

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062118\
 Data File : VW003402.D
 Acq On : 21 Jun 2018 22:22
 Operator : SY/AP
 Sample : J3619-20MS
 Misc : 7.10G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ89MS

Quant Time: Jun 22 07:29:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062018S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 22 07:26:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	306708	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	301131	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	139381	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89043	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.64%
7) Chloroethane-d5	2.89	69	75056	21.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.52%
10) 1,1-Dichloroethene-d2	4.01	63	179756	21.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.04%
20) 2-Butanone-d5	7.09	46	82753	63.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.28%
24) Chloroform-d	7.65	84	180865	22.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	8.31	65	122390	25.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.12%
29) Benzene-d6	8.27	84	337031	21.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.36%
33) 1,2-Dichloropropane-d6	9.28	67	114677	22.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.68%
37) Toluene-d8	10.33	98	317882	20.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.24%
38) trans-1,3-Dichloropropene-	10.58	79	53402	22.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.96%
39) 2-Hexanone-d5	10.93	63	62354	60.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.64%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	123936	26.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	126396	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

Target Compounds

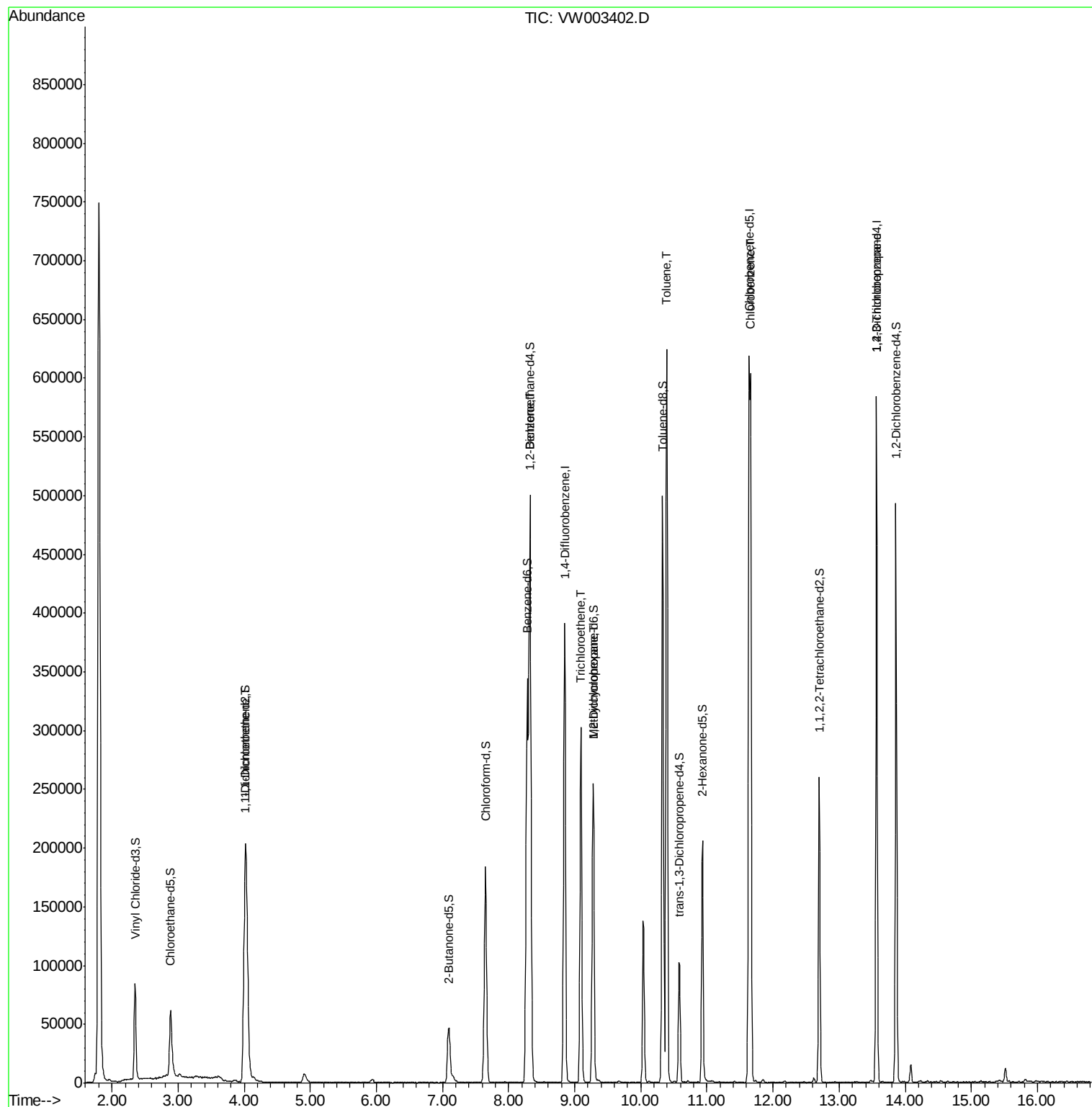
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	83687	21.828	ug/L	83
34) Benzene	8.33	78	397464	23.146	ug/L	100
35) Trichloroethene	9.09	95	102230	22.088	ug/L	100
36) Methylcyclohexane	9.28	83	26872	3.401	ug/L #	18
44) Toluene	10.39	91	437599	23.497	ug/L	99
52) Chlorobenzene	11.66	112	278138	22.999	ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	18141	5.323	ug/L	90

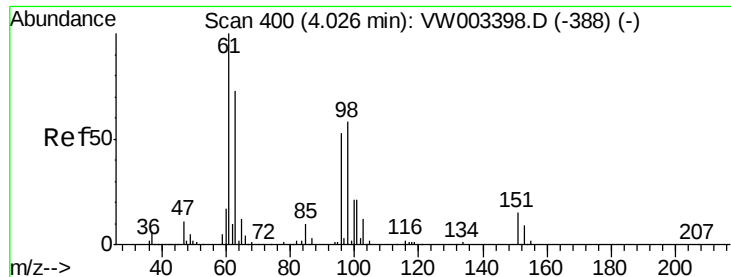
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 07:26:48 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.828 ug/L

RT: 4.03 min Scan# 400

Delta R.T. -0.00 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

DAZ89MS

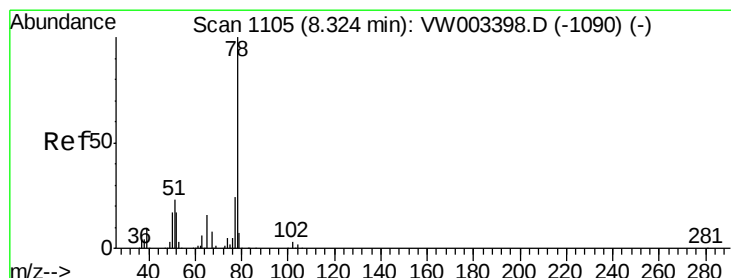
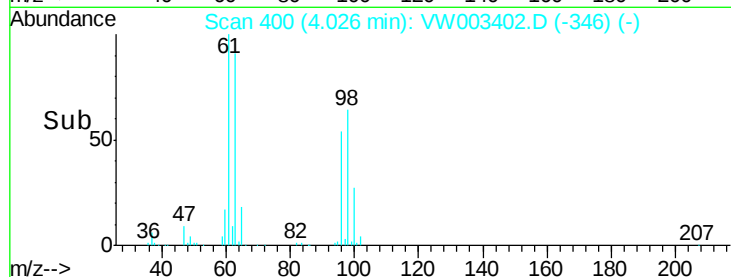
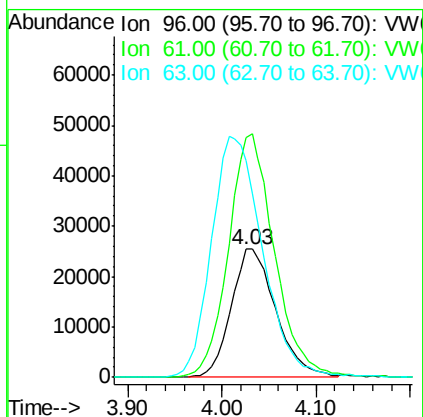
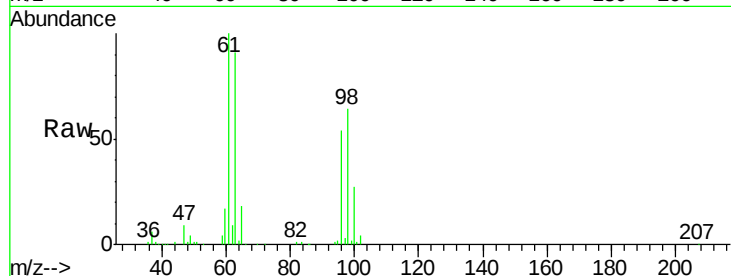
Tgt Ion: 96 Resp: 83687

Ion Ratio Lower Upper

96 100

61 186.7 124.1 230.5

63 169.3 93.1 172.9



#34

Benzene

Concen: 23.146 ug/L

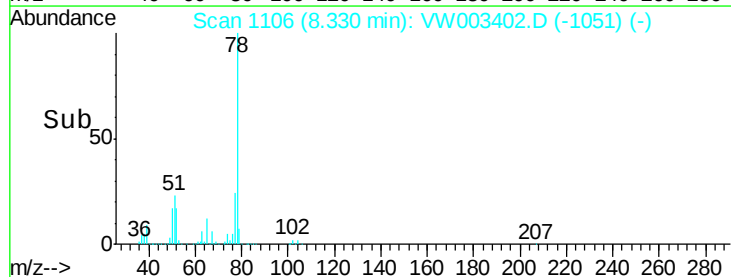
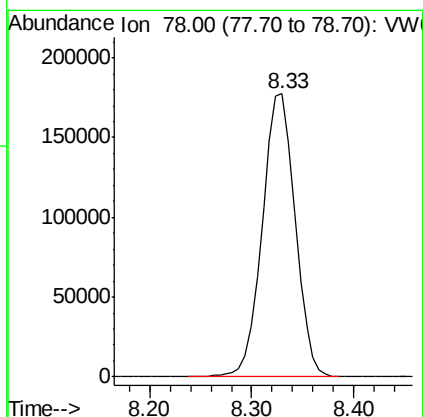
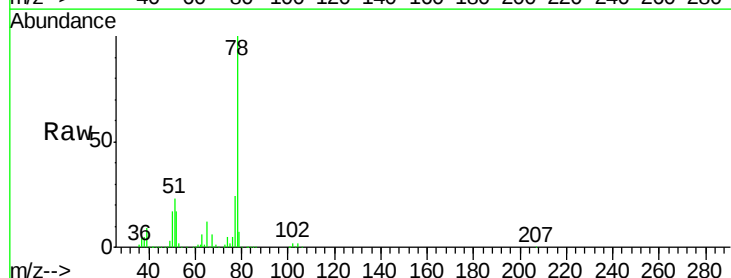
RT: 8.33 min Scan# 1106

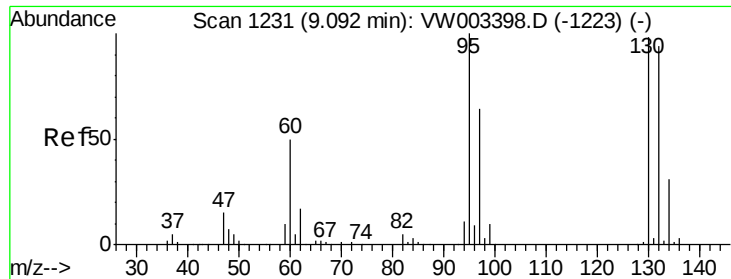
Delta R.T. 0.01 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Tgt Ion: 78 Resp: 397464

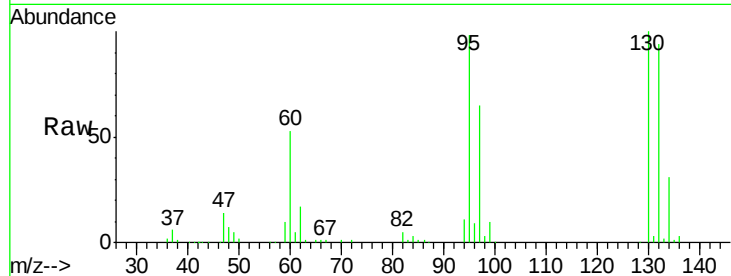




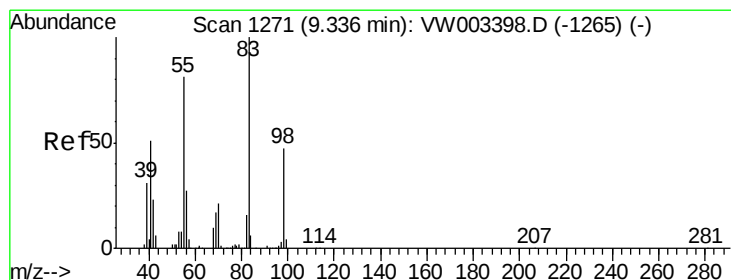
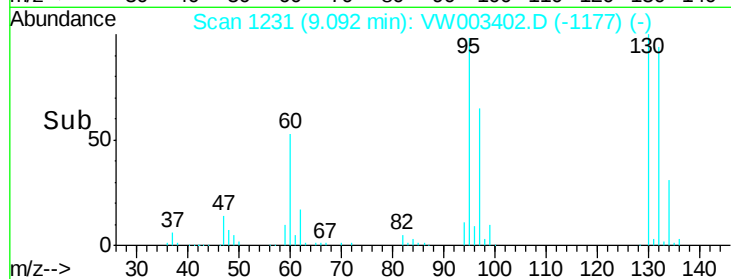
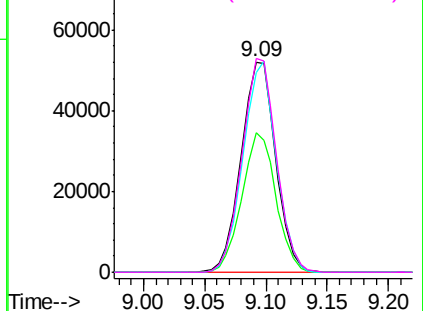
#35
 Trichloroethene
 Concen: 22.088 ug/L
 RT: 9.09 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: VW003402.D
 Acq: 21 Jun 2018 22:22

Instrument :
 MSVOA_W
 ClientSampleId :
 DAZ89MS

Tgt Ion:	95	Resp:	102230
Ion	Ratio	Lower	Upper
95	100		
97	65.5	45.6	84.6
132	96.8	67.8	125.8
130	101.0	70.6	131.0

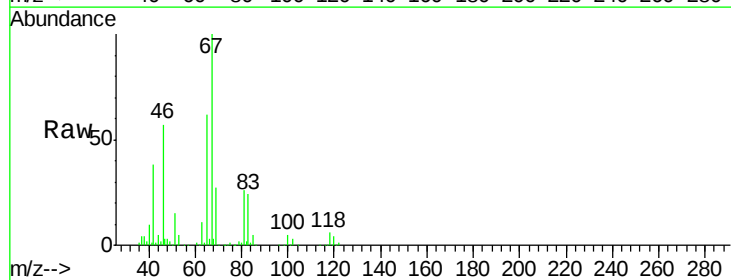


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

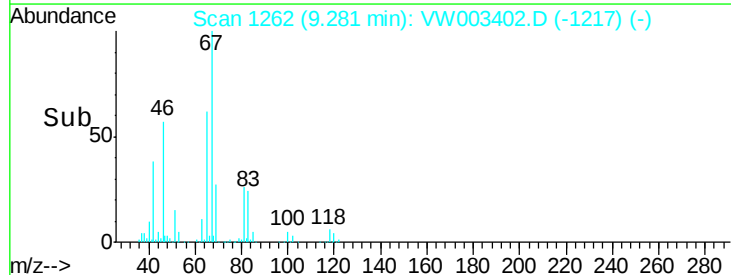
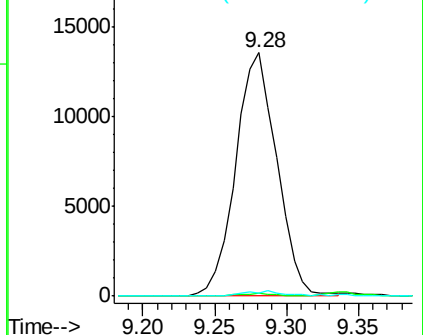


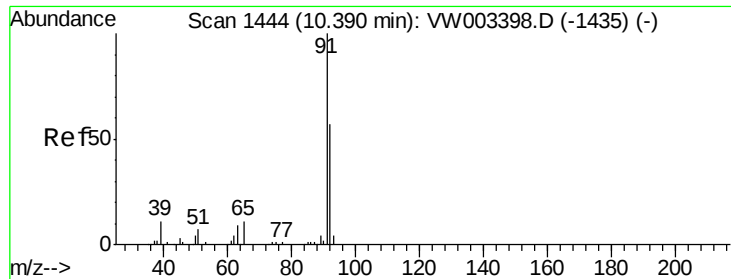
#36
 Methylcyclohexane
 Concen: 3.401 ug/L
 RT: 9.28 min Scan# 1262
 Delta R.T. -0.05 min
 Lab File: VW003402.D
 Acq: 21 Jun 2018 22:22

Tgt Ion:	83	Resp:	26872
Ion	Ratio	Lower	Upper
83	100		
55	0.8	63.9	95.9#
98	1.0	37.1	55.7#



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW





#44

Toluene

Concen: 23.497 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

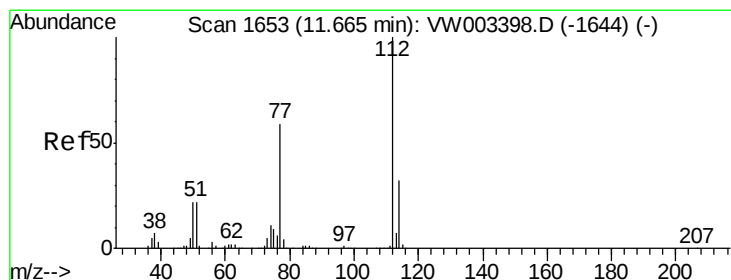
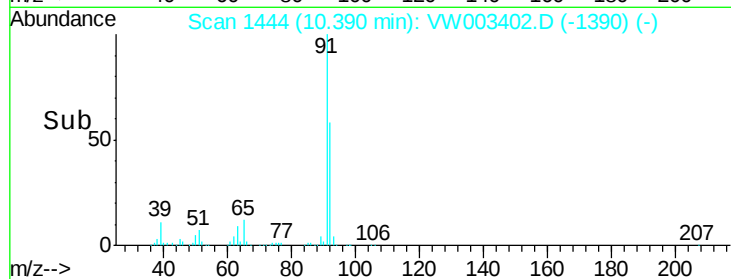
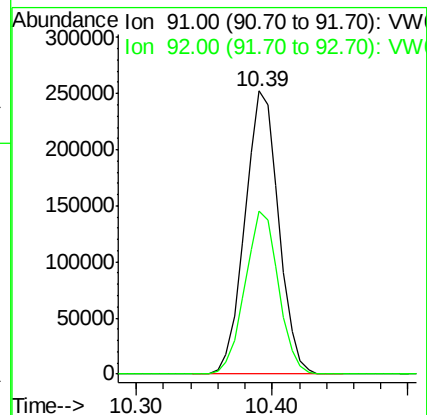
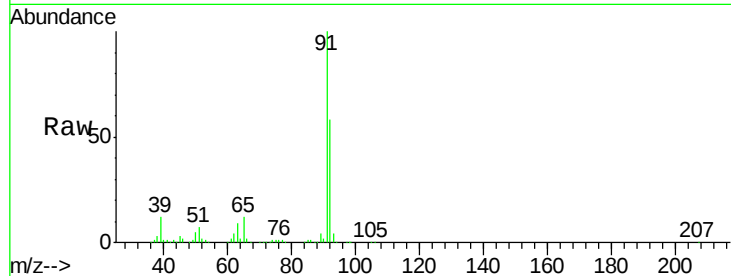
DAZ89MS

Tgt Ion: 91 Resp: 437599

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.4



#52

Chlorobenzene

Concen: 22.999 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

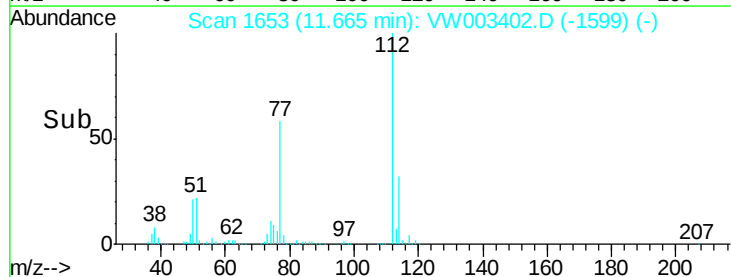
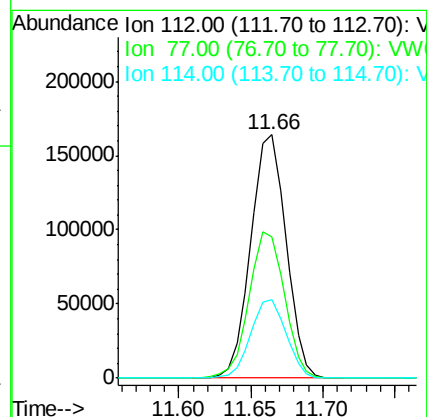
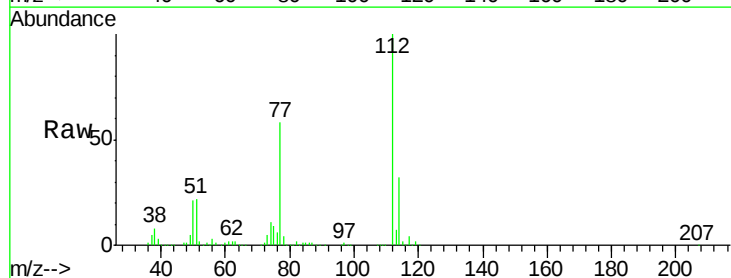
Tgt Ion: 112 Resp: 278138

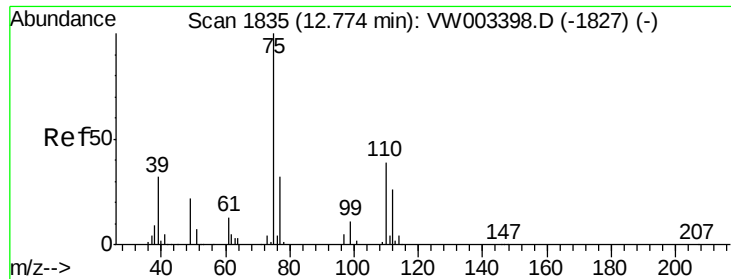
Ion Ratio Lower Upper

112 100

77 58.0 47.3 70.9

114 32.4 22.2 41.2





#59

1,2,3-Trichloropropane

Concen: 5.323 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW003402.D

Acq: 21 Jun 2018 22:22

Instrument :

MSVOA_W

ClientSampleId :

DAZ89MS

Tgt Ion: 75 Resp: 18141

Ion Ratio Lower Upper

75 100

77 38.4 26.0 39.0

