

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080218\
 Data File : VW004417.D
 Acq On : 03 Aug 2018 00:39
 Operator : SY/AP
 Sample : J4261-10MS
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E5F96MS

Quant Time: Aug 03 05:34:39 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	807419	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	730758	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	236273	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	319423	31.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	127.24%
7) Chloroethane-d5	2.89	69	255264	30.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.84%
10) 1,1-Dichloroethene-d2	4.01	63	597210	29.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	117.12%#
20) 2-Butanone-d5	7.09	46	159913	36.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.22%
24) Chloroform-d	7.65	84	565782	25.88	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.52%
26) 1,2-Dichloroethane-d4	8.31	65	316417	25.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.84%
29) Benzene-d6	8.28	84	1065624	27.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.64%
33) 1,2-Dichloropropane-d6	9.28	67	356862	28.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.36%
37) Toluene-d8	10.33	98	879242	25.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.64%
38) trans-1,3-Dichloropropene-	10.58	79	127702	24.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.76%
39) 2-Hexanone-d5	10.93	63	129271	41.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	296545	21.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	216840	24.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.76%

Target Compounds

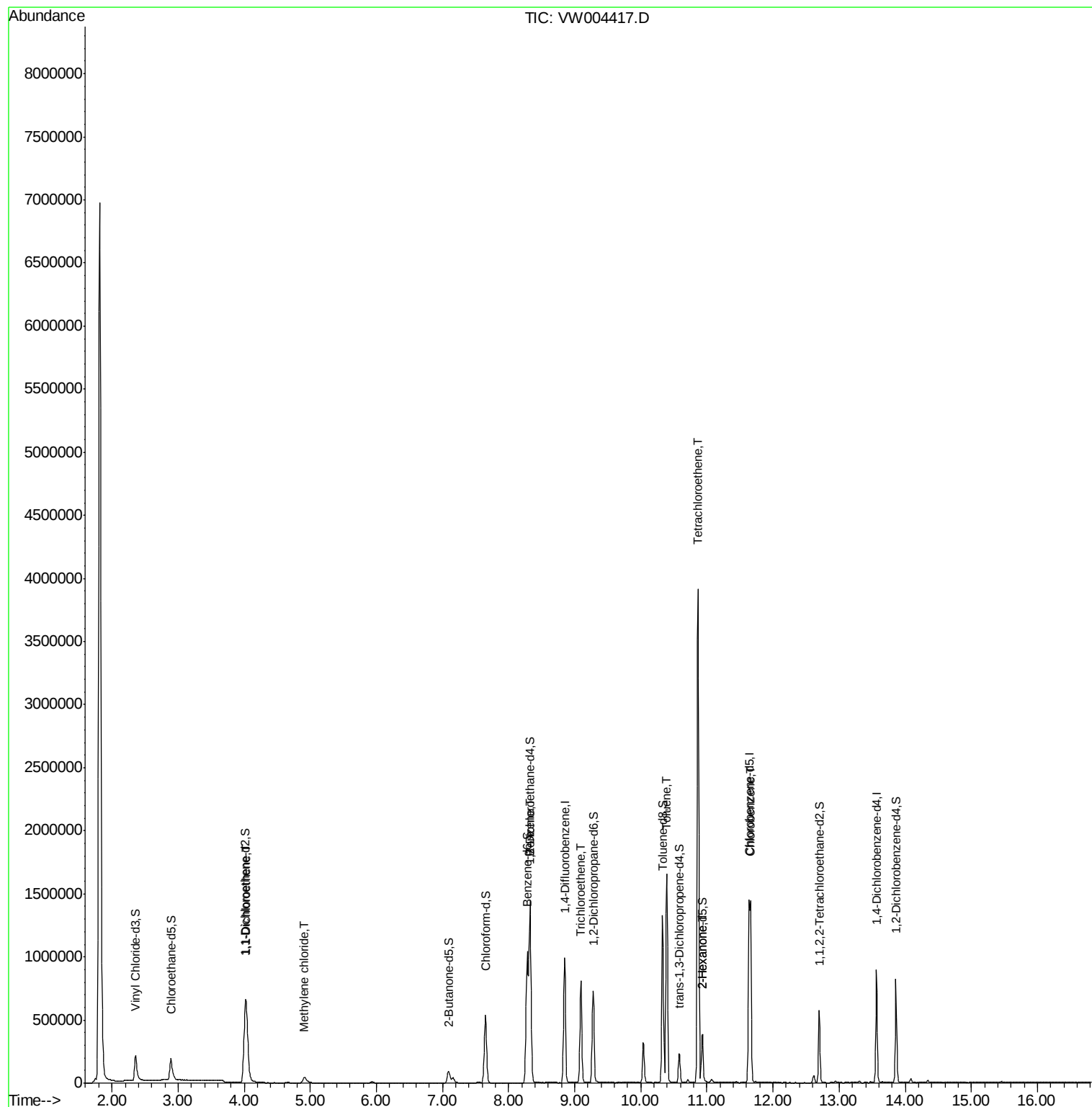
					Ovalue
12) 1,1-Dichloroethene	4.03	96	292494	26.126 ug/L	81
16) Methylene chloride	4.91	84	40465	2.523 ug/L	88
34) Benzene	8.33	78	1234063	27.390 ug/L	100
35) Trichloroethene	9.09	95	295203	26.049 ug/L	99
44) Toluene	10.39	91	1214716	26.791 ug/L	98
47) Tetrachloroethene	10.87	164	880827	98.233 ug/L	98
49) 2-Hexanone	10.93	43	18511	2.753 ug/L #	67
52) Chlorobenzene	11.66	112	702058	22.896 ug/L	100

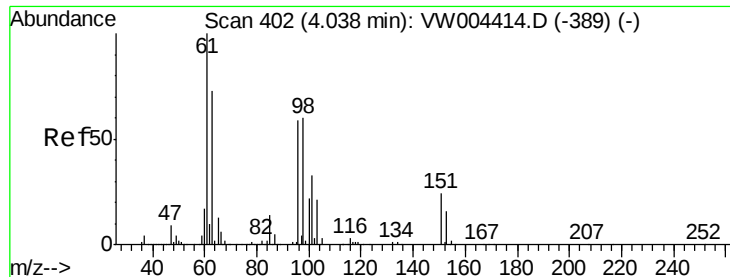
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW080218\
Data File : VW004417.D
Acq On : 03 Aug 2018 00:39
Operator : SY/AP
Sample : J4261-10MS
Misc : 5.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
E5F96MS

Quant Time: Aug 03 05:34:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 03 05:29:00 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 26.126 ug/L

RT: 4.03 min Scan# 401

Delta R.T. -0.01 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

Instrument :

MSVOA_W

ClientSampled :

E5F96MS

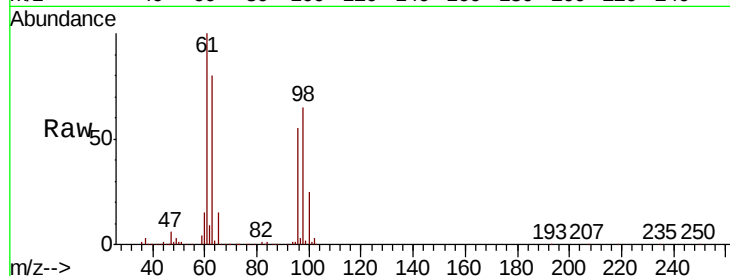
Tot Ion: 96 Resp: 292494

Ion Ratio Lower Upper

96 100

61 180.4 115.9 215.3

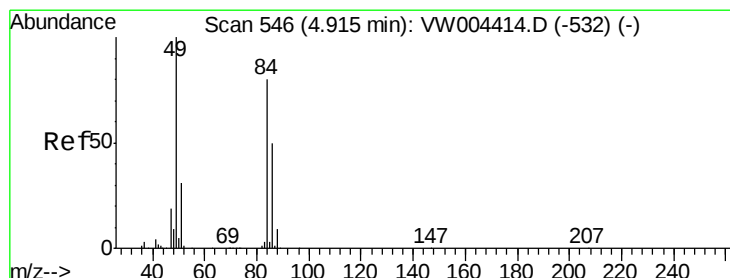
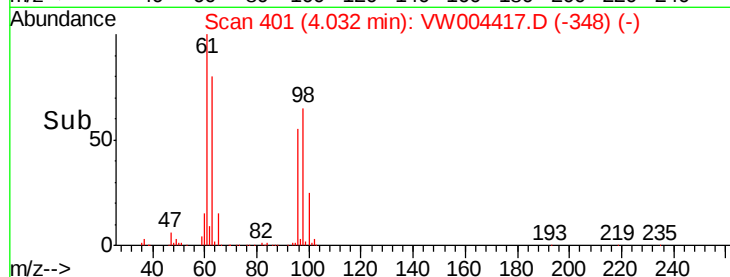
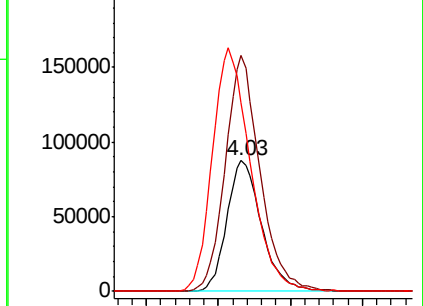
63 143.9 78.0 144.9



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: 2.523 ug/L

RT: 4.91 min Scan# 545

Delta R.T. -0.01 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

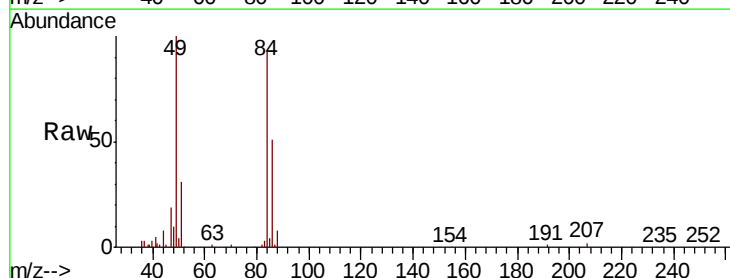
Tgt Ion: 84 Resp: 40465

Ion Ratio Lower Upper

84 100

49 107.9 86.0 159.6

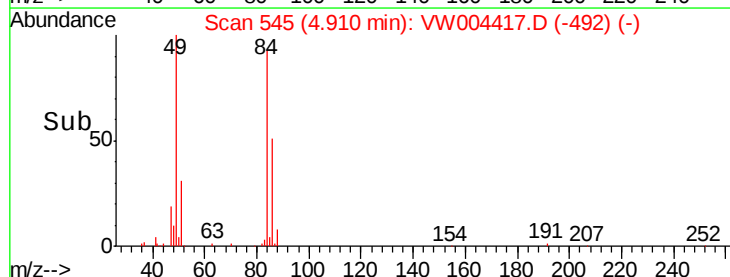
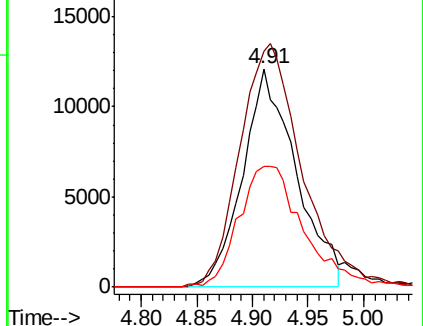
86 55.2 43.5 80.9

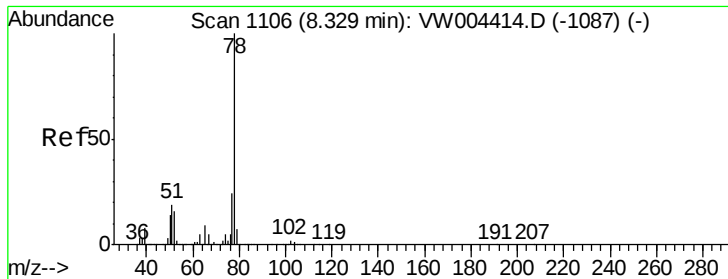


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#34

Benzene

Concen: 27.390 ug/L

RT: 8.33 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

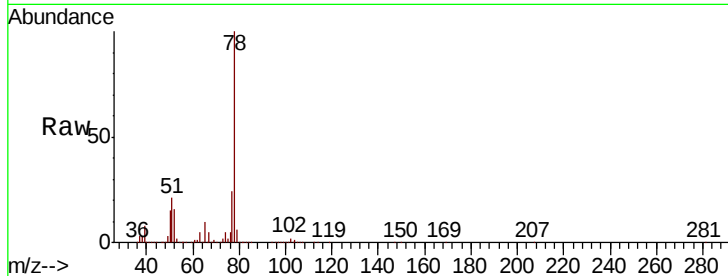
Instrument :

MSVOA_W

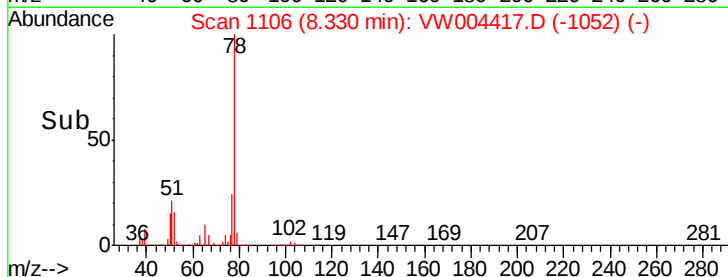
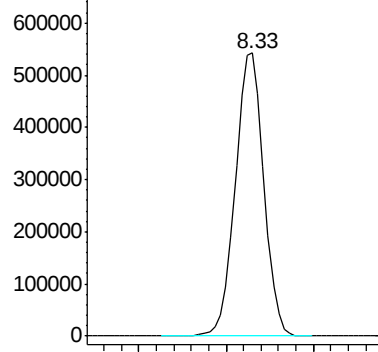
ClientSampleId :

E5F96MS

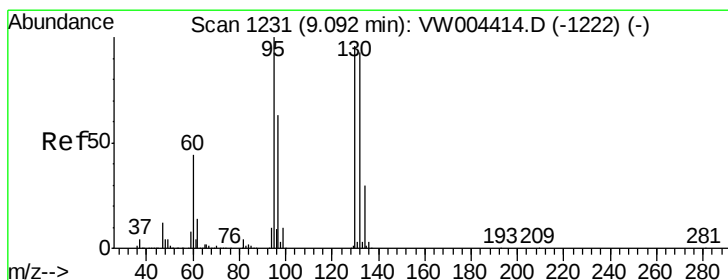
Tgt Ion: 78 Resp: 1234063



Abundance Ion 78.00 (77.70 to 78.70): VW



Time-->



#35

Trichloroethene

Concen: 26.049 ug/L

RT: 9.09 min Scan# 1231

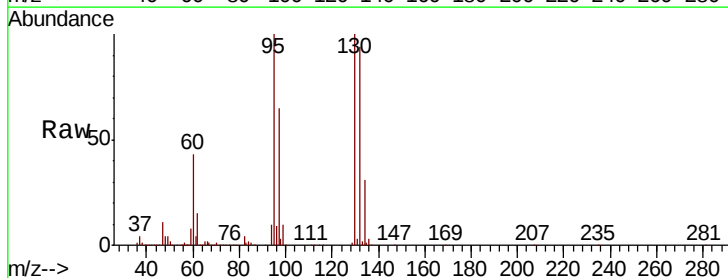
Delta R.T. 0.00 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

Tgt Ion: 95 Resp: 295203

Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.9	83.5
132	95.3	67.6	125.6
130	97.5	69.1	128.3

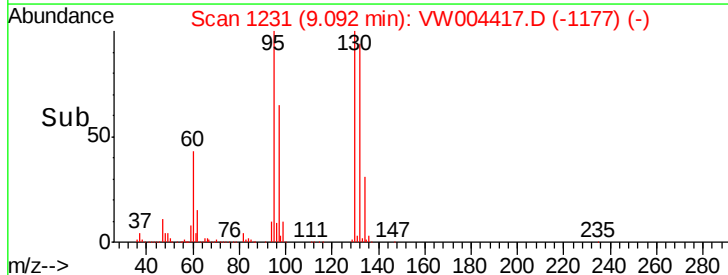
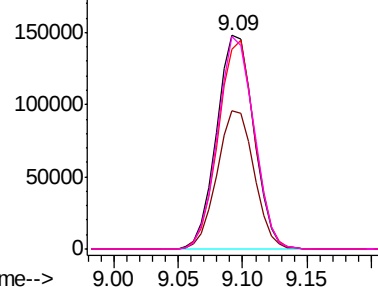


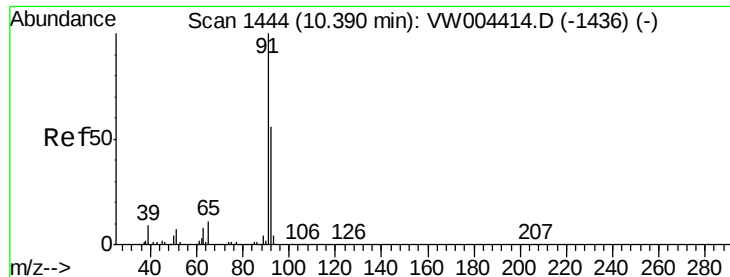
Abundance Ion 95.00 (94.70 to 95.70): VW

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: 26.791 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

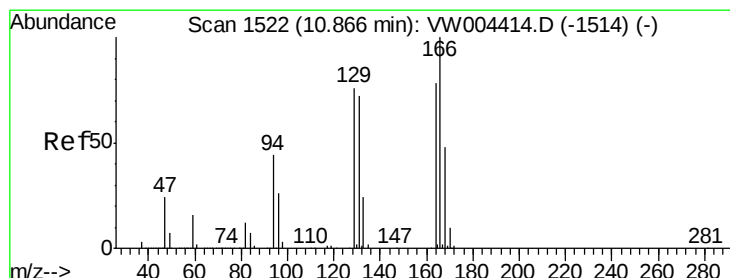
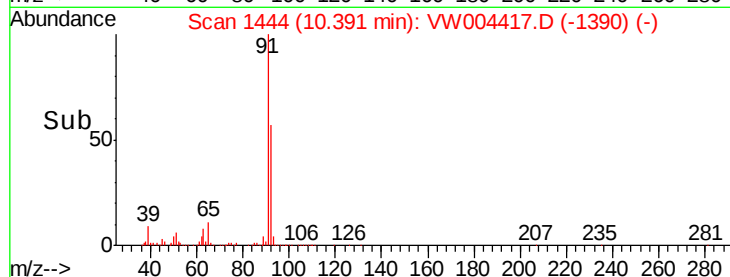
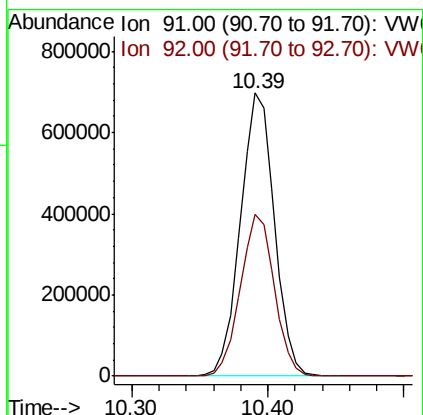
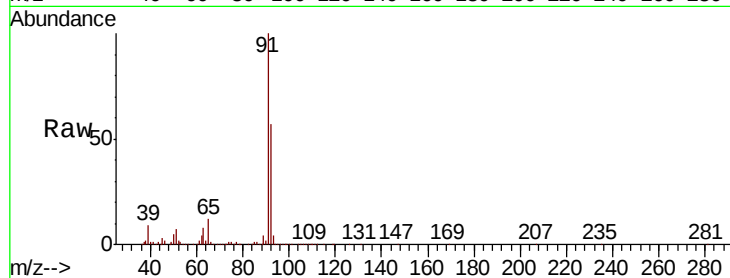
E5F96MS

Tot Ion: 91 Resp: 1214716

Ion Ratio Lower Upper

91 100

92 57.2 40.8 75.8



#47

Tetrachloroethene

Concen: 98.233 ug/L

RT: 10.87 min Scan# 1522

Delta R.T. 0.00 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

Tgt Ion: 164 Resp: 880827

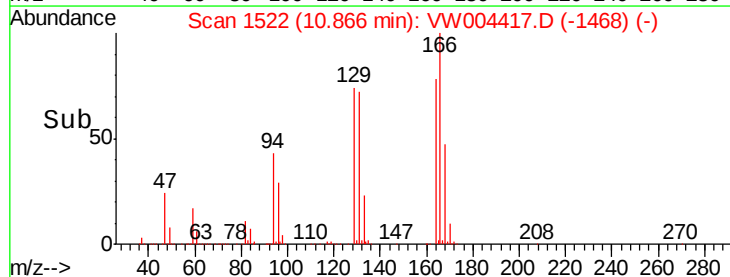
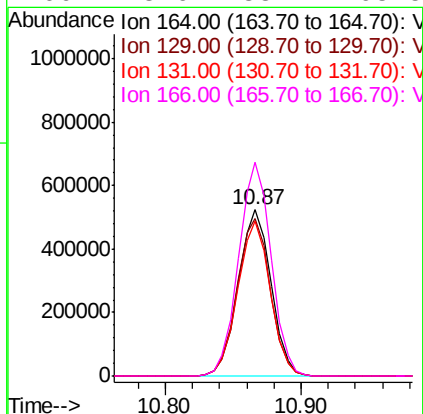
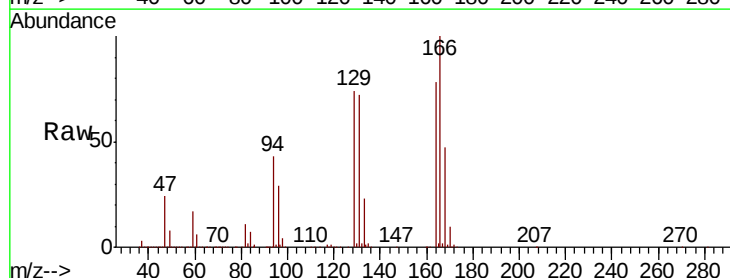
Ion Ratio Lower Upper

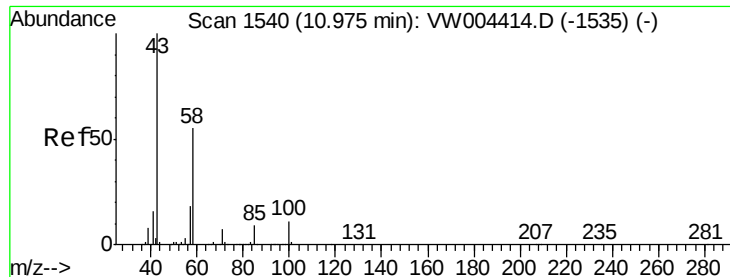
164 100

129 95.2 65.4 121.4

131 93.2 63.8 118.6

166 128.6 88.1 163.5





#49

2-Hexanone

Concen: 2.753 ug/L

RT: 10.93 min Scan# 1533

Delta R.T. -0.04 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

Instrument :

MSVOA_W

ClientSampleId :

E5F96MS

Tot Ion: 43 Resp: 18511

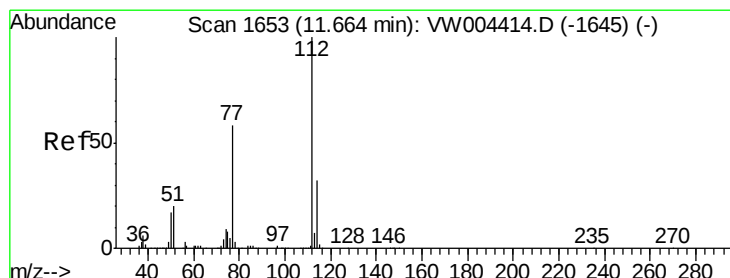
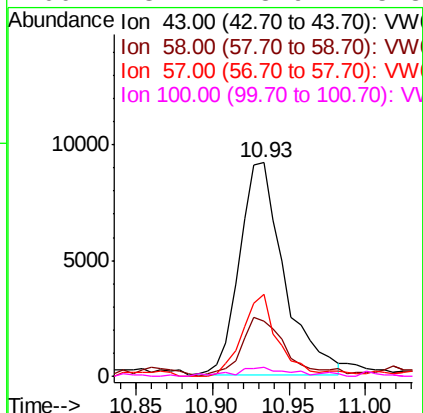
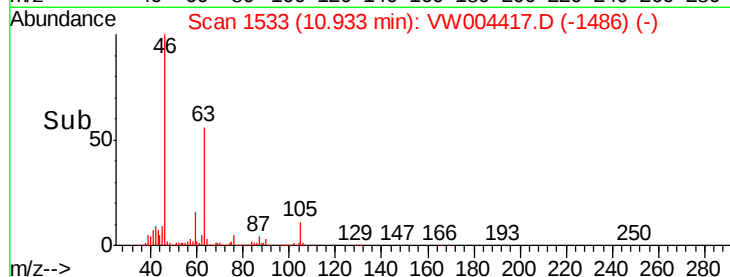
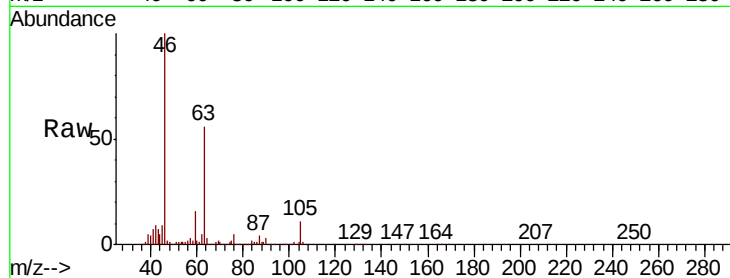
Ion Ratio Lower Upper

43 100

58 26.6 43.4 65.0#

57 30.4 15.0 22.6#

100 3.2 8.9 13.3#



#52

Chlorobenzene

Concen: 22.896 ug/L

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004417.D

Acq: 03 Aug 2018 00:39

Tgt Ion: 112 Resp: 702058

Ion Ratio Lower Upper

112 100

77 58.1 46.5 69.7

114 32.2 22.0 41.0

