

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004958.D
 Acq On : 25 Aug 2018 01:15
 Operator : SY/AP
 Sample : J4649-02MS
 Misc : 4.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB88MS

Quant Time: Aug 25 04:53:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 01:34:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	660096	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	735721	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	362519	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	276864	22.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.76%
7) Chloroethane-d5	2.89	69	223853	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.80%
10) 1,1-Dichloroethene-d2	4.03	63	339162	21.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.16%
20) 2-Butanone-d5	7.09	46	127225	50.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.20%
24) Chloroform-d	7.65	84	348677	23.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.16%
26) 1,2-Dichloroethane-d4	8.31	65	215232	27.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.12%
29) Benzene-d6	8.28	84	846889	22.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.52%
33) 1,2-Dichloropropane-d6	9.28	67	262746	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	10.33	98	900567	22.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.84%
38) trans-1,3-Dichloropropene-	10.59	79	110329	23.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.24%
39) 2-Hexanone-d5	10.93	63	141375	51.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.64%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	280349	25.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	373503	25.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.60%

Target Compounds

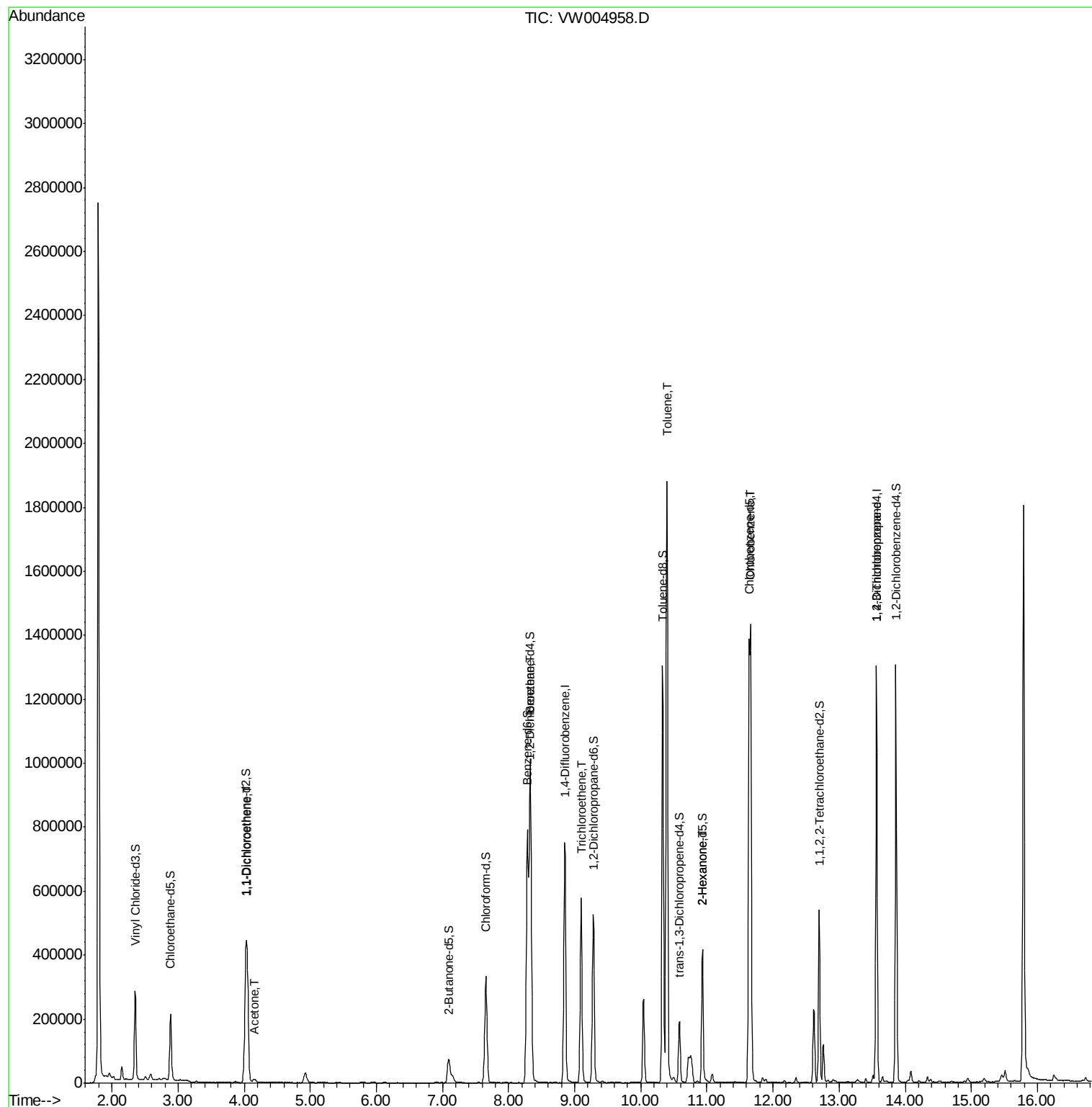
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	169703	22.082	ug/L	95
13) Acetone	4.15	43	15395	7.827	ug/L	98
34) Benzene	8.33	78	918461	21.894	ug/L	100
35) Trichloroethene	9.10	95	208654	20.003	ug/L	99
44) Toluene	10.40	91	1452493	28.832	ug/L	99
49) 2-Hexanone	10.93	43	17610	2.991	ug/L #	69
52) Chlorobenzene	11.66	112	746997	22.321	ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	40175	4.542	ug/L	92

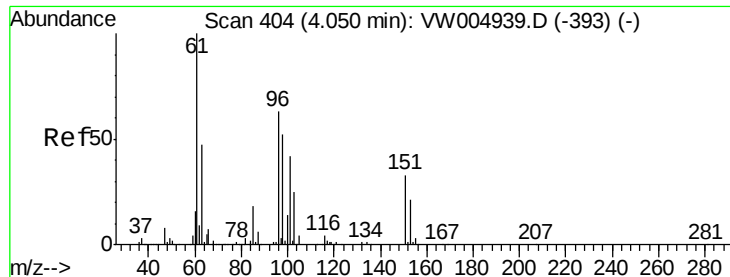
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration

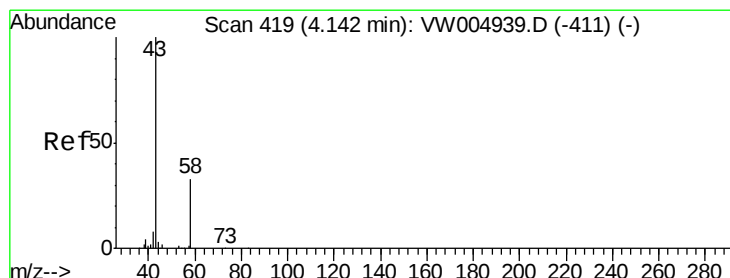
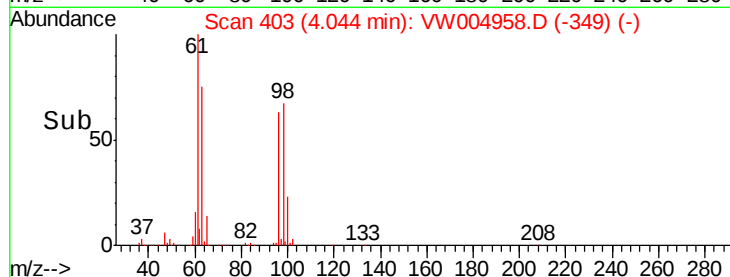
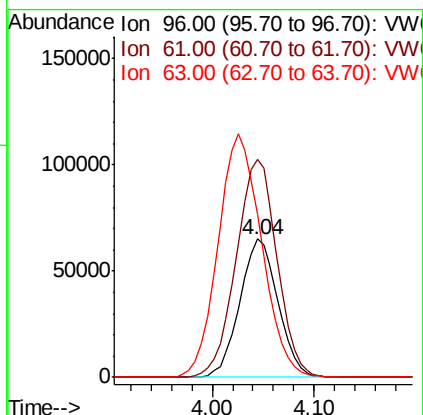
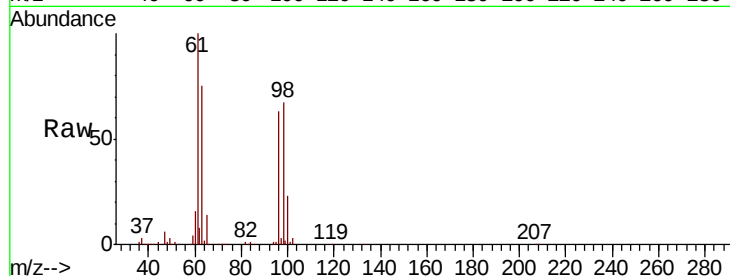




#12
 1,1-Dichloroethene
 Concen: 22.082 ug/L
 RT: 4.04 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VW004958.D
 Acq: 25 Aug 2018 01:15

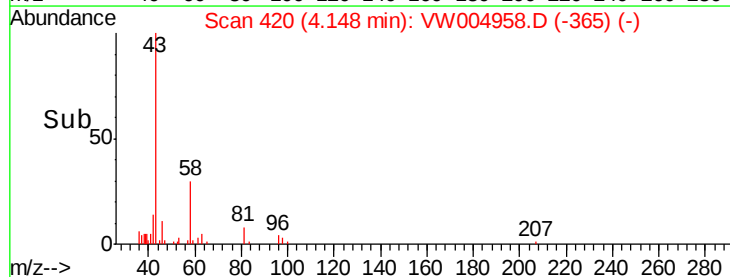
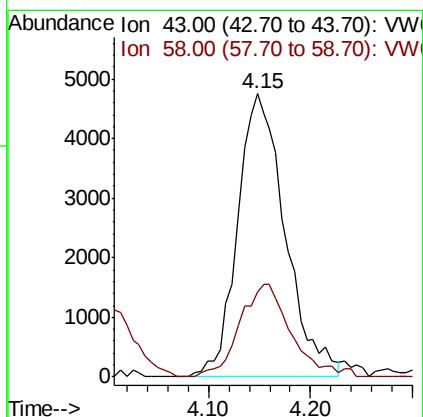
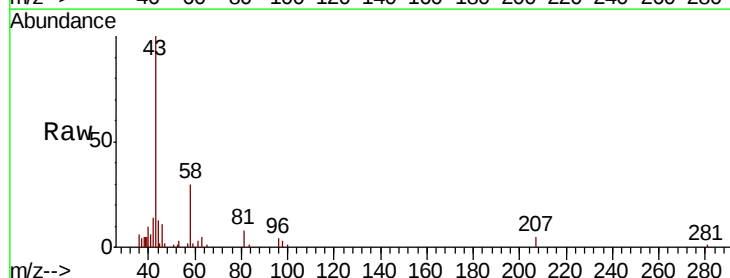
Instrument :
 MSVOA_W
 ClientSampleId :
 GAB88MS

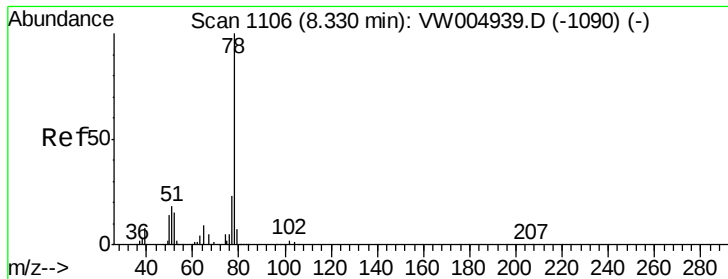
Tgt Ion: 96 Resp: 169703
 Ion Ratio Lower Upper
 96 100
 61 158.0 107.0 198.8
 63 117.8 76.9 142.7



#13
 Acetone
 Concen: 7.827 ug/L
 RT: 4.15 min Scan# 420
 Delta R.T. 0.01 min
 Lab File: VW004958.D
 Acq: 25 Aug 2018 01:15

Tgt Ion: 43 Resp: 15395
 Ion Ratio Lower Upper
 43 100
 58 33.7 0.0 69.4





#34

Benzene

Concen: 21.894 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW004958.D

Acq: 25 Aug 2018 01:15

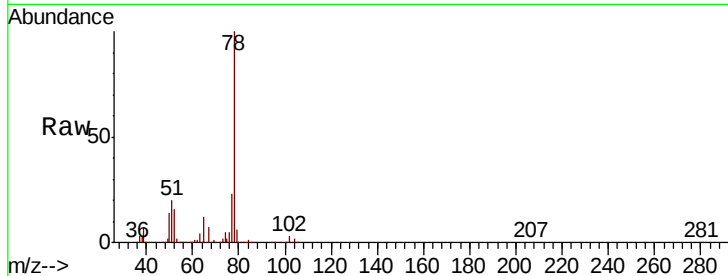
Instrument :

MSVOA_W

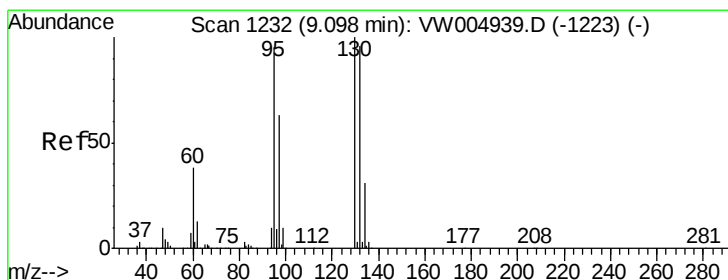
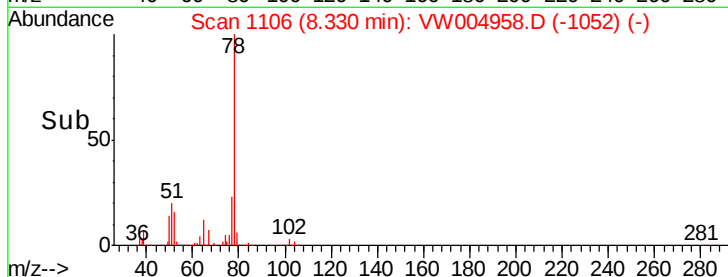
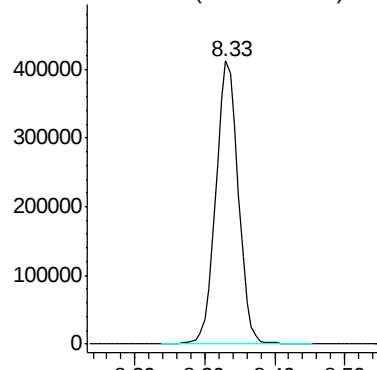
ClientSampleId :

GAB88MS

Tgt Ion: 78 Resp: 918461



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 20.003 ug/L

RT: 9.10 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VW004958.D

Acq: 25 Aug 2018 01:15

Tgt Ion: 95 Resp: 208654

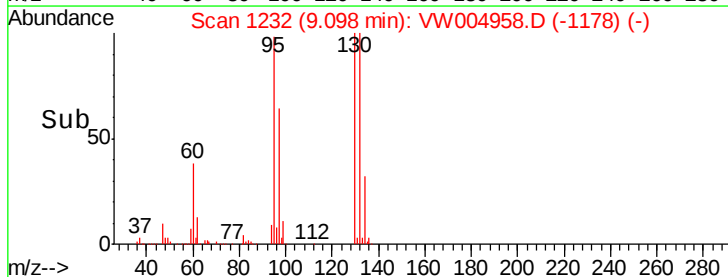
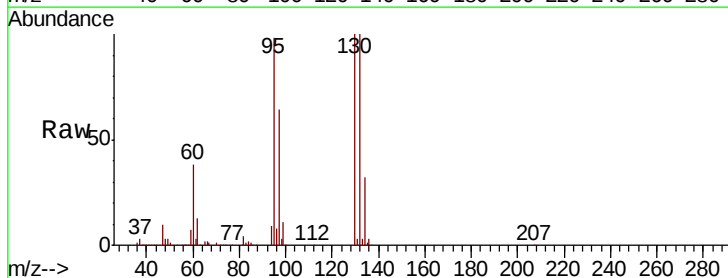
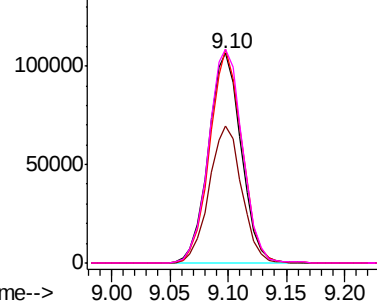
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	100.2	69.2	128.4
130	104.5	72.7	135.1

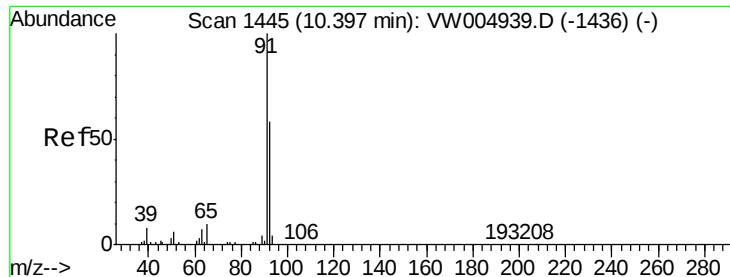
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 28.832 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. -0.00 min

Lab File: VW004958.D

Acq: 25 Aug 2018 01:15

Instrument :

MSVOA_W

ClientSampleId :

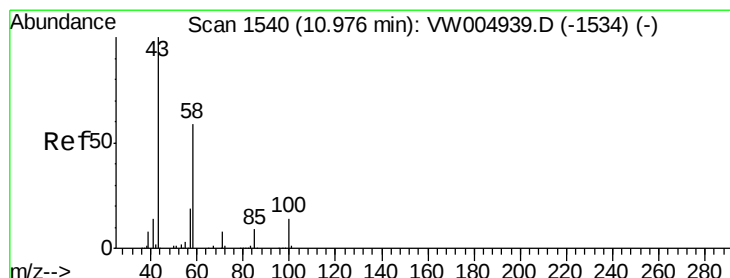
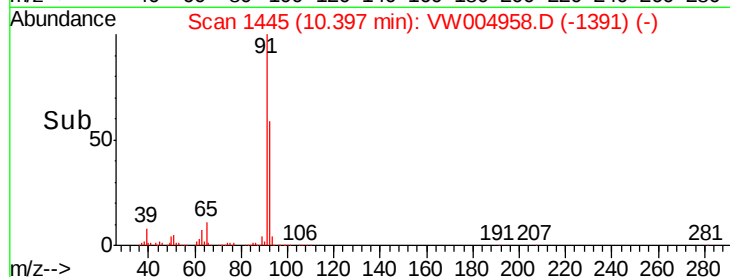
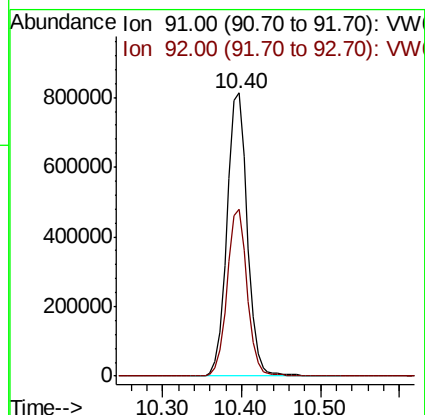
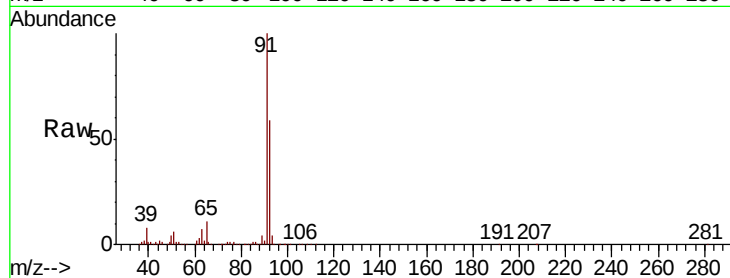
GAB88MS

Tgt Ion: 91 Resp: 1452493

Ion Ratio Lower Upper

91 100

92 58.8 40.6 75.4



#49

2-Hexanone

Concen: 2.991 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004958.D

Acq: 25 Aug 2018 01:15

Tgt Ion: 43 Resp: 17610

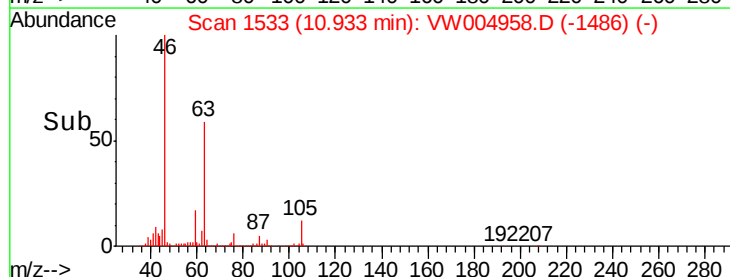
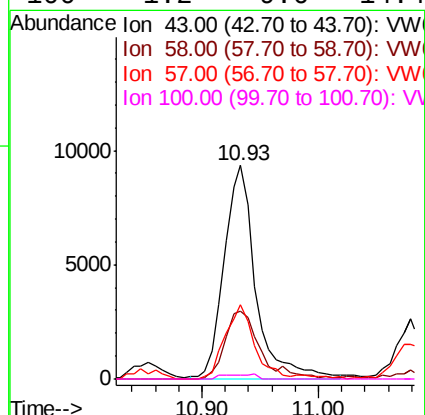
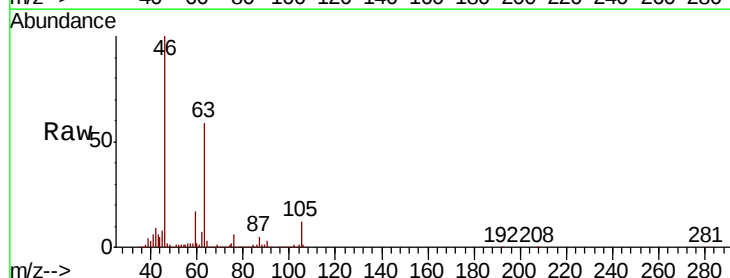
Ion Ratio Lower Upper

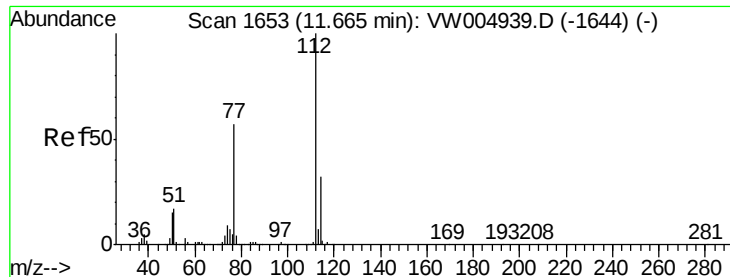
43 100

58 32.0 44.6 67.0#

57 31.8 15.4 23.2#

100 1.2 9.6 14.4#





#52

Chlorobenzene

Concen: 22.321 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004958.D

Acq: 25 Aug 2018 01:15

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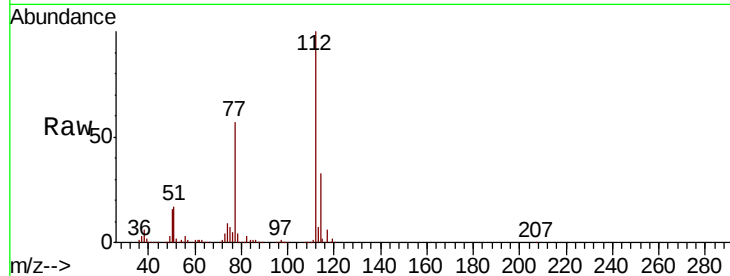
Tgt Ion: 112 Resp: 746997

Ion Ratio Lower Upper

112 100

77 56.8 45.8 68.8

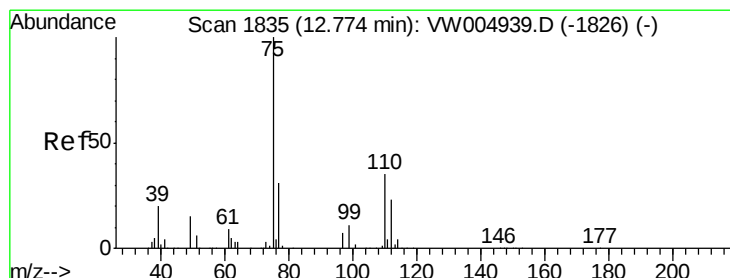
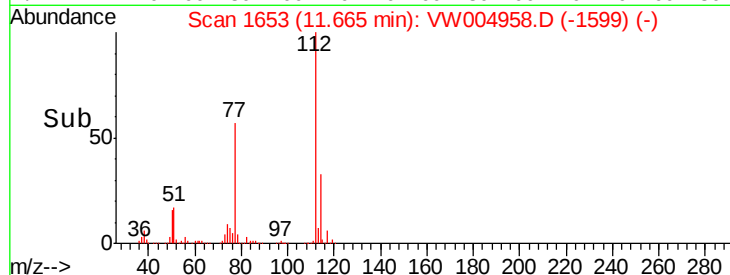
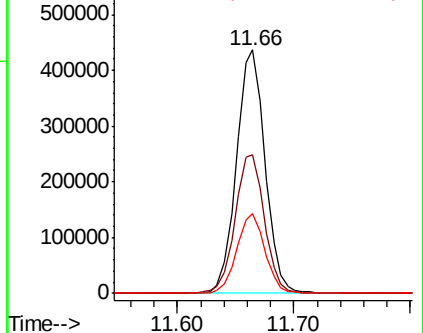
114 32.5 22.5 41.7



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



#59

1,2,3-Trichloropropane

Concen: 4.542 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004958.D

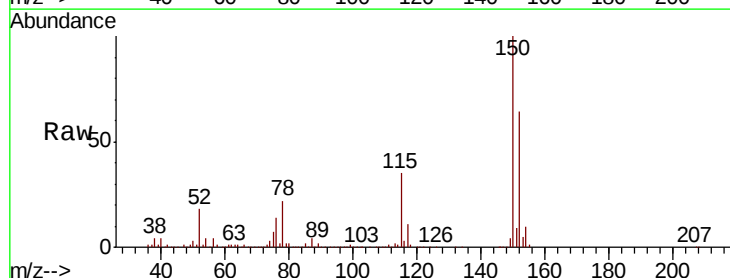
Acq: 25 Aug 2018 01:15

Tgt Ion: 75 Resp: 40175

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

