

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081818\
 Data File : VW004730.D
 Acq On : 16 Aug 2018 14:49
 Operator : SY/AP
 Sample : J4450-11MSD
 Misc : 1.32G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB08

Quant Time: Aug 16 18:43:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	743208	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	657560	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	191099	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	247950	20.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.96%
7) Chloroethane-d5	2.89	69	198177	21.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.80%
10) 1,1-Dichloroethene-d2	4.02	63	484409	22.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.68%
20) 2-Butanone-d5	7.09	46	162666	50.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.78%
24) Chloroform-d	7.65	84	472115	23.70	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	8.31	65	272427	25.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.28%
29) Benzene-d6	8.28	84	908050	24.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.48%
33) 1,2-Dichloropropane-d6	9.28	67	307555	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.40%
37) Toluene-d8	10.33	98	734423	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	10.58	79	118116	25.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.60%
39) 2-Hexanone-d5	10.93	63	141746	61.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.84%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	275059	25.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.40%
61) 1,2-Dichlorobenzene-d4	13.86	152	174123	24.02	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.08%

Target Compounds

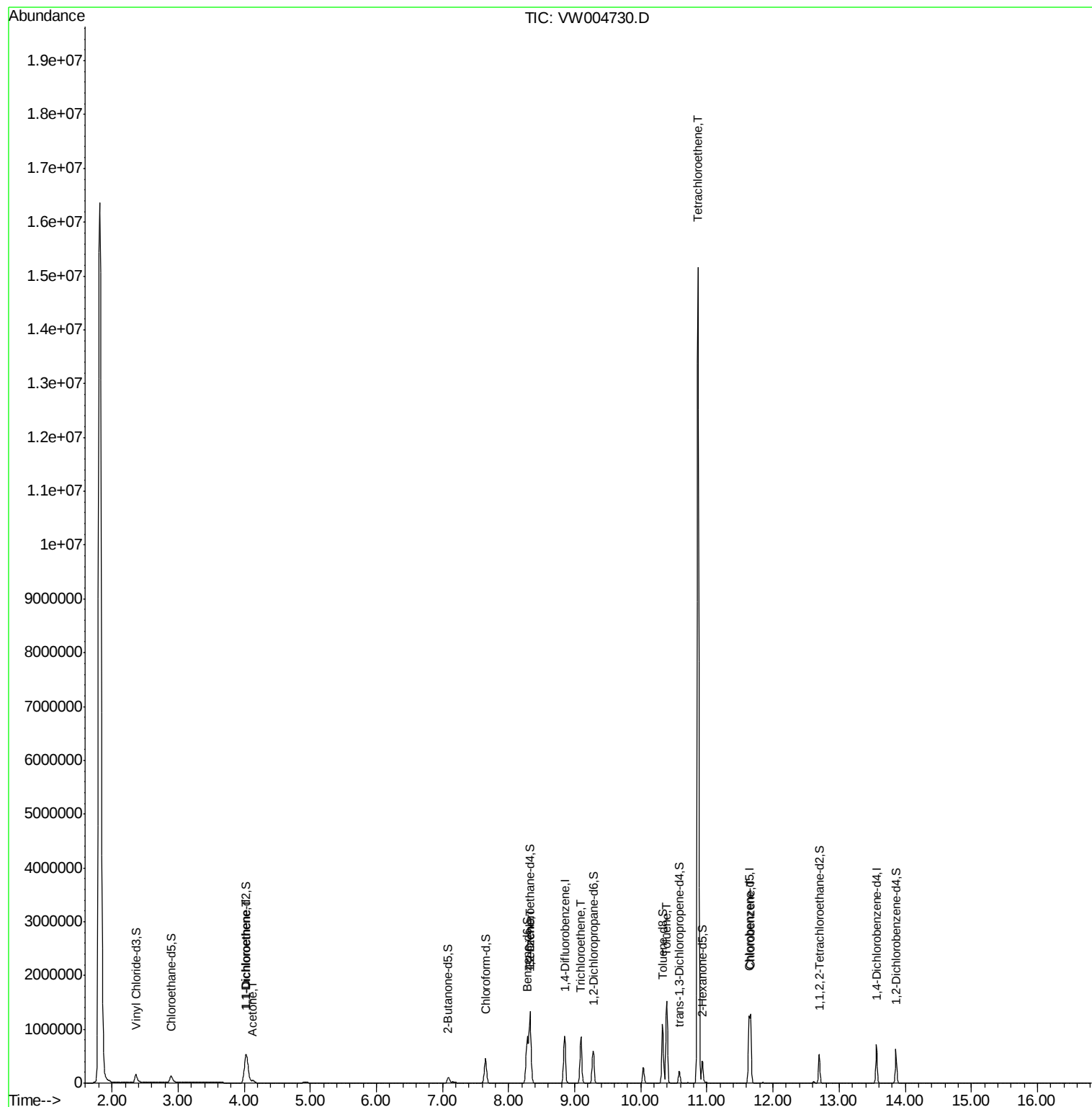
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	4.04	96	265045	23.82	ug/L	98
13) Acetone	4.14	43	49193	16.77	ug/L	100
34) Benzene	8.32	78	1152857	27.54	ug/L	100
35) Trichloroethene	9.09	95	315821	29.98	ug/L	99
44) Toluene	10.39	91	1134606	26.77	ug/L	100
47) Tetrachloroethene	10.87	164	3530797	404.03	ug/L	99
52) Chlorobenzene	11.66	112	651910	23.04	ug/L	100

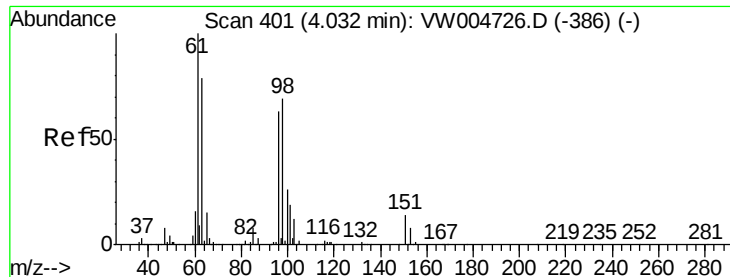
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW081818\
Data File : VW004730.D
Acq On : 16 Aug 2018 14:49
Operator : SY/AP
Sample : J4450-11MSD
Misc : 1.32G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAB08

Quant Time: Aug 16 18:43:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 16 02:39:24 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 23.82 ug/L

RT: 4.04 min Scan# 402

Delta R.T. 0.00 min

Lab File: VW004730.D

Acq: 16 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

GAB08

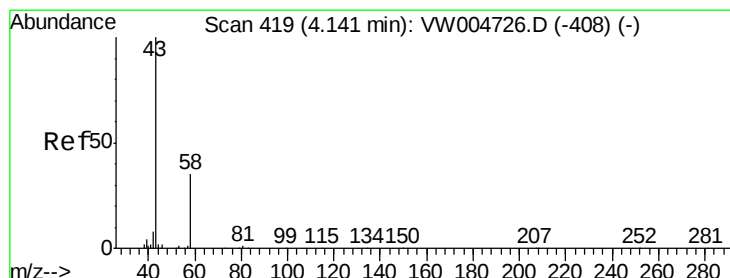
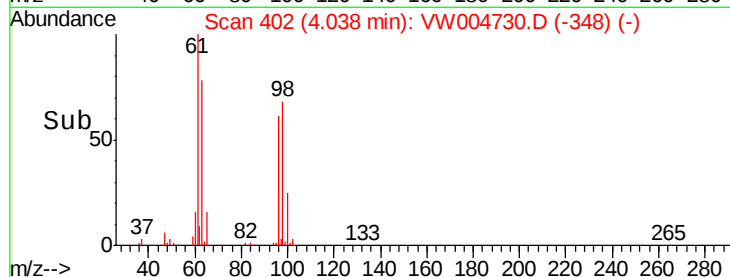
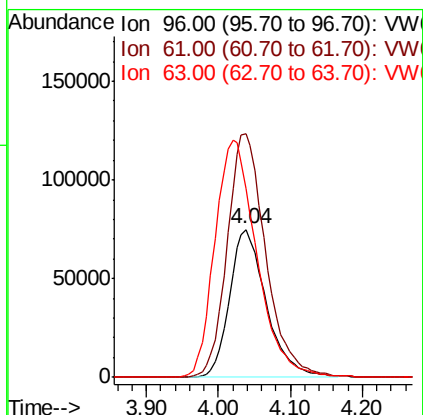
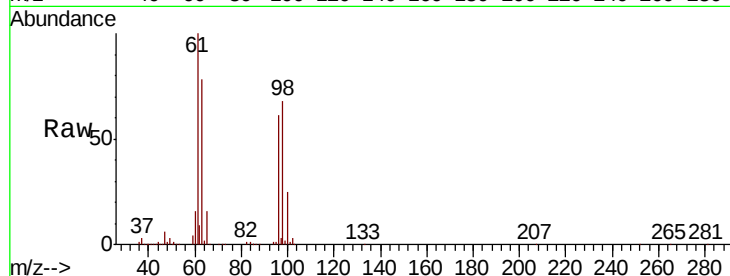
Tot Ion: 96 Resp: 265045

Ion Ratio Lower Upper

96 100

61 164.4 118.9 220.7

63 127.5 88.9 165.1



#13

Acetone

Concen: 16.77 ug/L

RT: 4.14 min Scan# 418

Delta R.T. 0.00 min

Lab File: VW004730.D

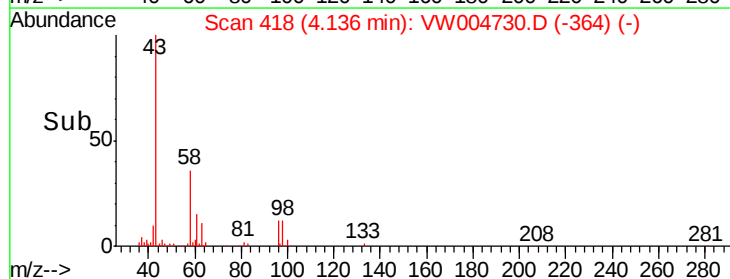
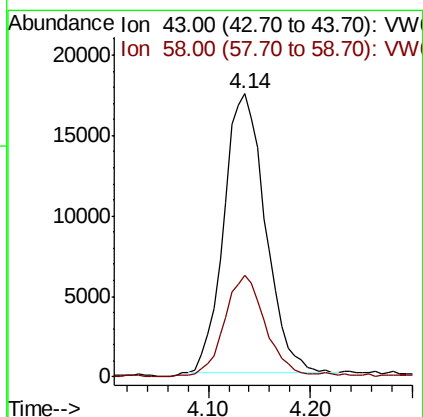
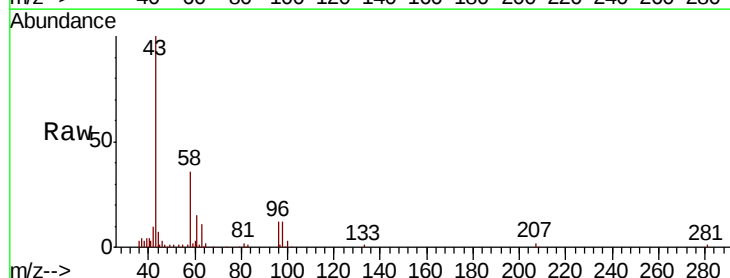
Acq: 16 Aug 2018 14:49

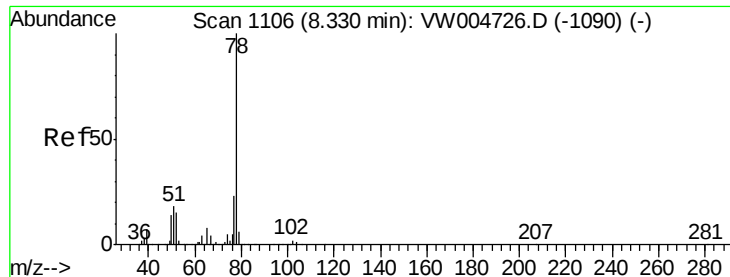
Tgt Ion: 43 Resp: 49193

Ion Ratio Lower Upper

43 100

58 34.9 0.0 69.4





#34

Benzene

Concen: 27.54 ug/L

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW004730.D

Acq: 16 Aug 2018 14:49

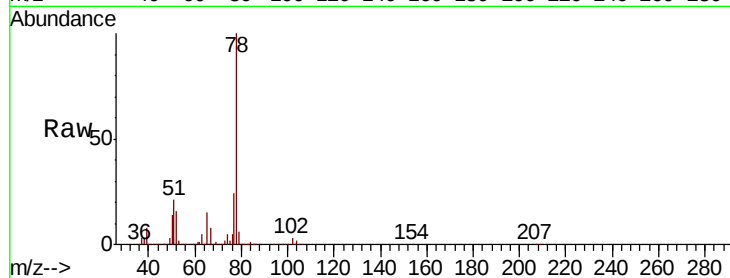
Instrument :

MSVOA_W

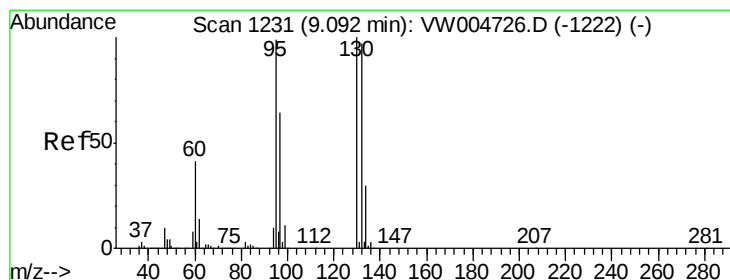
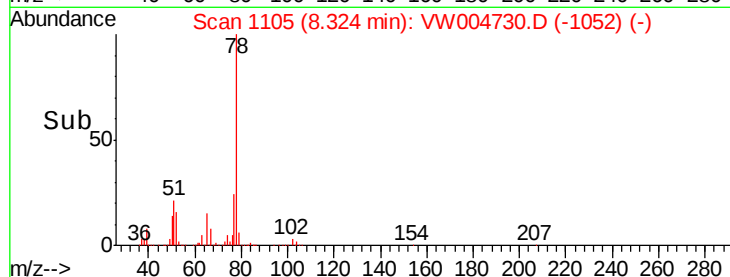
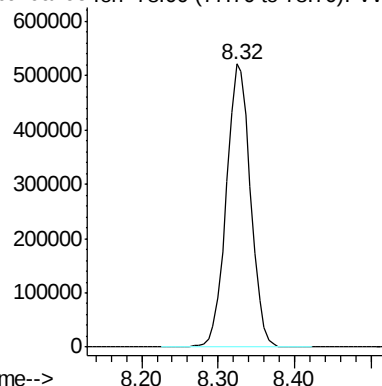
ClientSampleId :

GAB08

Tgt Ion: 78 Resp: 1152857



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 29.98 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VW004730.D

Acq: 16 Aug 2018 14:49

Tgt Ion: 95 Resp: 315821

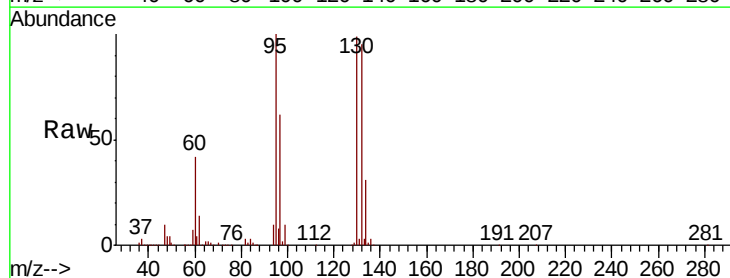
Ion	Ratio	Lower	Upper
95	100		
97	64.0	45.1	83.9
132	98.0	68.8	127.8
130	101.0	71.5	132.9

95 100

97 64.0 45.1 83.9

132 98.0 68.8 127.8

130 101.0 71.5 132.9

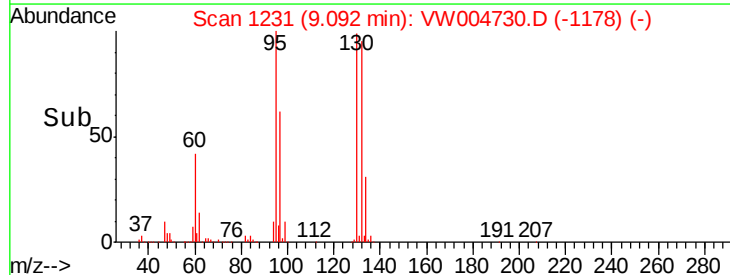
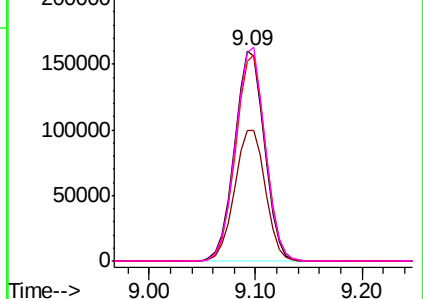


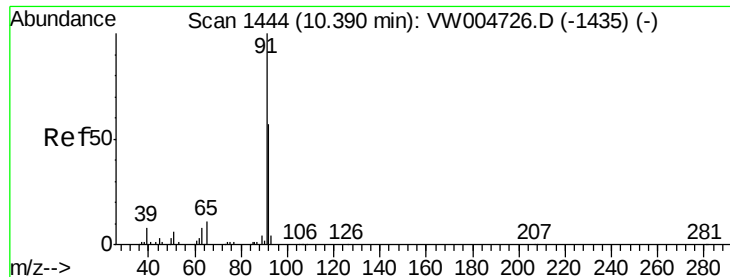
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.77 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004730.D

Acq: 16 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

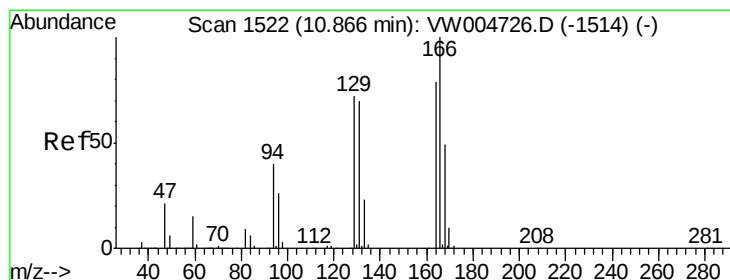
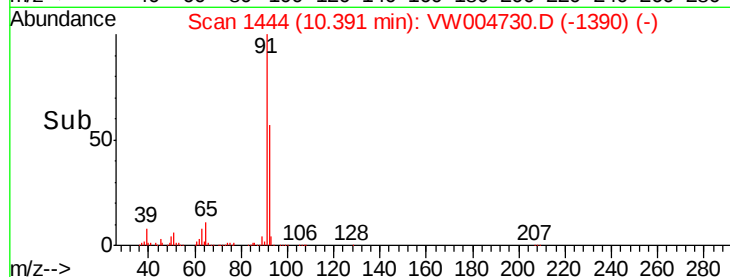
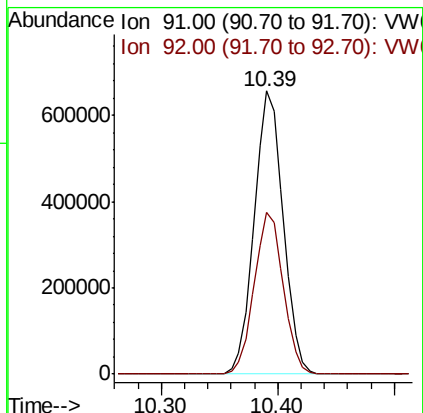
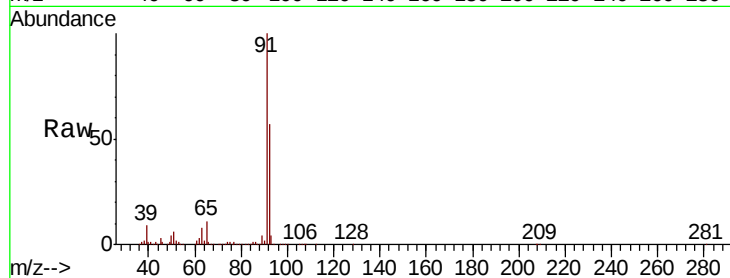
GAB08

Tot Ion: 91 Resp: 1134606

Ion Ratio Lower Upper

91 100

92 57.3 40.3 74.8



#47

Tetrachloroethene

Concen: 404.03 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004730.D

Acq: 16 Aug 2018 14:49

Tgt Ion:164 Resp: 3530797

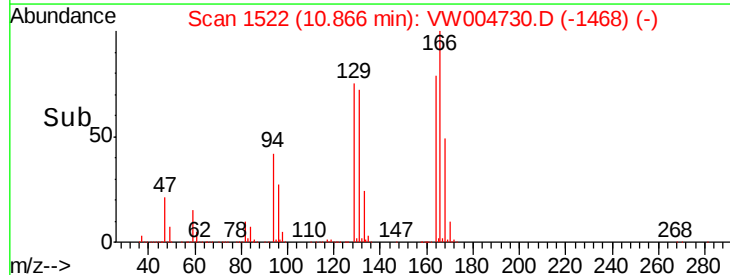
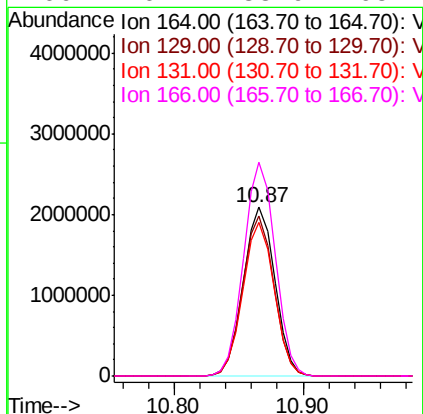
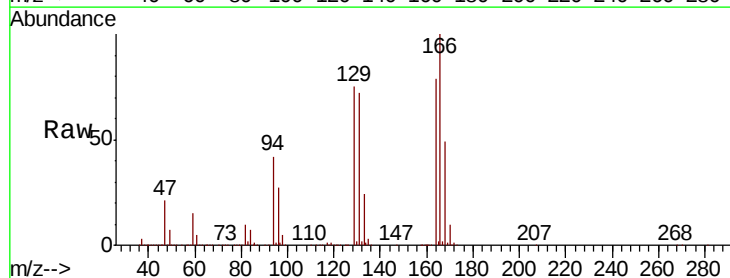
Ion Ratio Lower Upper

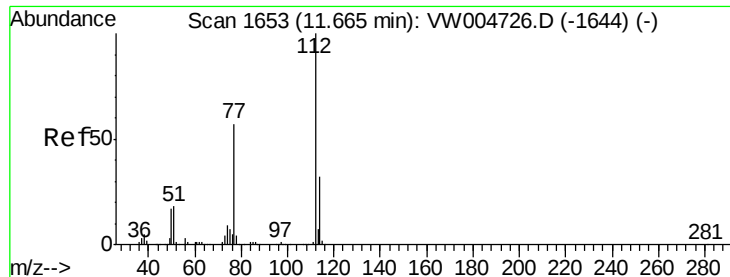
164 100

129 94.8 65.0 120.6

131 91.3 62.2 115.4

166 126.7 88.9 165.1





#52

Chlorobenzene

Concen: 23.04 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004730.D

Acq: 16 Aug 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

GAB08

Tot Ion:112 Resp: 651910

Ion Ratio Lower Upper

112 100

77 57.5 46.0 69.0

114 31.6 22.3 41.5

