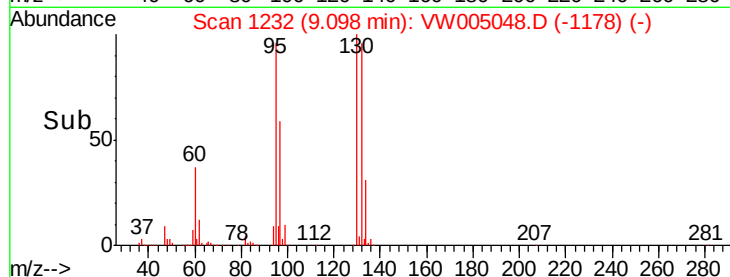


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.51 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.01 min

Lab File: VW005048.D

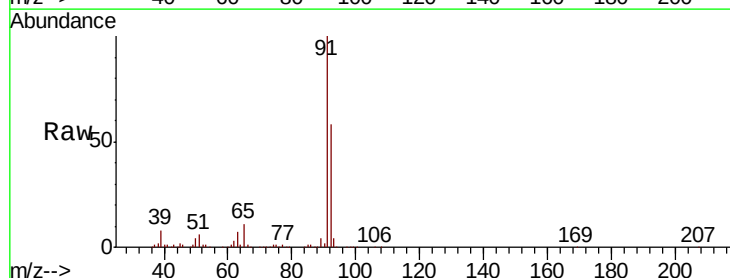
Acq: 31 Aug 2018 18:18

Tgt Ion: 91 Resp: 929194

Ion Ratio Lower Upper

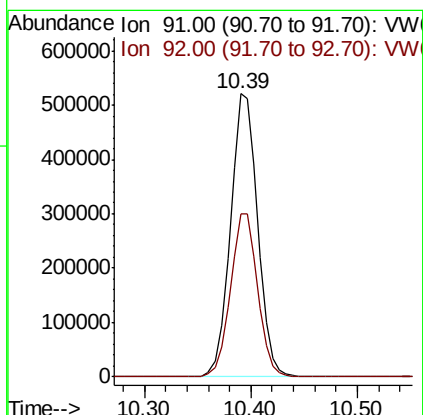
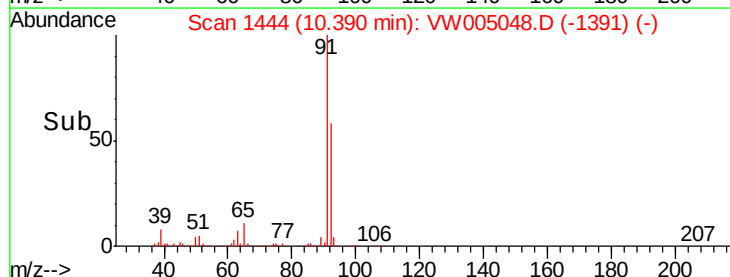
91 100

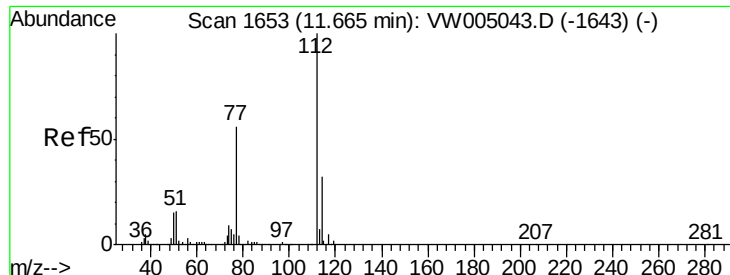
92 57.7 40.7 75.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#52

Chlorobenzene

Concen: 24.72 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW005048.D

Acq: 31 Aug 2018 18:18

Instrument :

MSVOA_W

ClientSampleId :

E5FC3MS

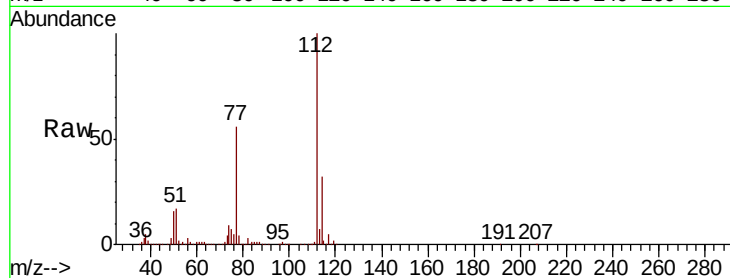
Tot Ion:112 Resp: 593715

Ion Ratio Lower Upper

112 100

77 56.1 44.5 66.7

114 32.2 22.3 41.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V

