

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
 Data File : VW004418.D
 Acq On : 03 Aug 2018 01:04
 Operator : SY/AP
 Sample : J4261-11MSD
 Misc : 5.46G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5F96MSD

Quant Time: Aug 03 05:34:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 05:29:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	813950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	727113	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	220537	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	344179	34.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	136.00%
7) Chloroethane-d5	2.89	69	274714	32.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	129.00%
10) 1,1-Dichloroethene-d2	4.01	63	640519	31.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	124.60%#
20) 2-Butanone-d5	7.09	46	177258	39.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
24) Chloroform-d	7.65	84	612067	27.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.12%
26) 1,2-Dichloroethane-d4	8.31	65	349753	28.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.88%
29) Benzene-d6	8.28	84	1159242	29.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.88%
33) 1,2-Dichloropropane-d6	9.28	67	390889	30.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	123.68%#
37) Toluene-d8	10.33	98	942592	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.56%
38) trans-1,3-Dichloropropene-	10.58	79	137099	26.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.48%
39) 2-Hexanone-d5	10.93	63	143443	46.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.22%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	327272	23.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	216211	26.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.40%

Target Compounds

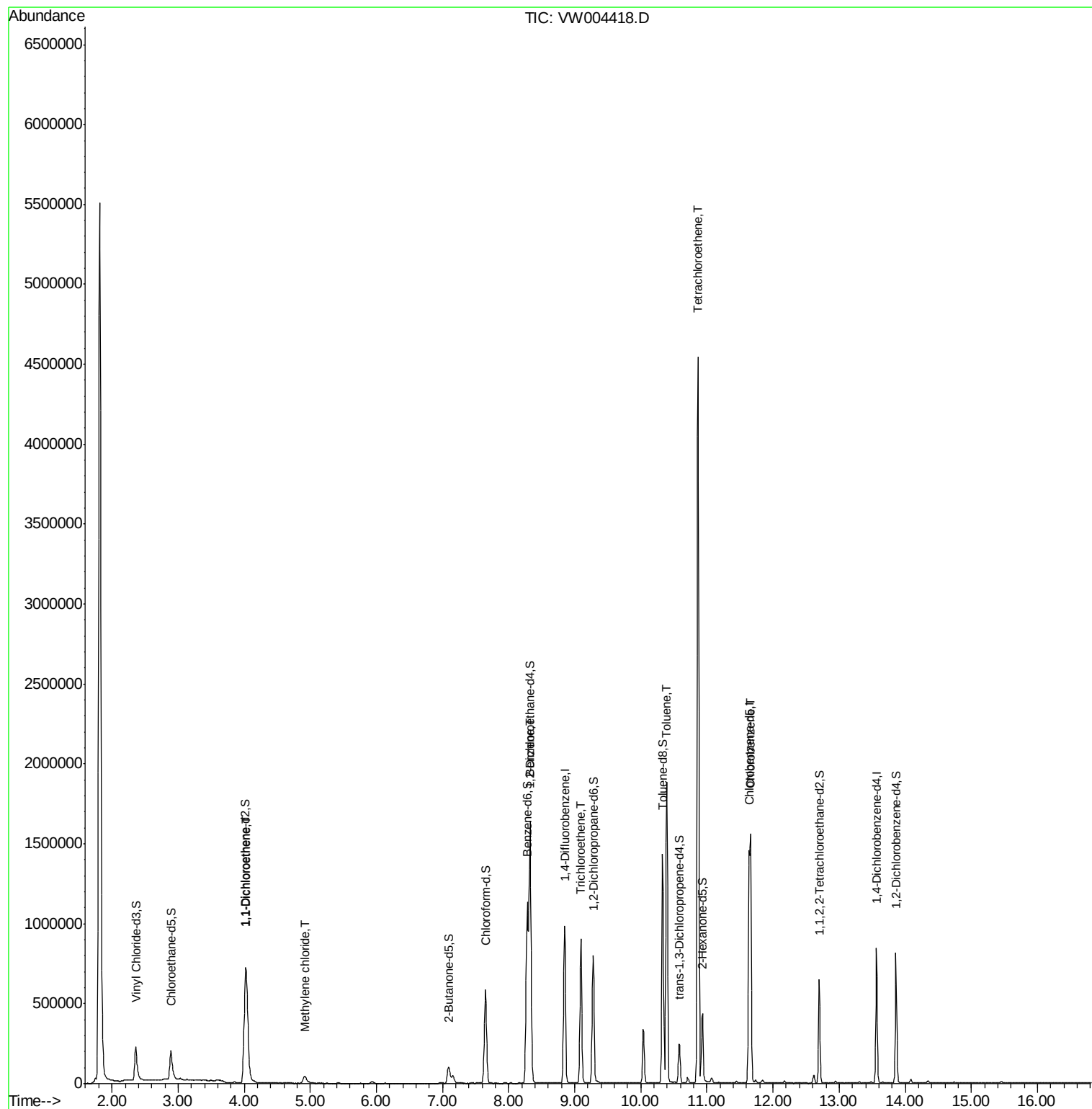
					Qvalue
12) 1,1-Dichloroethene	4.04	96	325368	28.829 ug/L	94
16) Methylene chloride	4.92	84	41036	2.538 ug/L	99
34) Benzene	8.32	78	1407663	31.400 ug/L	100
35) Trichloroethene	9.09	95	324236	28.754 ug/L	99
44) Toluene	10.39	91	1381121	30.614 ug/L	99
47) Tetrachloroethene	10.87	164	1021407	114.482 ug/L	98
52) Chlorobenzene	11.66	112	774594	25.388 ug/L	99

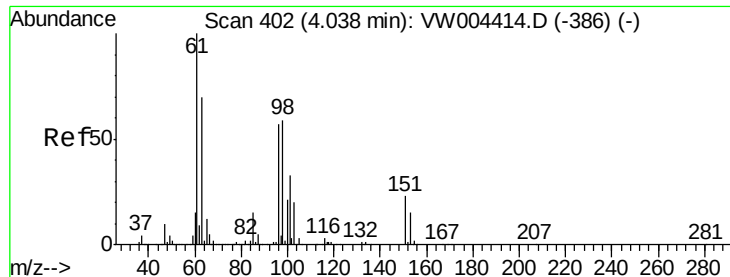
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 05:29:00 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 28.829 ug/L

RT: 4.04 min Scan# 402

Delta R.T. 0.00 min

Lab File: VW004418.D

Acq: 03 Aug 2018 01:04

Instrument :

MSVOA_W

ClientSampled :

E5F96MSD

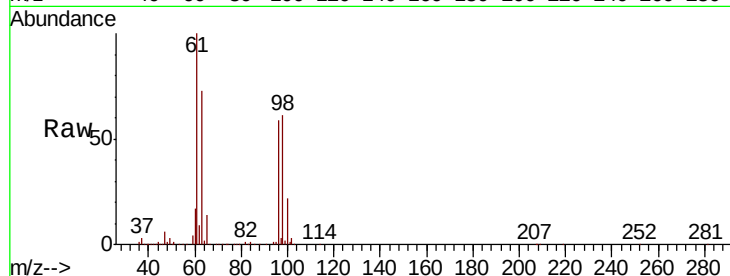
Tgt Ion: 96 Resp: 325368

Ion Ratio Lower Upper

96 100

61 169.1 115.9 215.3

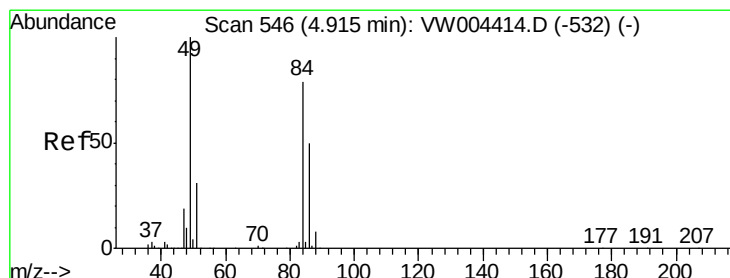
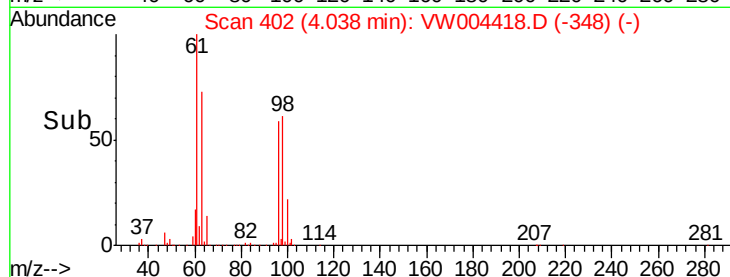
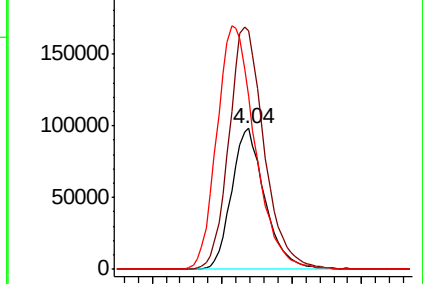
63 123.4 78.0 144.9



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



#16

Methylene chloride

Concen: 2.538 ug/L

RT: 4.92 min Scan# 546

Delta R.T. 0.00 min

Lab File: VW004418.D

Acq: 03 Aug 2018 01:04

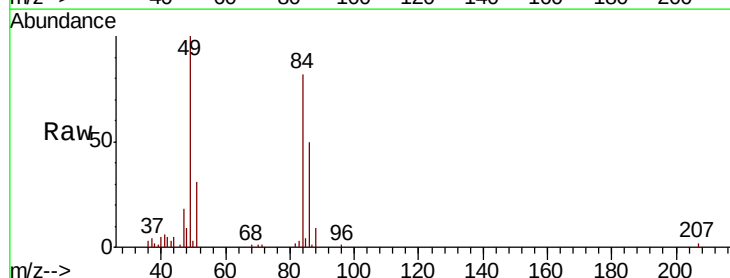
Tgt Ion: 84 Resp: 41036

Ion Ratio Lower Upper

84 100

49 121.6 86.0 159.6

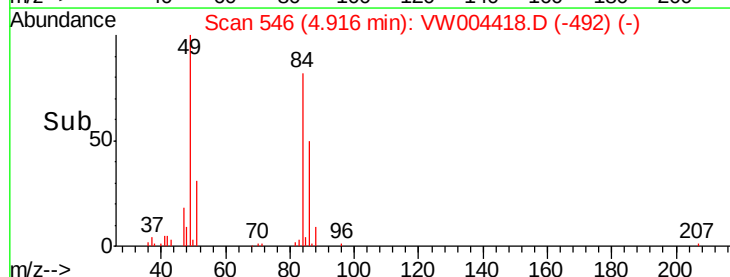
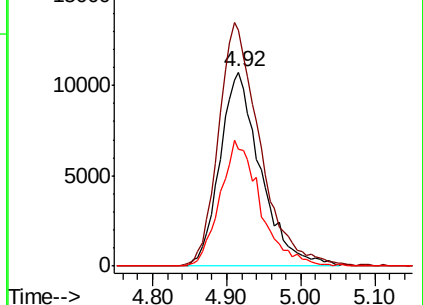
86 60.5 43.5 80.9

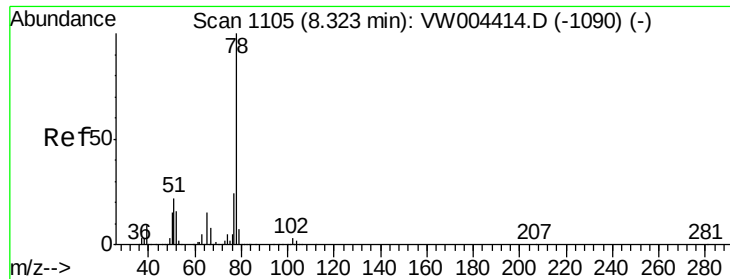


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 31.400 ug/L

RT: 8.32 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VW004418.D

Acq: 03 Aug 2018 01:04

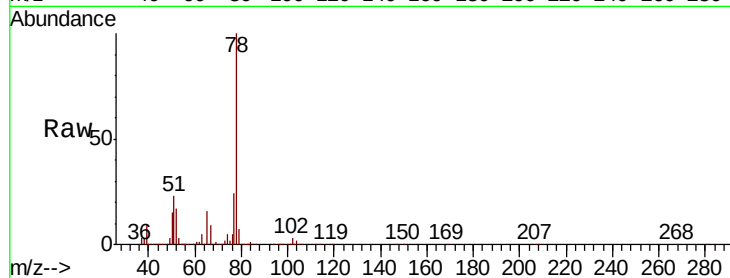
Instrument :

MSVOA_W

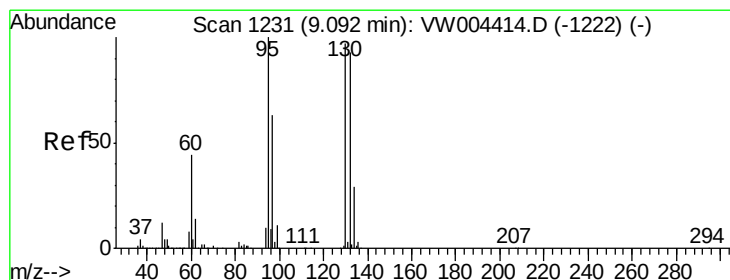
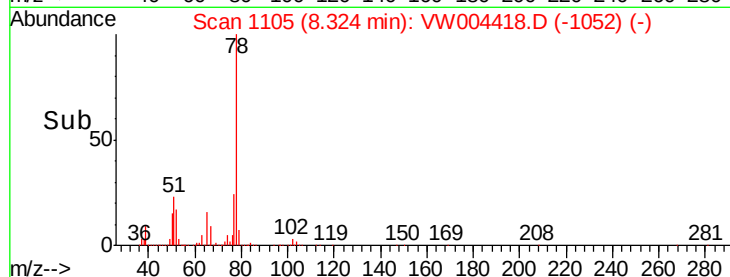
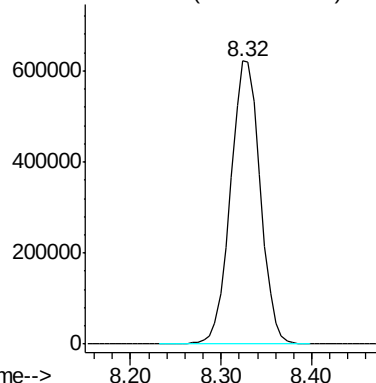
ClientSampleId :

E5F96MSD

Tgt Ion: 78 Resp: 1407663



Abundance Ion 78.00 (77.70 to 78.70): VW



#35

Trichloroethene

Concen: 28.754 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VW004418.D

Acq: 03 Aug 2018 01:04

Tgt Ion: 95 Resp: 324236

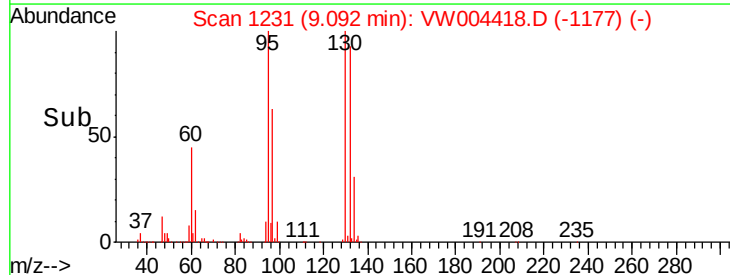
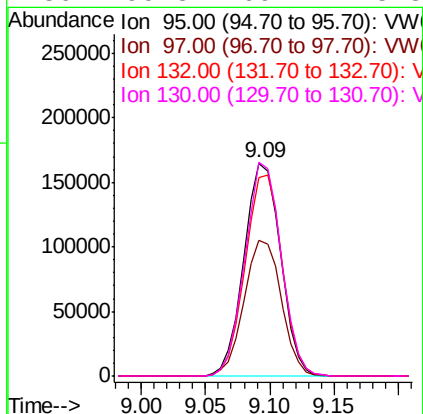
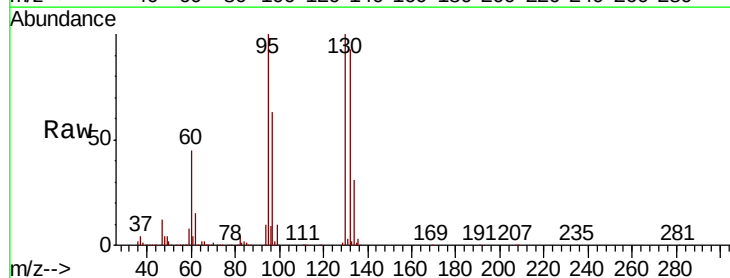
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.9	83.5
132	95.3	67.6	125.6
130	99.3	69.1	128.3

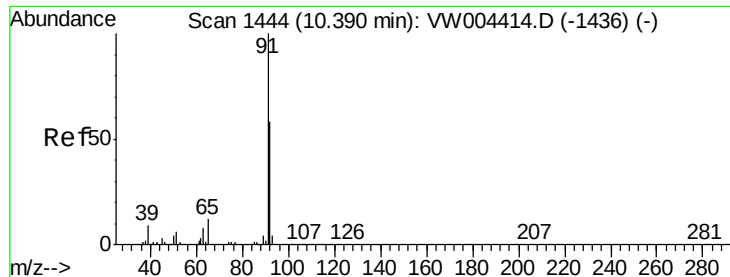
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 30.614 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004418.D

Acq: 03 Aug 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

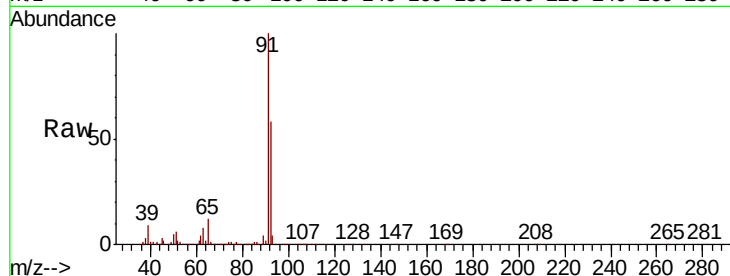
E5F96MSD

Tgt Ion: 91 Resp: 1381121

Ion Ratio Lower Upper

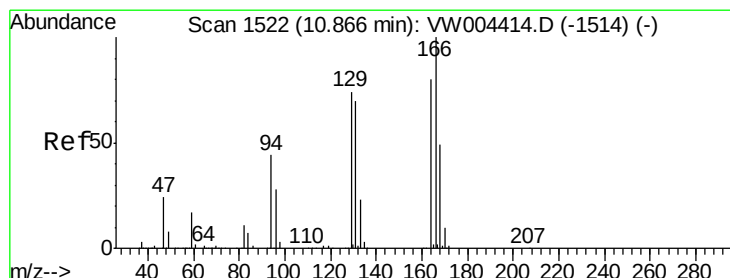
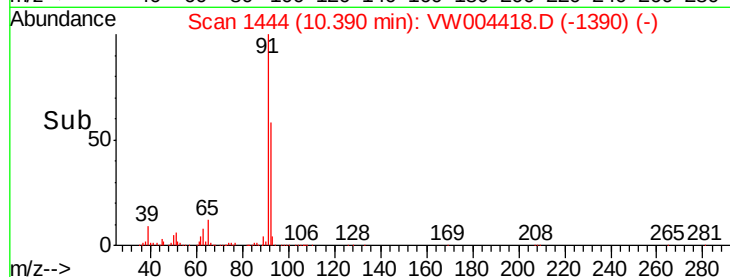
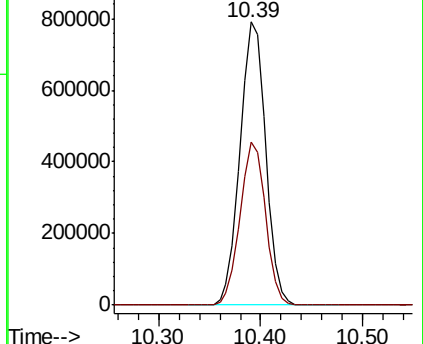
91 100

92 57.8 40.8 75.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW



#47

Tetrachloroethene

Concen: 114.482 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004418.D

Acq: 03 Aug 2018 01:04

Tgt Ion: 164 Resp: 1021407

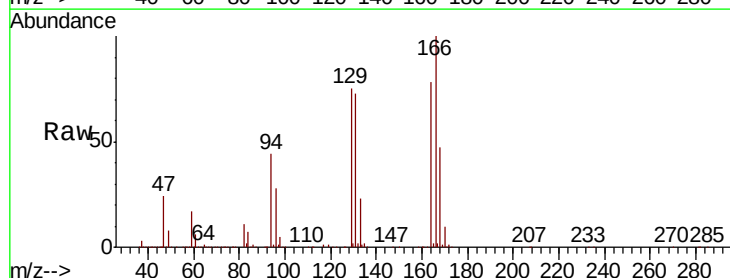
Ion Ratio Lower Upper

164 100

129 95.9 65.4 121.4

131 92.9 63.8 118.6

166 128.1 88.1 163.5

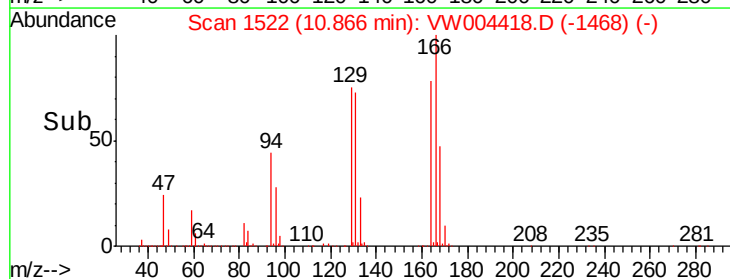
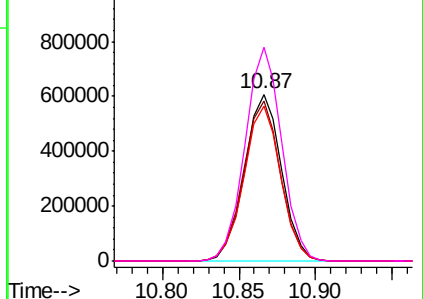


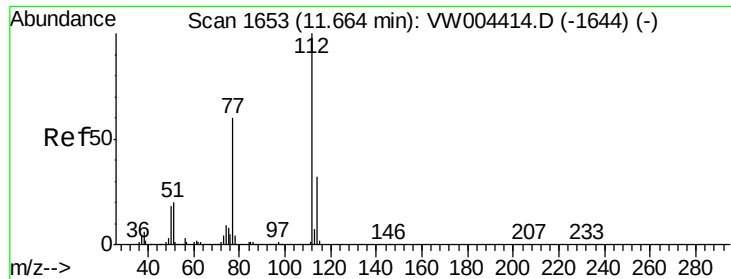
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#52

Chlorobenzene

Concen: 25.388 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004418.D

Acq: 03 Aug 2018 01:04

Instrument :

MSVOA_W

ClientSampleId :

E5F96MSD

Tgt Ion:112 Resp: 774594

Ion Ratio Lower Upper

112 100

77 58.7 46.5 69.7

114 31.6 22.0 41.0

