

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082418\
 Data File : VW004959.D
 Acq On : 25 Aug 2018 01:40
 Operator : SY/AP
 Sample : J4649-03MSD
 Misc : 4.67G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAB88MSD

Quant Time: Aug 25 04:53:41 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	655210	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	726959	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	334678	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	288832	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.28%
7) Chloroethane-d5	2.89	69	228261	24.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.44%
10) 1,1-Dichloroethene-d2	4.03	63	352105	22.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.08%
20) 2-Butanone-d5	7.09	46	126079	50.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.04%
24) Chloroform-d	7.65	84	368910	25.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.44%
26) 1,2-Dichloroethane-d4	8.32	65	223151	28.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.92%
29) Benzene-d6	8.28	84	882200	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	9.28	67	272680	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.33	98	933415	23.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.24%
38) trans-1,3-Dichloropropene-	10.59	79	112334	23.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.04%
39) 2-Hexanone-d5	10.93	63	141518	51.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.98%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	287447	26.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	379019	28.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.76%

Target Compounds

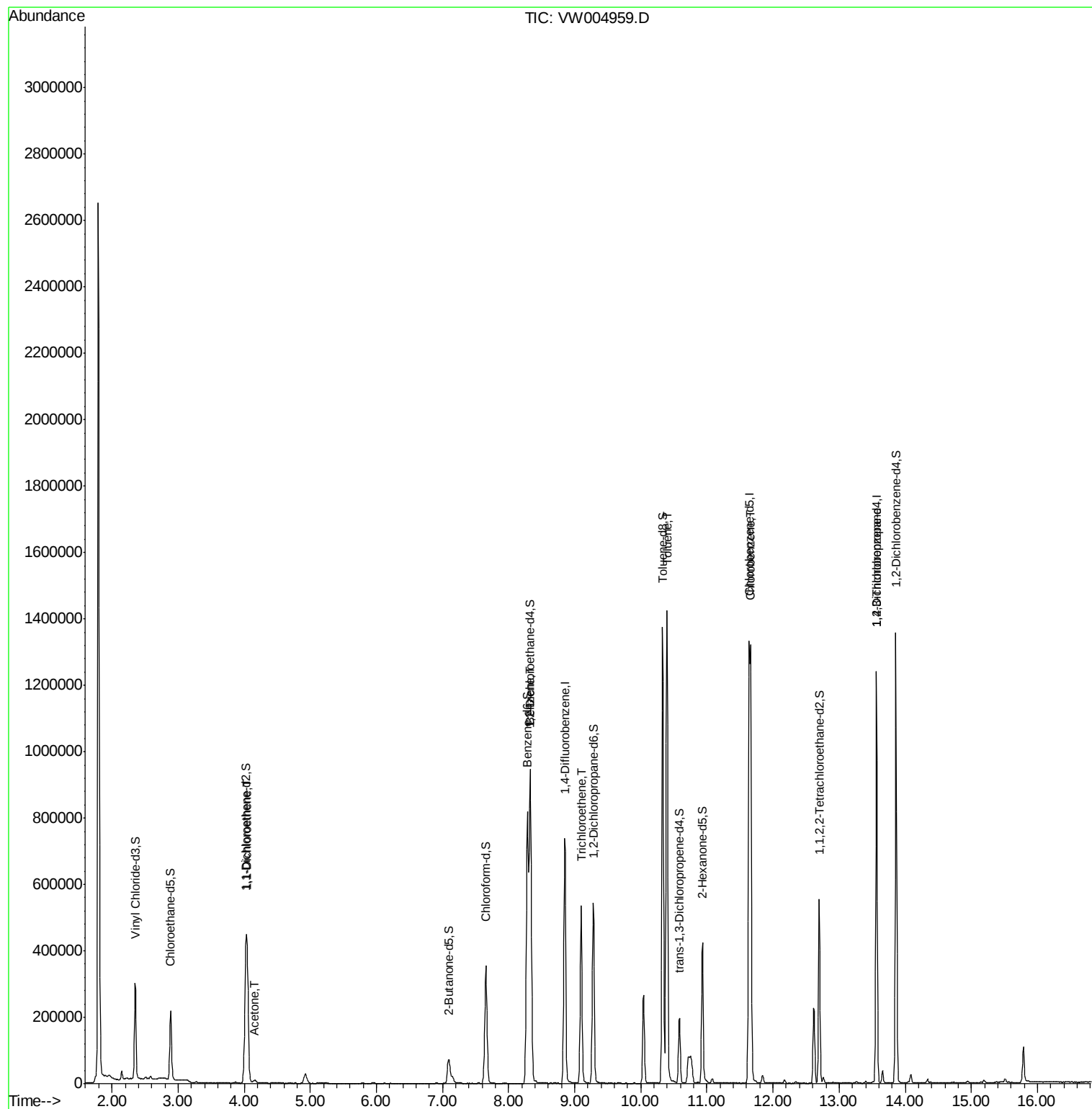
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.04	96	159795	20.948	ug/L	83
13) Acetone	4.15	43	9896	5.069	ug/L	98
34) Benzene	8.33	78	838812	20.237	ug/L	100
35) Trichloroethene	9.10	95	193175	18.742	ug/L	99
44) Toluene	10.40	91	1099261	22.083	ug/L	99
52) Chlorobenzene	11.66	112	680561	20.581	ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	37621	4.304	ug/L	92

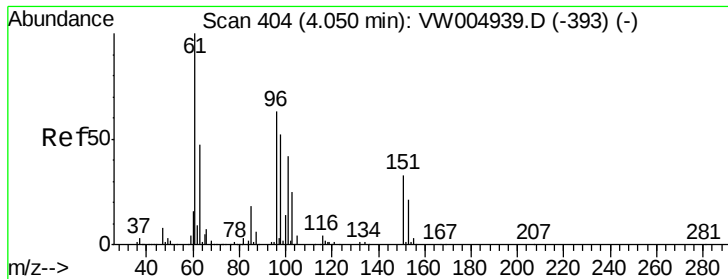
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 25 01:34:01 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 20.948 ug/L

RT: 4.04 min Scan# 403

Delta R.T. -0.00 min

Lab File: VW004959.D

Acq: 25 Aug 2018 01:40

Instrument :

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ClientSampleId :

GAB88MSD

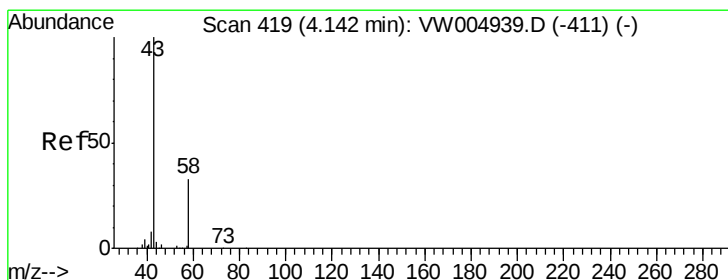
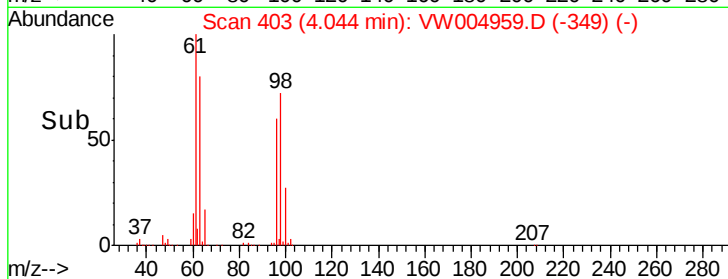
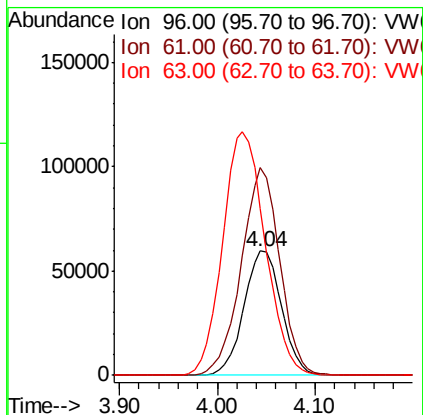
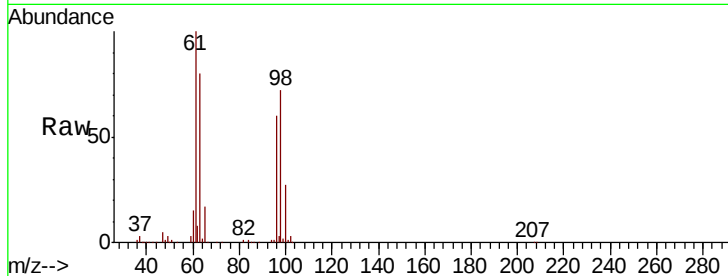
Tgt Ion: 96 Resp: 159795

Ion Ratio Lower Upper

96 100

61 167.8 107.0 198.8

63 134.9 76.9 142.7



#13

Acetone

Concen: 5.069 ug/L

RT: 4.15 min Scan# 420

Delta R.T. 0.01 min

Lab File: VW004959.D

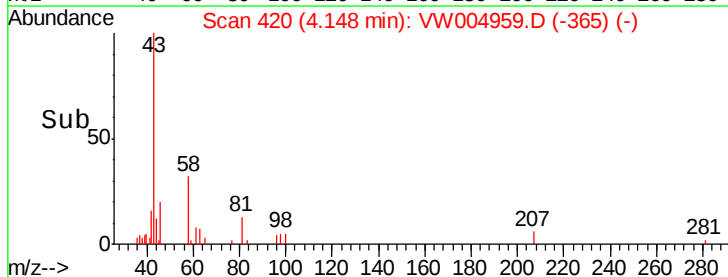
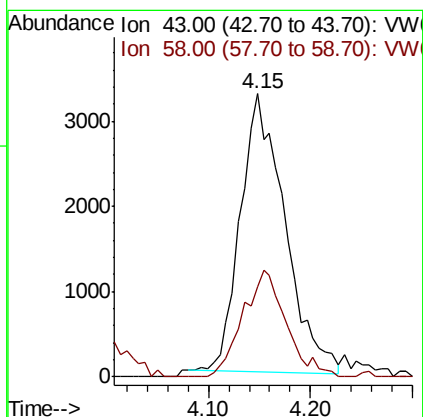
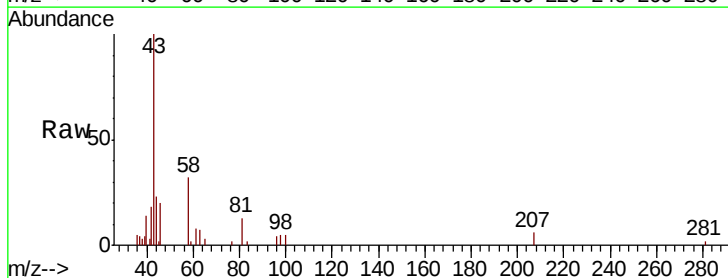
Acq: 25 Aug 2018 01:40

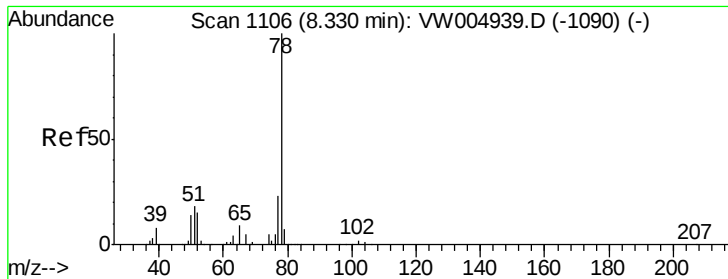
Tgt Ion: 43 Resp: 9896

Ion Ratio Lower Upper

43 100

58 35.6 0.0 69.4





#34

Benzene

Concen: 20.237 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VW004959.D

Acq: 25 Aug 2018 01:40

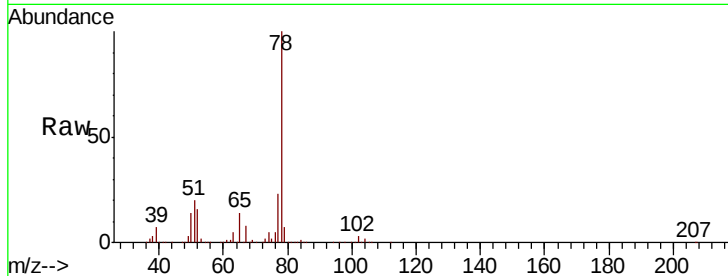
Instrument :

MSVOA_W

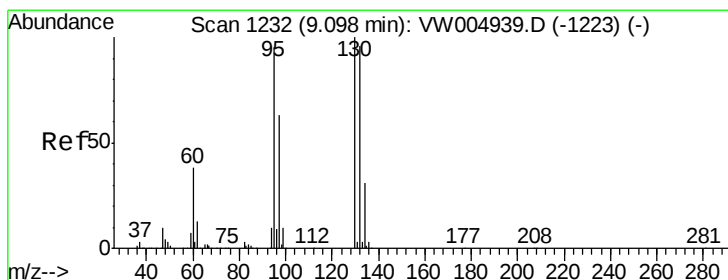
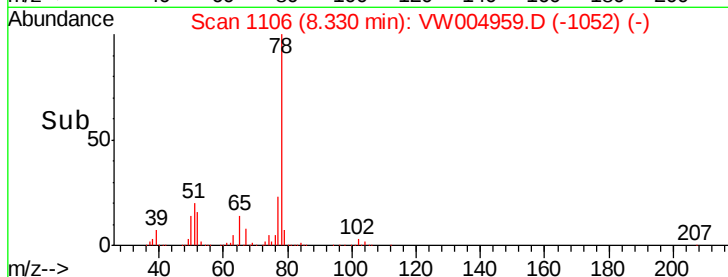
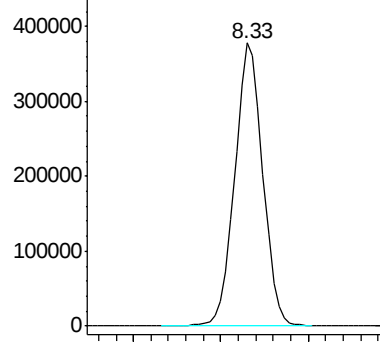
ClientSampleId :

GAB88MSD

Tgt Ion: 78 Resp: 838812



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 18.742 ug/L

RT: 9.10 min Scan# 1232

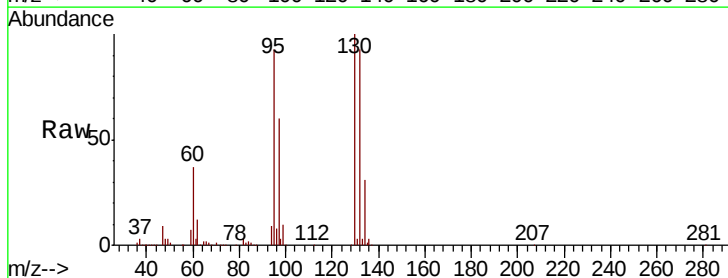
Delta R.T. 0.00 min

Lab File: VW004959.D

Acq: 25 Aug 2018 01:40

Tgt Ion: 95 Resp: 193175

Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.9	85.3
132	99.2	69.2	128.4
130	103.9	72.7	135.1

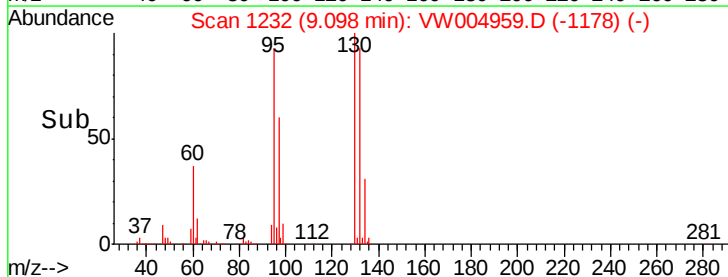


Abundance Ion 95.00 (94.70 to 95.70): VW

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



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

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

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

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

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

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

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

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

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

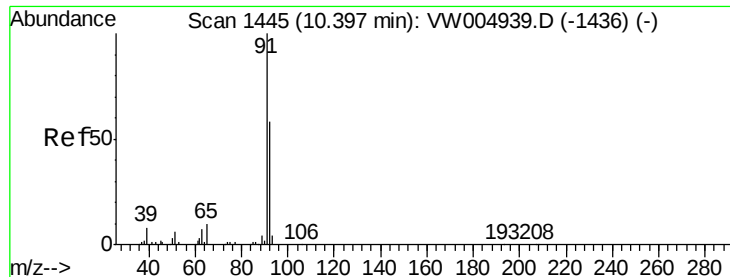
Ion 130.00 (129.70 to 130.70): V

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: 22.083 ug/L

RT: 10.40 min Scan# 1445

Delta R.T. 0.00 min

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ClientSampleId :

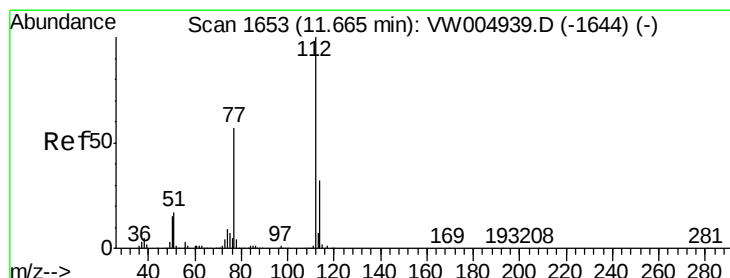
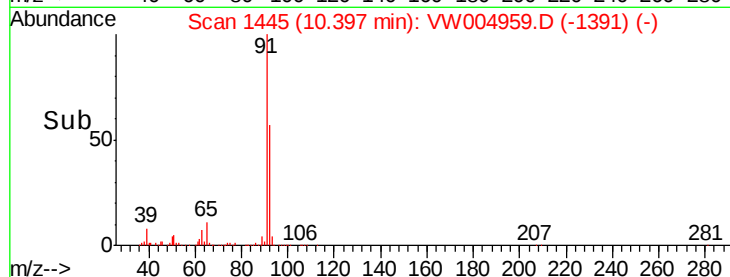
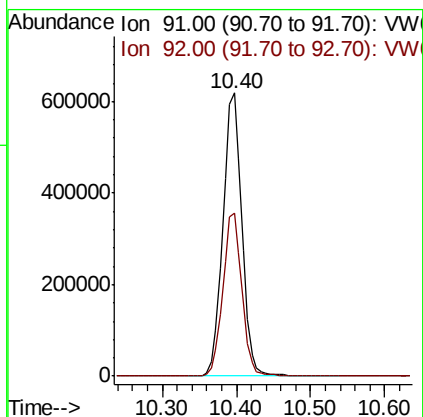
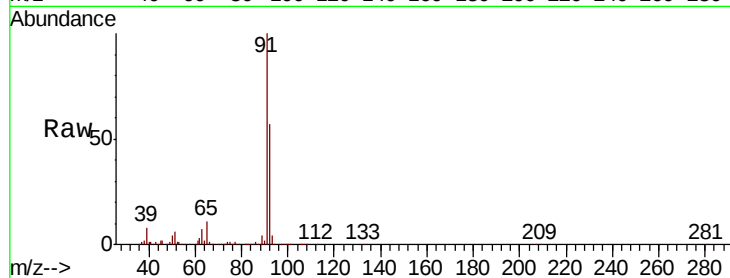
GAB88MSD

Tgt Ion: 91 Resp: 1099261

Ion Ratio Lower Upper

91 100

92 57.5 40.6 75.4



#52

Chlorobenzene

Concen: 20.581 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VW004959.D

Acq: 25 Aug 2018 01:40

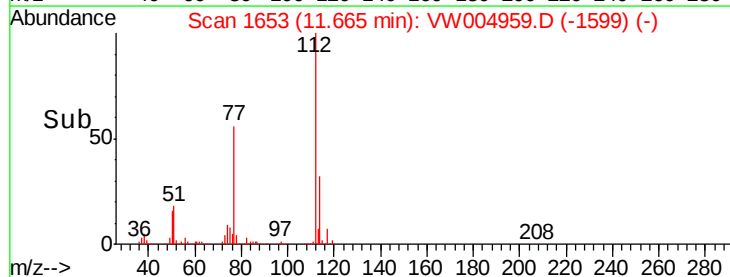
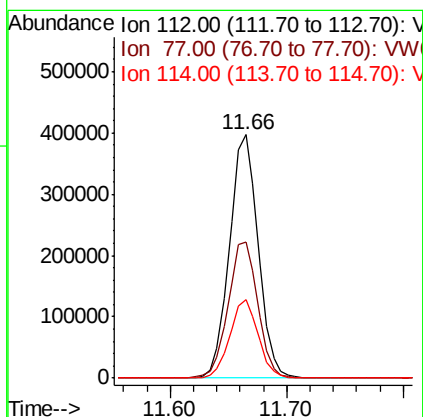
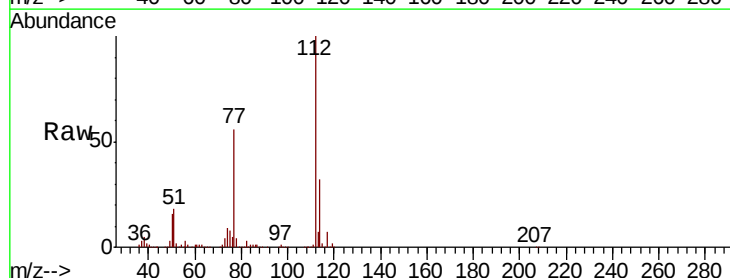
Tgt Ion: 112 Resp: 680561

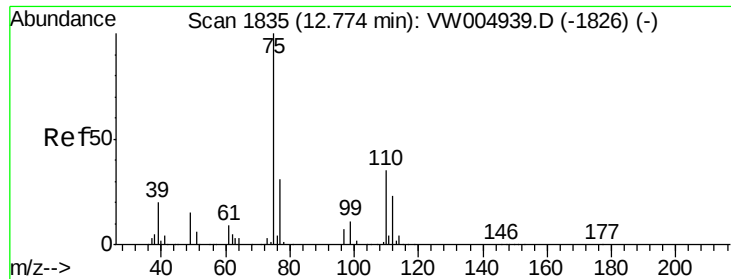
Ion Ratio Lower Upper

112 100

77 56.2 45.8 68.8

114 32.1 22.5 41.7





#59

1,2,3-Trichloropropane

Concen: 4.304 ug/L

RT: 13.57 min Scan# 1965

Delta R.T. 0.79 min

Lab File: VW004959.D

Acq: 25 Aug 2018 01:40

Instrument :

MSVOA_W

ClientSampleId :

GAB88MSD

Tgt Ion: 75 Resp: 37621

Ion Ratio Lower Upper

75 100

77 36.1 25.3 37.9

