

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW004023.D
 Acq On : 18 Jul 2018 09:55
 Operator : VA/AP
 Sample : J3997-15RE
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-DRE

Quant Time: Jul 18 11:00:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	278339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	127314	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	125396	76.54	ug/l	0.00
Spiked Amount						
				Recovery	=	153.08%
35) Dibromofluoromethane	7.89	113	106691	59.74	ug/l	0.00
Spiked Amount						
				Recovery	=	119.48%
50) Toluene-d8	10.33	98	364168	52.55	ug/l	0.00
Spiked Amount						
				Recovery	=	105.10%
62) 4-Bromofluorobenzene	12.63	95	128775	51.53	ug/l	0.00
Spiked Amount						
				Recovery	=	103.06%

Target Compounds

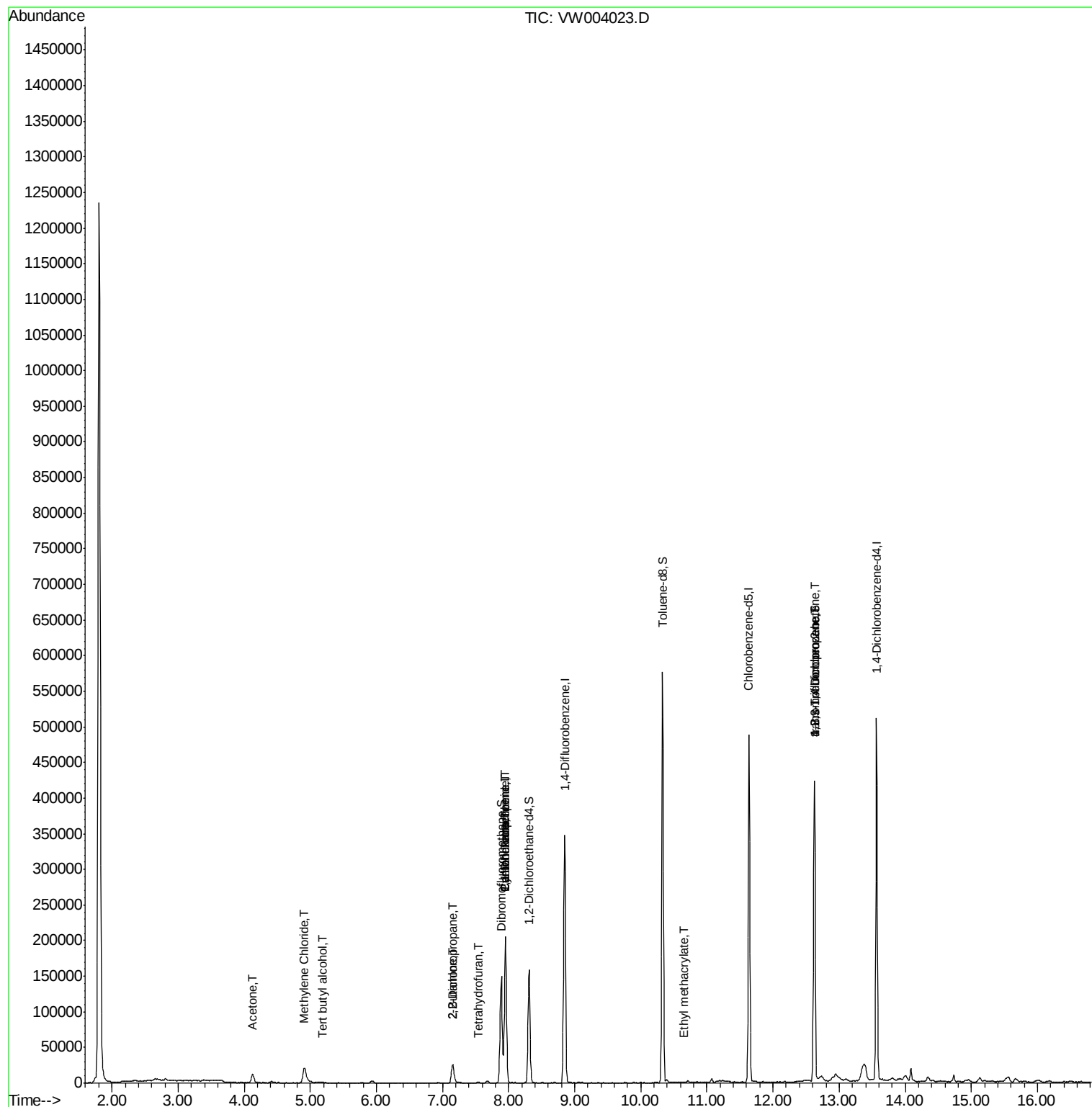
						Qvalue
11) Tert butyl alcohol	5.17	59	146	1.29	ug/l #	72
16) Acetone	4.12	43	21168	53.77	ug/l	99
20) Methylene Chloride	4.91	84	18307	3.17	ug/l	96
25) 2-Butanone	7.16	43	1359	2.57	ug/l #	76
26) 2,2-Dichloropropane	7.16	77	1883	1.13	ug/l #	52
29) Tetrahydrofuran	7.53	42	426	1.29	ug/l #	47
31) Cyclohexane	7.95	56	3685	1.36	ug/l #	19
36) 1,1-Dichloropropene	7.95	75	12553	4.38	ug/l #	49
38) Carbon Tetrachloride	7.95	117	14909	5.57	ug/l #	17
56) Ethyl methacrylate	10.65	69	75	2.98	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	69720	55.16	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	69720	122.01	ug/l #	11

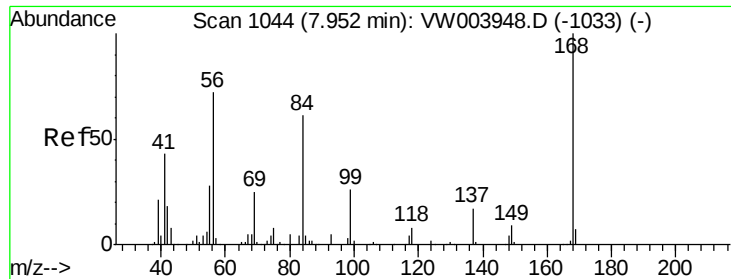
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW071718\
Data File : VW004023.D
Acq On : 18 Jul 2018 09:55
Operator : VA/AP
Sample : J3997-15RE
Misc : 4.74G/5ML/MSVOA W/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-H-DRE

Quant Time: Jul 18 11:00:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 16 15:06:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

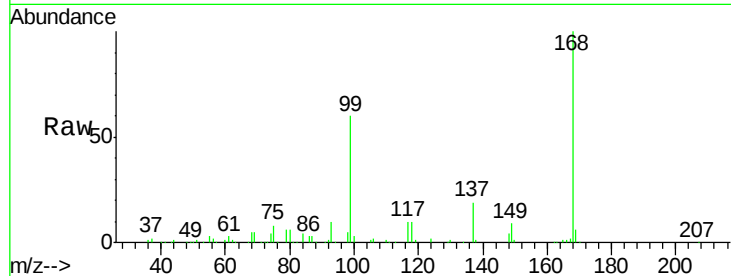
TP-H-DRE

Tot Ion:168 Resp: 146560

Ion Ratio Lower Upper

168 100

99 59.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

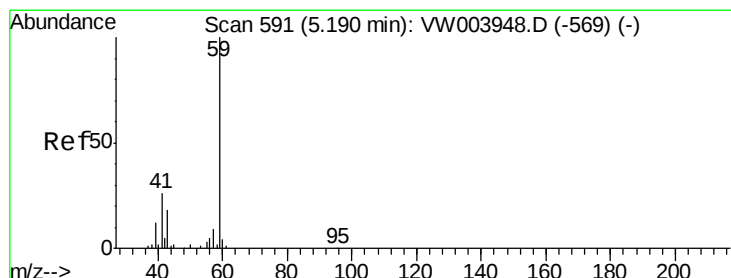
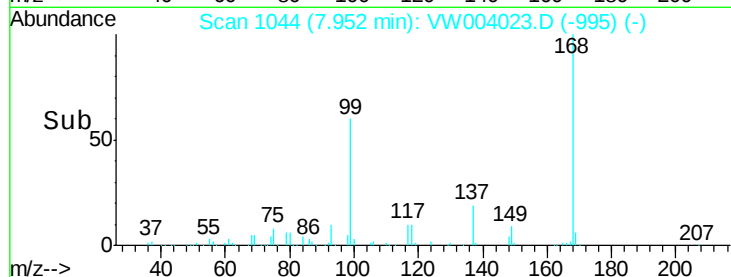
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.29 ug/l

RT: 5.17 min Scan# 588

Delta R.T. -0.02 min

Lab File: VW004023.D

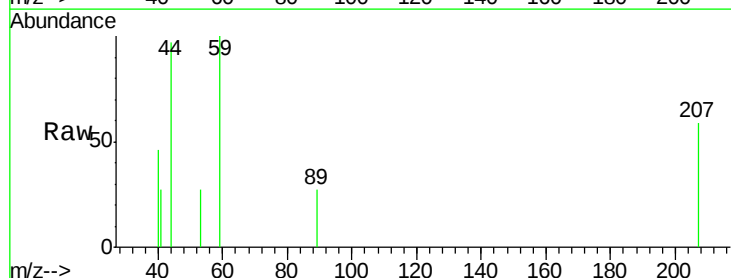
Acq: 18 Jul 2018 09:55

Tgt Ion: 59 Resp: 146

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.17

300

250

200

150

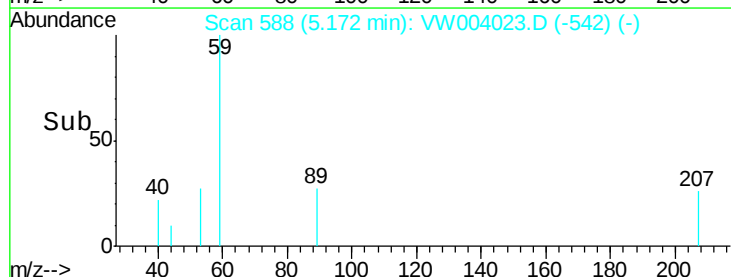
100

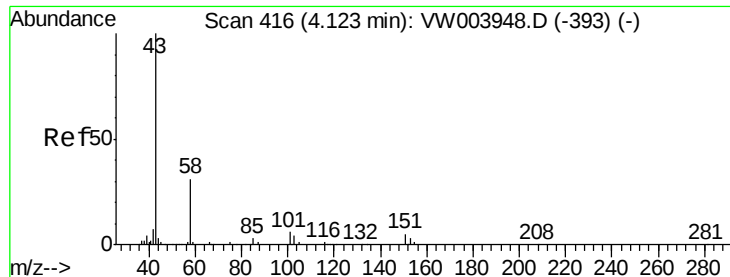
50

0

5.15 5.16 5.17 5.18 5.19

Time-->





#16

Acetone

Concen: 53.77 ug/l

RT: 4.12 min Scan# 416

Delta R.T. 0.00 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

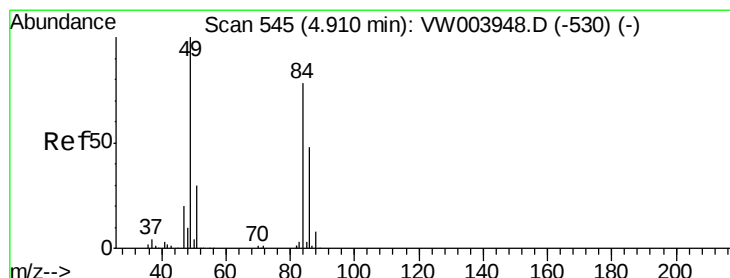
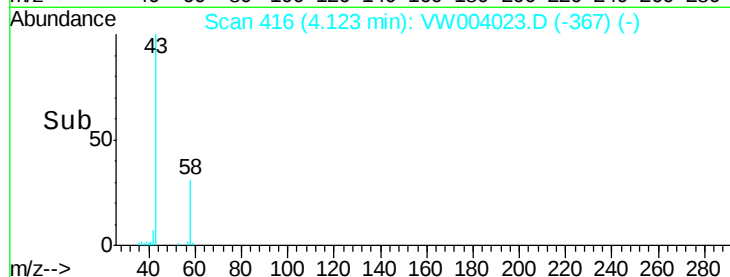
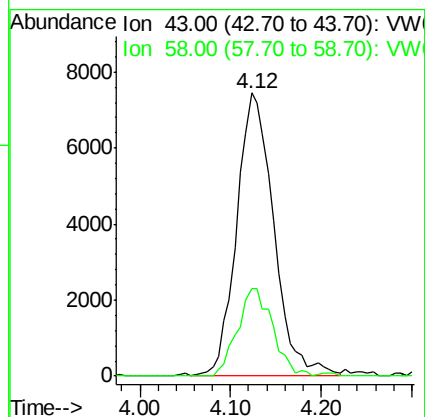
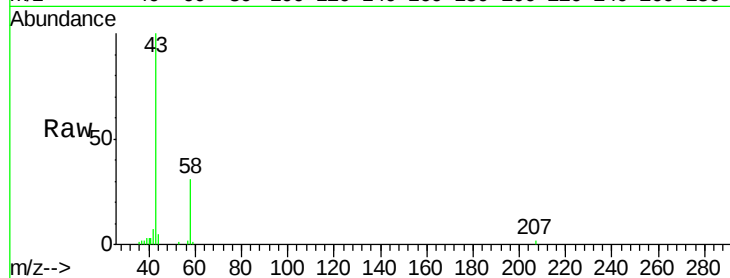
TP-H-DRE

Tot Ion: 43 Resp: 21168

Ion Ratio Lower Upper

43 100

58 31.0 24.5 36.7



#20

Methylene Chloride

Concen: 3.17 ug/l

RT: 4.91 min Scan# 545

Delta R.T. 0.00 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Tgt Ion: 84 Resp: 18307

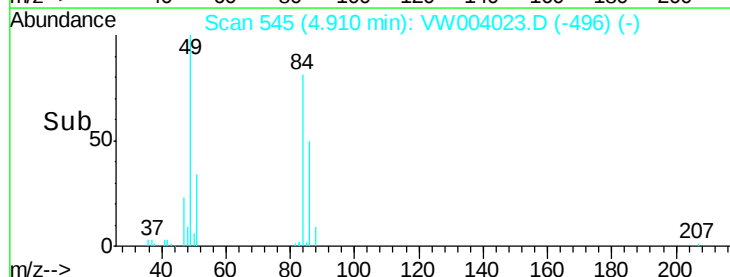
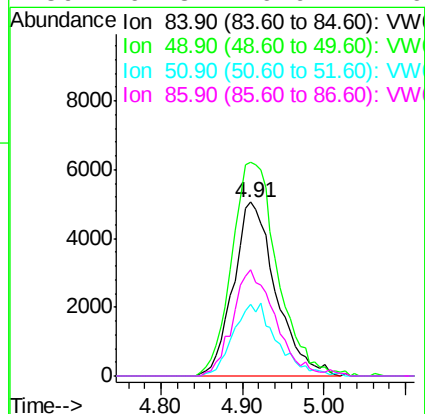
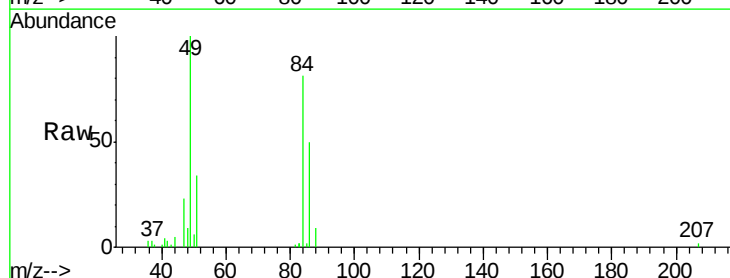
Ion Ratio Lower Upper

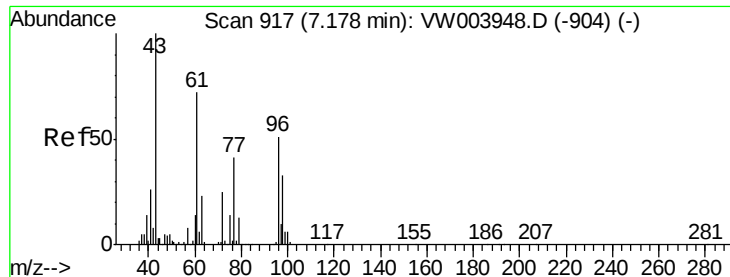
84 100

49 122.9 102.9 154.3

51 41.4 30.9 46.3

86 61.3 49.9 74.9

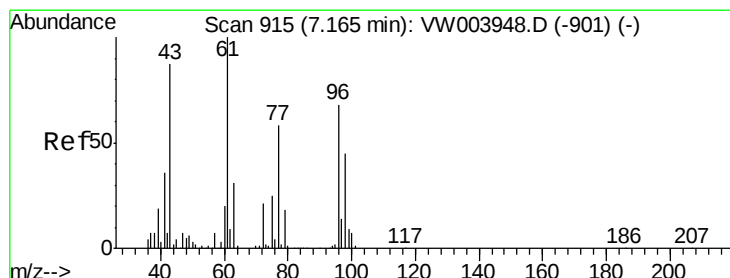
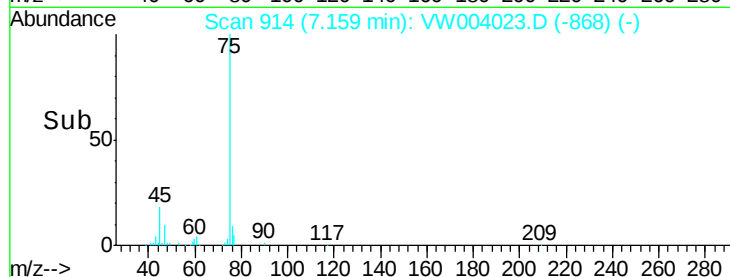
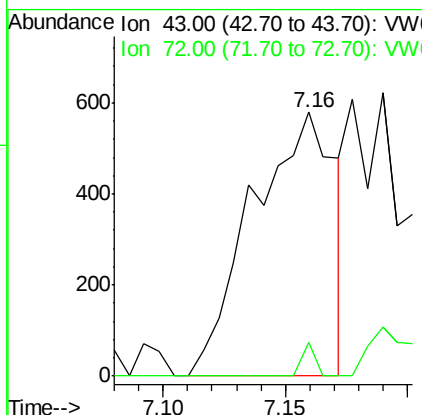
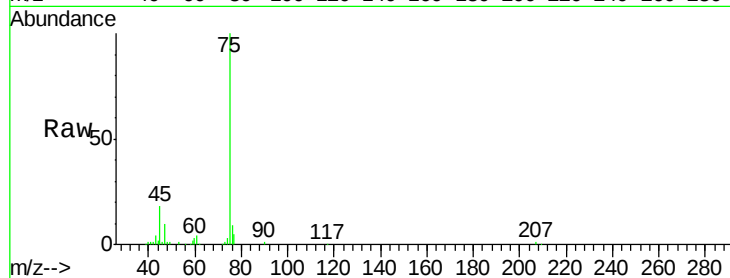




#25
 2-Butanone
 Concen: 2.57 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: VW004023.D
 Acq: 18 Jul 2018 09:55

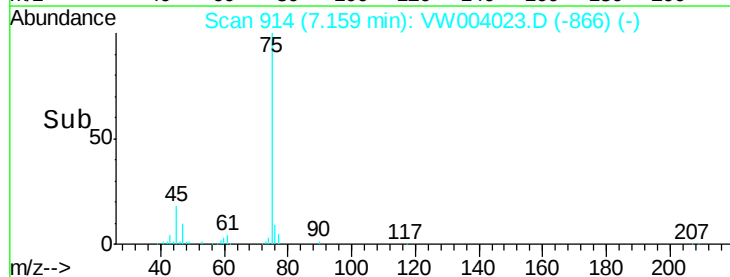
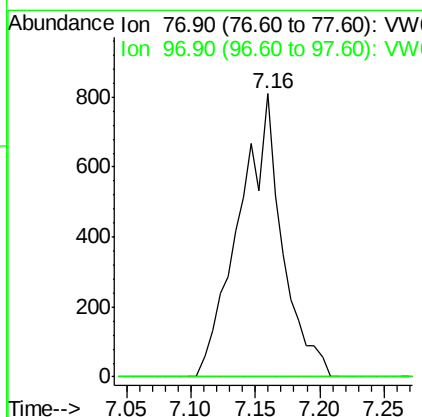
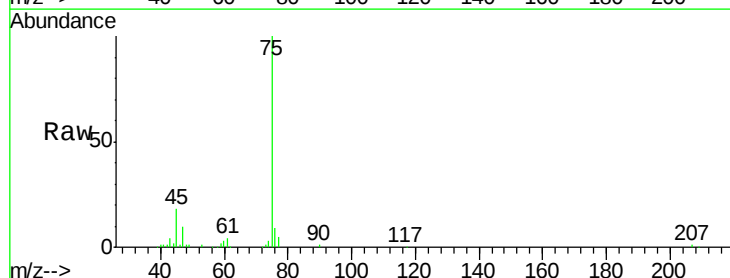
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-DRE

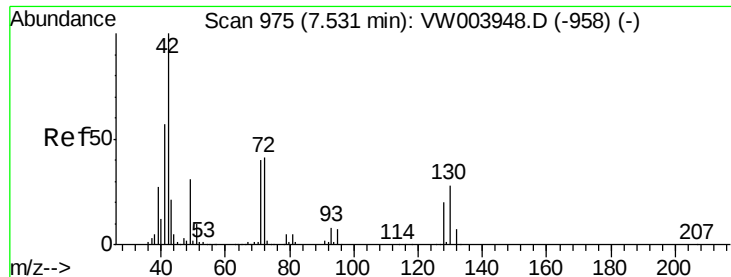
Tot Ion: 43 Resp: 1359
 Ion Ratio Lower Upper
 43 100
 72 12.8 19.8 29.6#



#26
 2,2-Dichloropropane
 Concen: 1.13 ug/l
 RT: 7.16 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: VW004023.D
 Acq: 18 Jul 2018 09:55

Tgt Ion: 77 Resp: 1883
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.3#

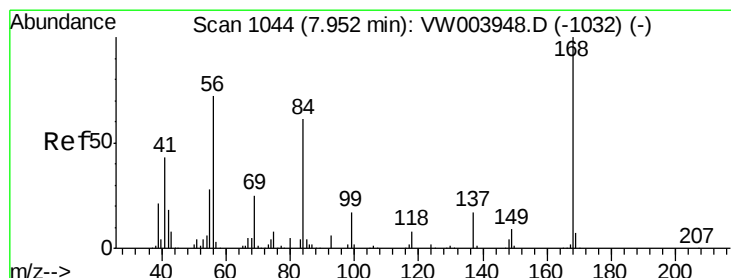
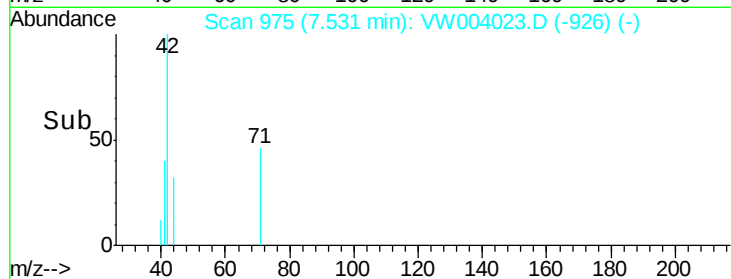
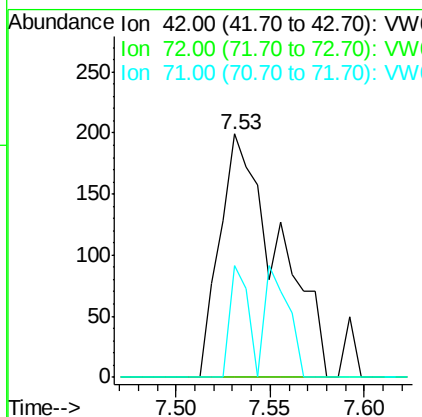
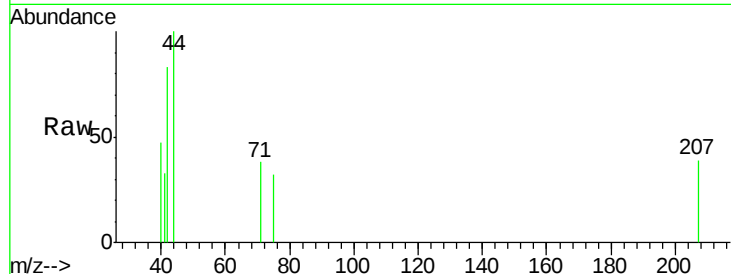




#29
Tetrahydrofuran
Concen: 1.29 ug/l
RT: 7.53 min Scan# 975
Delta R.T. 0.00 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

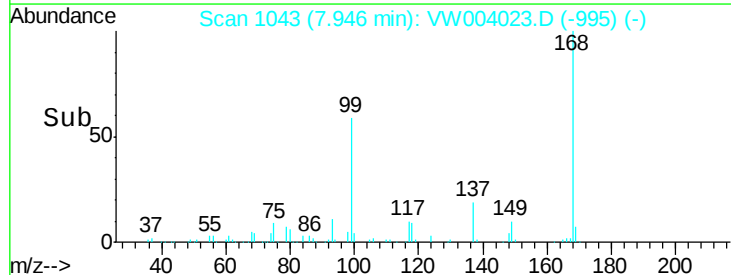
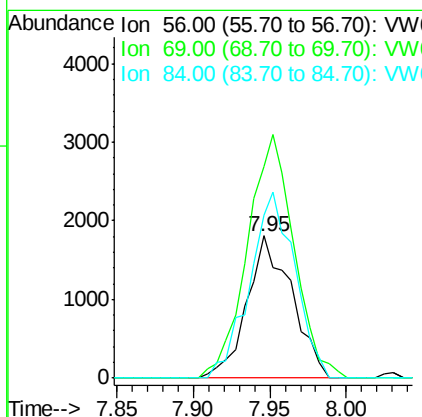
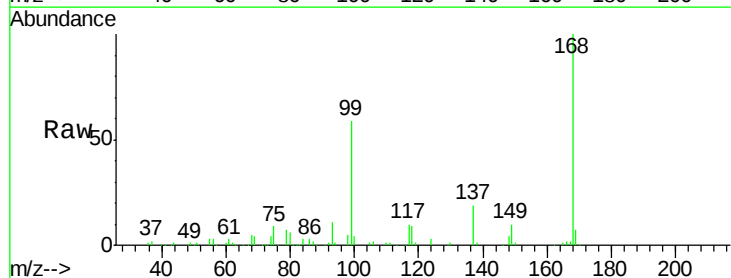
Instrument :
MSVOA_W
ClientSampled :
TP-H-DRE

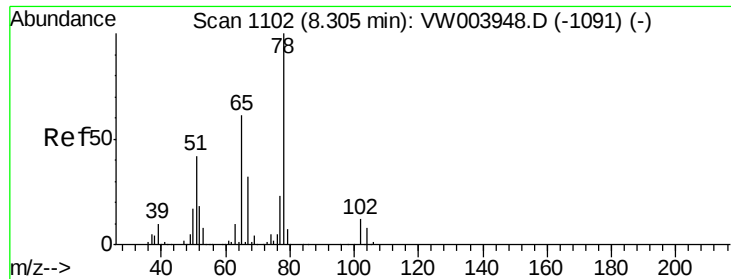
Tot Ion: 42 Resp: 426
Ion Ratio Lower Upper
42 100
72 0.0 32.6 48.8#
71 14.1 30.5 45.7#



#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

Tgt Ion: 56 Resp: 3685
Ion Ratio Lower Upper
56 100
69 148.5 27.8 41.8#
84 114.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 76.54 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

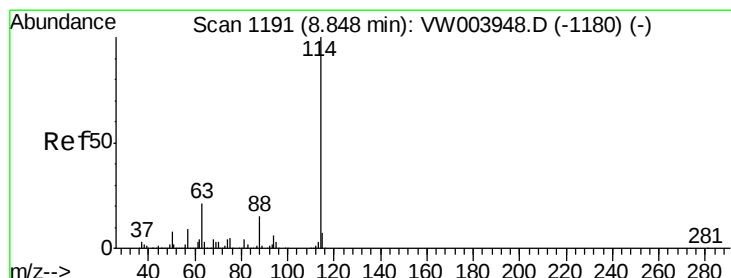
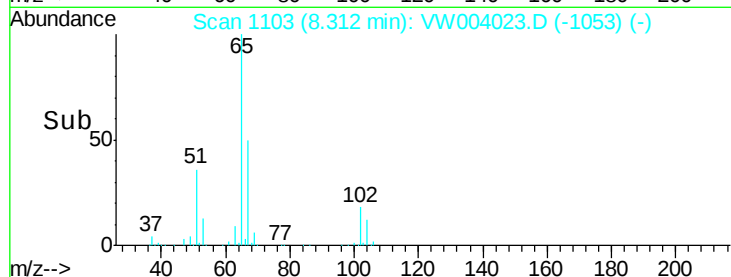
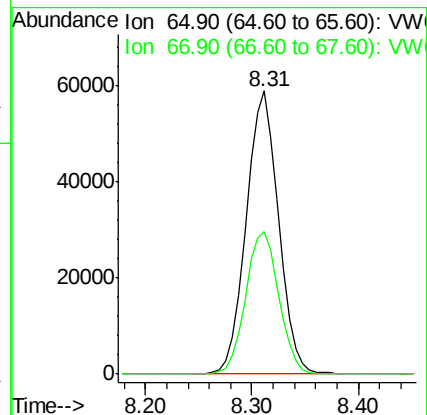
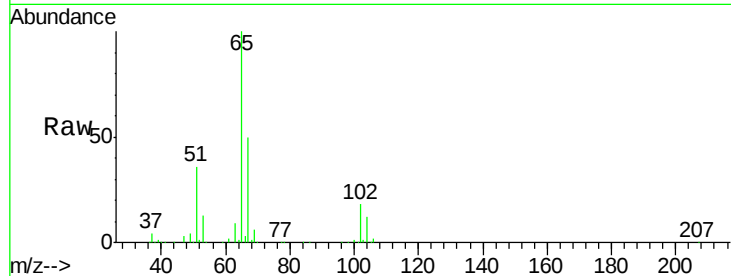
TP-H-DRE

Tot Ion: 65 Resp: 125396

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

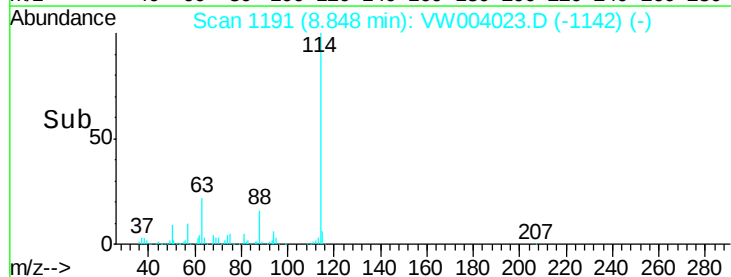
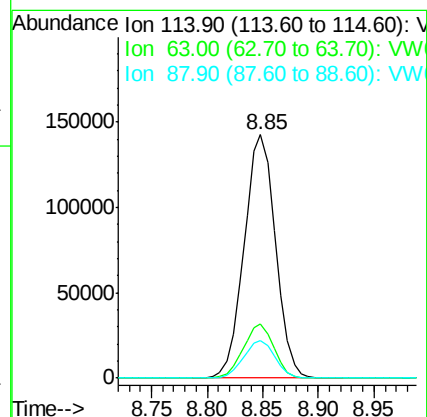
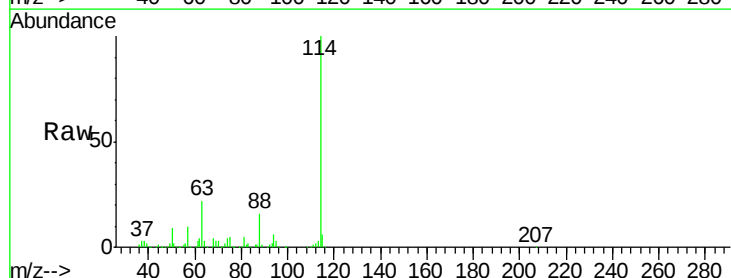
Tgt Ion: 114 Resp: 278339

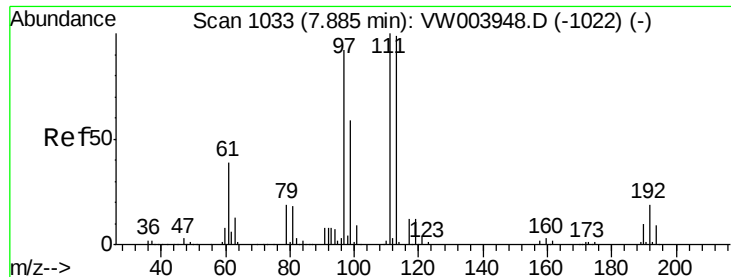
Ion Ratio Lower Upper

114 100

63 22.0 0.0 42.8

88 15.6 0.0 30.4

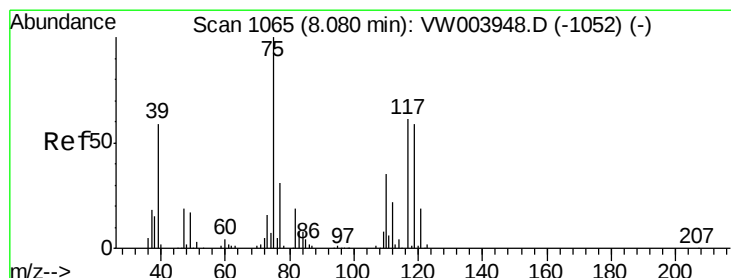
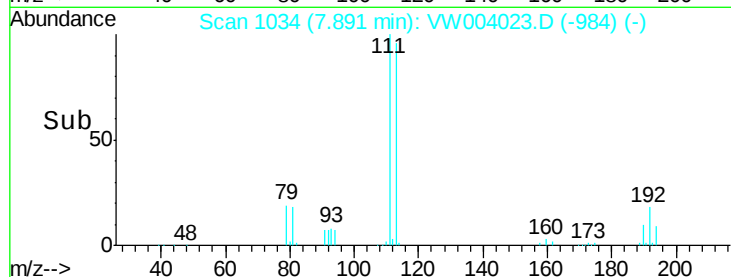
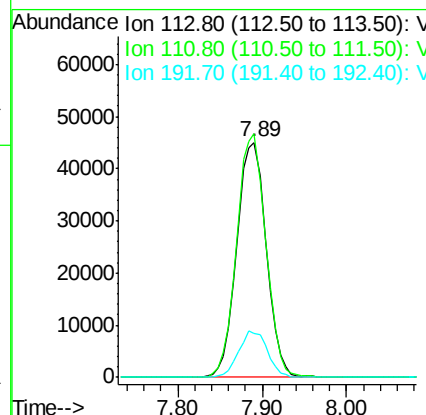
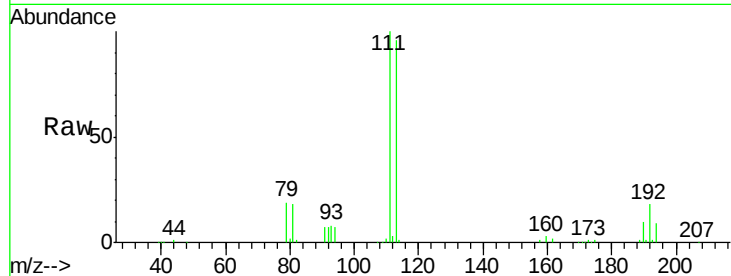




#35
 Dibromofluoromethane
 Concen: 59.74 ug/l
 RT: 7.89 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VW004023.D
 Acq: 18 Jul 2018 09:55

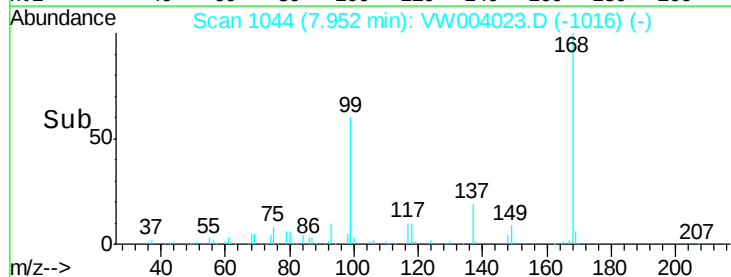
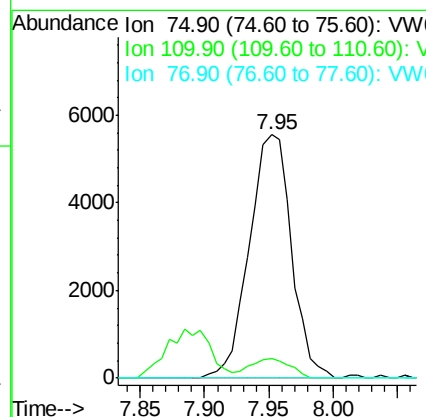
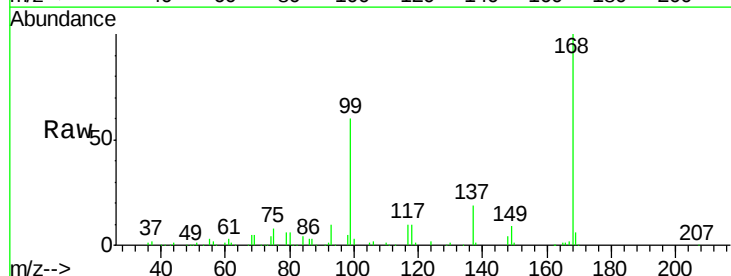
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-H-DRE

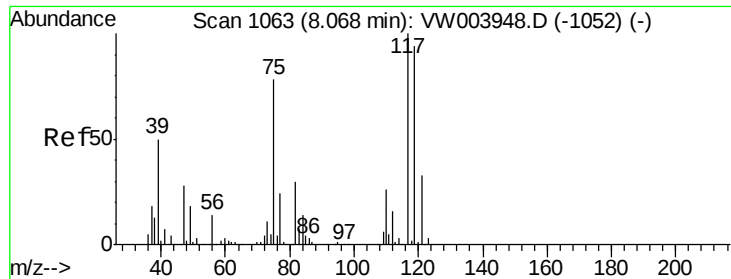
Tot Ion:113	Resp:	106691
Ion	Ratio	Lower Upper
113	100	
111	102.3	81.3 121.9
192	19.2	15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 4.38 ug/l
 RT: 7.95 min Scan# 1044
 Delta R.T. -0.13 min
 Lab File: VW004023.D
 Acq: 18 Jul 2018 09:55

Tgt Ion: 75	Resp:	12553
Ion	Ratio	Lower Upper
75	100	
110	7.9	17.0 51.0#
77	0.0	24.9 37.3#

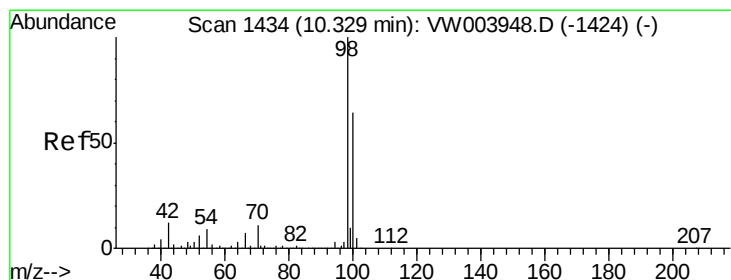
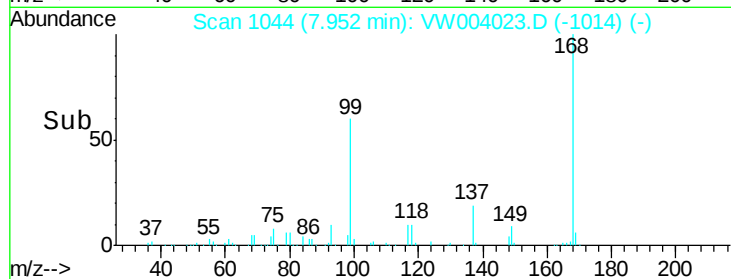
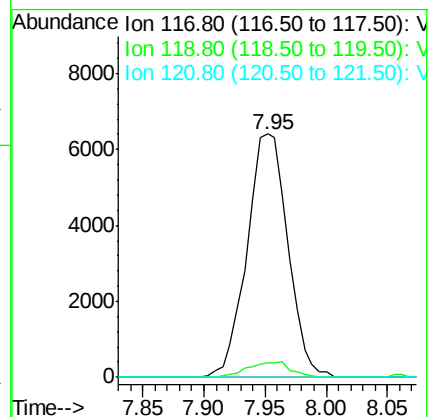
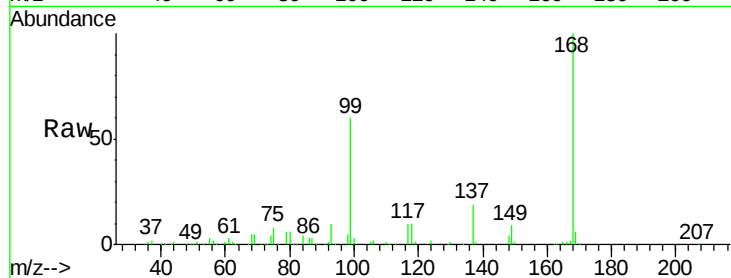




#38
Carbon Tetrachloride
Concen: 5.57 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.12 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

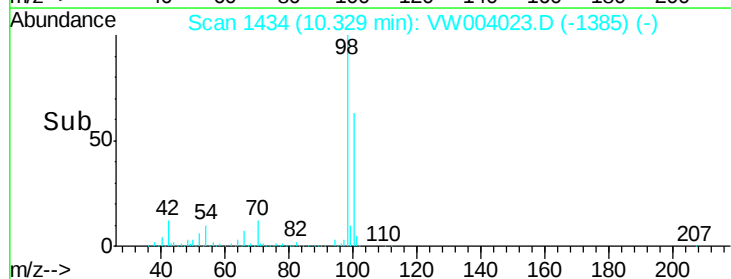
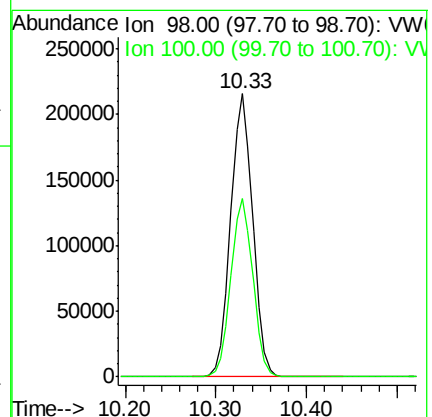
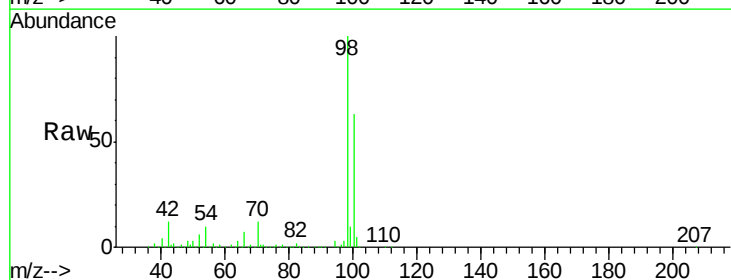
Instrument :
MSVOA_W
ClientSampleId :
TP-H-DRE

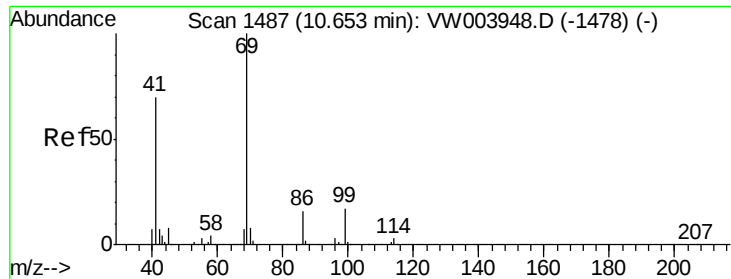
Tot Ion:117 Resp: 14909
Ion Ratio Lower Upper
117 100
119 6.1 75.3 112.9#
121 0.0 26.0 39.0#



#50
Toluene-d8
Concen: 52.55 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

Tgt Ion: 98 Resp: 364168
Ion Ratio Lower Upper
98 100
100 62.9 51.2 76.8





#56

Ethyl methacrylate

Concen: 2.98 ug/l

RT: 10.65 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

TP-H-DRE

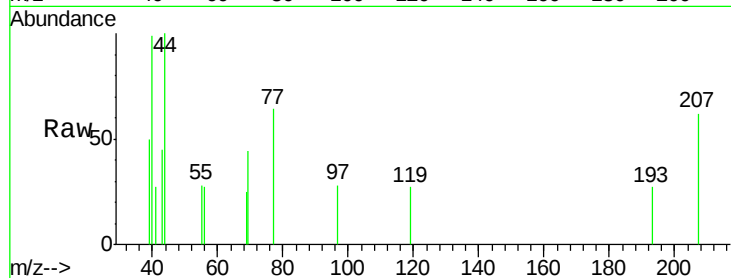
Tot Ion: 69 Resp: 75

Ion Ratio Lower Upper

69 100

41 285.3 56.5 84.7#

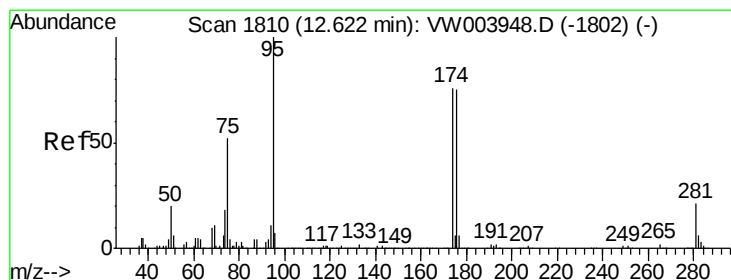
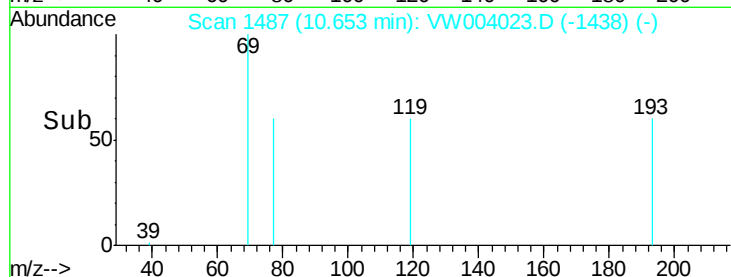
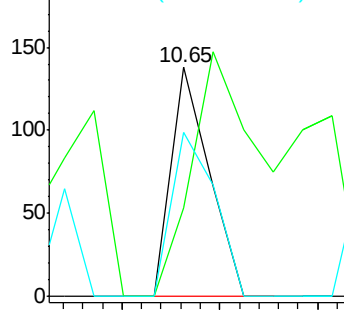
39 81.3 30.2 45.4#



Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



#62

4-Bromofluorobenzene

Concen: 51.53 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

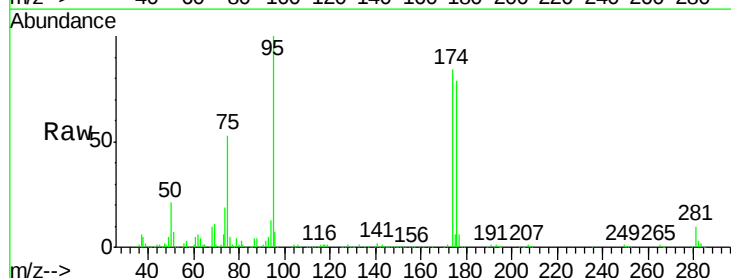
Tgt Ion: 95 Resp: 128775

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.2

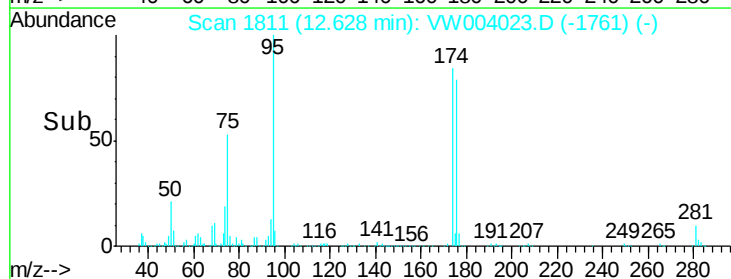
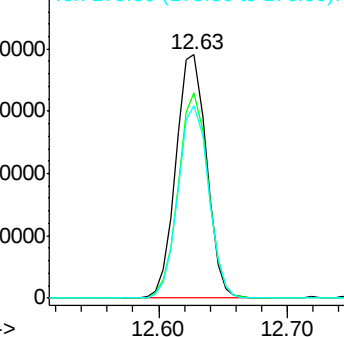
176 78.5 0.0 155.8

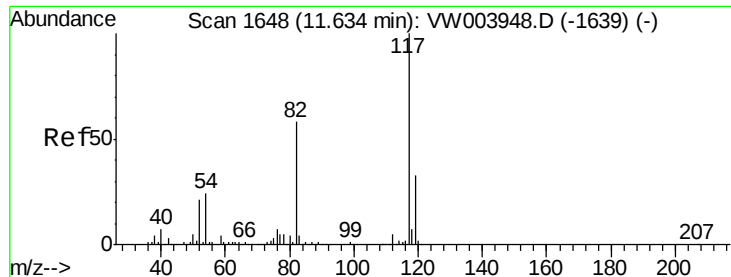


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

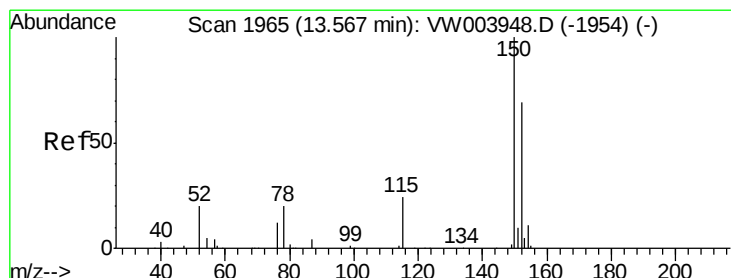
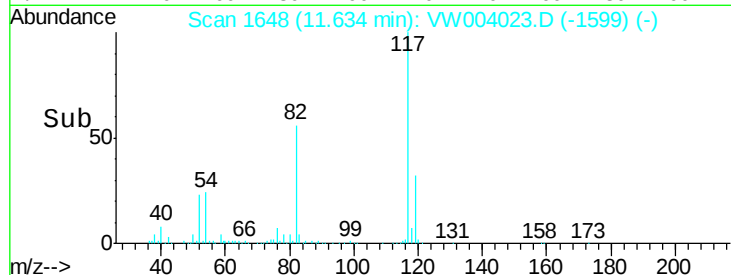
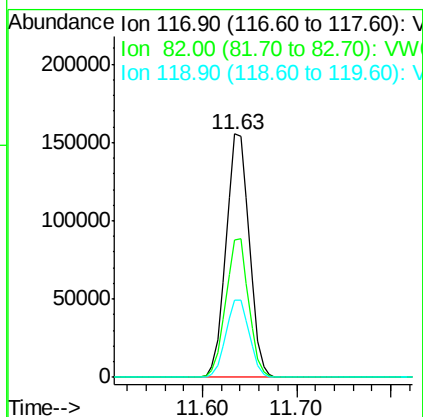
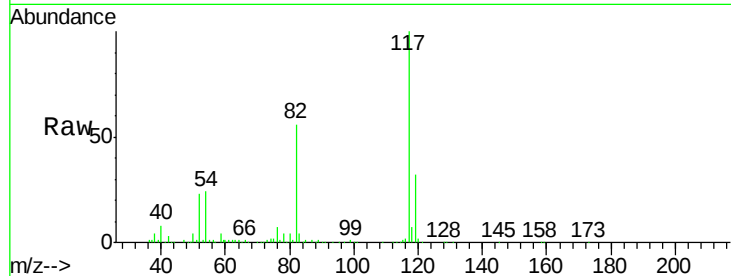




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

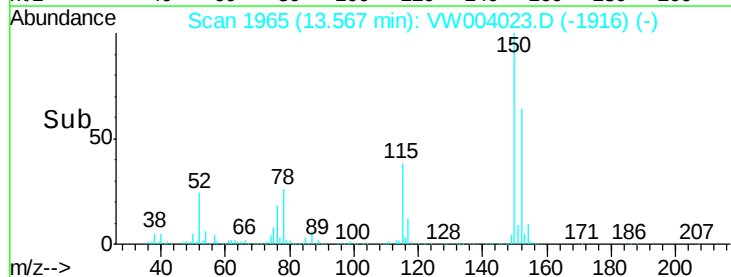
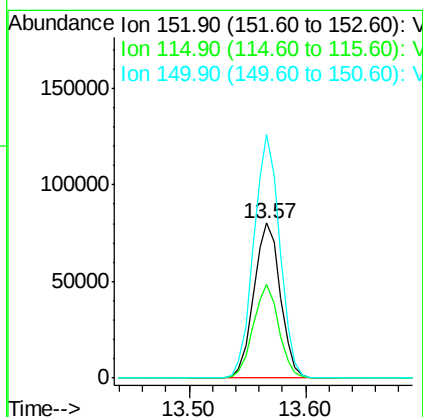
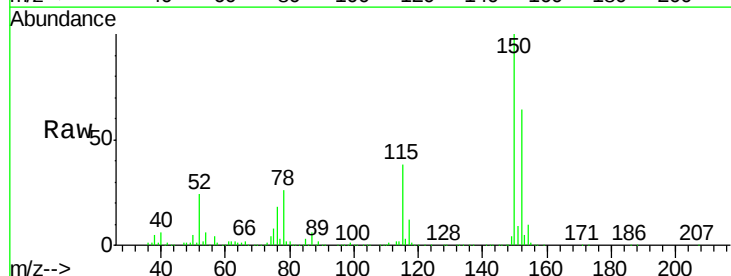
Instrument :
MSVOA_W
ClientSampleId :
TP-H-DRE

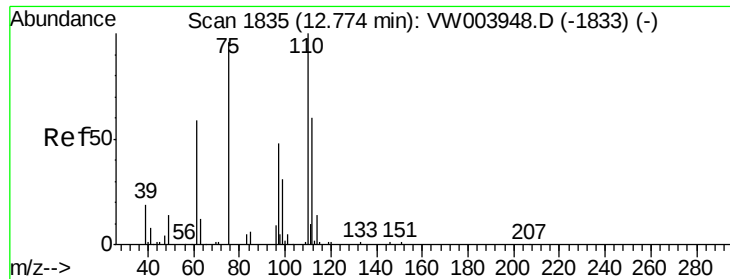
Tot Ion:117 Resp: 266151
Ion Ratio Lower Upper
117 100
82 56.2 46.5 69.7
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004023.D
Acq: 18 Jul 2018 09:55

Tgt Ion:152 Resp: 127314
Ion Ratio Lower Upper
152 100
115 59.0 29.2 87.6
150 154.5 0.0 345.2





#76

1,2,3-Trichloropropane

Concen: 55.16 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.15 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

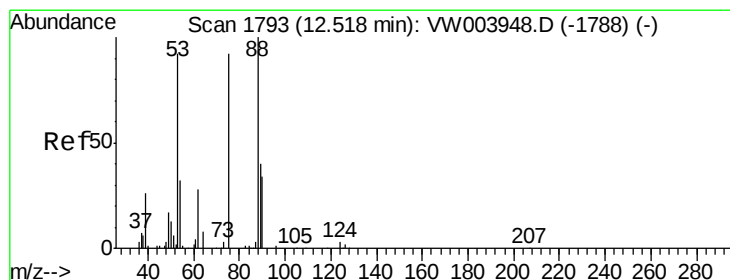
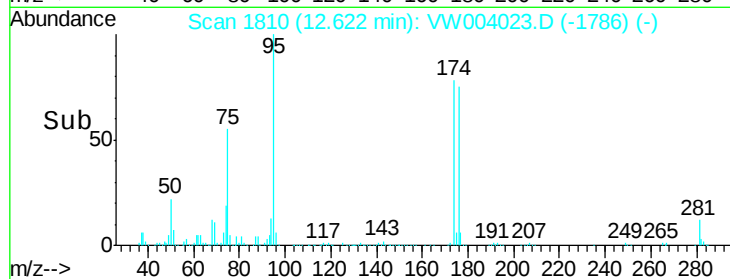
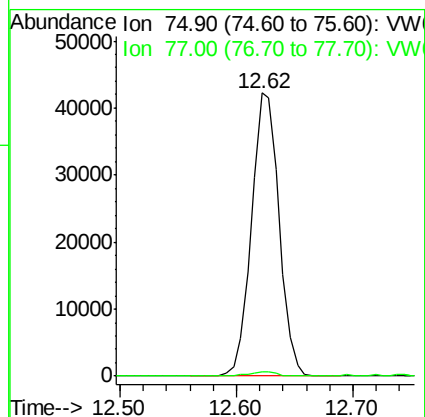
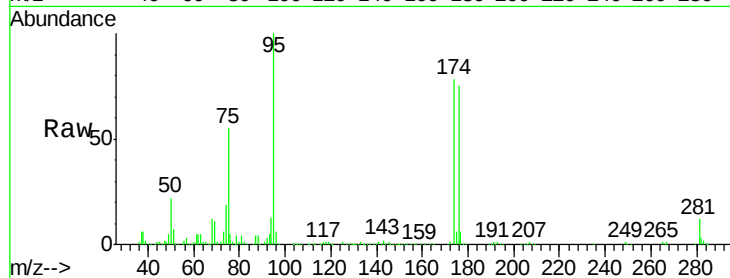
TP-H-DRE

Tot Ion: 75 Resp: 69720

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.01 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. 0.10 min

Lab File: VW004023.D

Acq: 18 Jul 2018 09:55

Tgt Ion: 75 Resp: 69720

Ion Ratio Lower Upper

75 100

53 0.6 77.6 116.4#

89 0.2 36.6 54.8#

