

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006392.D
 Acq On : 26 Oct 2018 06:27
 Operator : SY/AP
 Sample : J5636-02
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-B

Quant Time: Oct 26 07:25:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

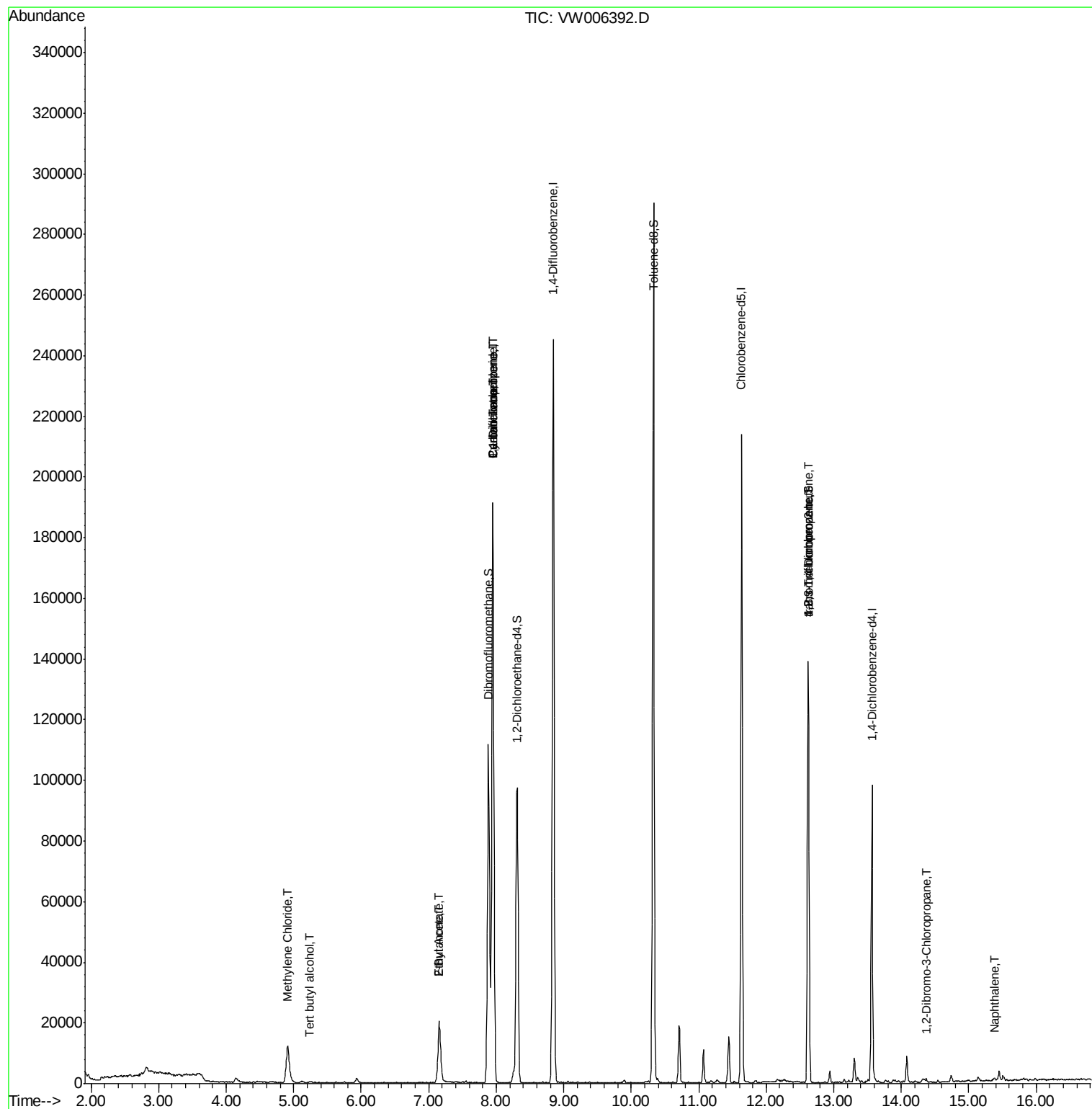
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	156440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	220429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	121176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	26944	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	79056	60.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.90%	
35) Dibromofluoromethane	7.88	113	78474	60.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.50%	
50) Toluene-d8	10.33	98	198439	40.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.10%	
62) 4-Bromofluorobenzene	12.62	95	34412	18.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.98%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.24	59	172	1.972	ug/l #	71
16) Acetone	4.15	43	2508	Below Cal	#	86
20) Methylene Chloride	4.90	84	10598	6.300	ug/l	85
25) 2-Butanone	7.16	43	1210	3.453	ug/l #	46
31) Cyclohexane	7.95	56	2921	1.231	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	10224	5.032	ug/l #	49
37) Ethyl Acetate	7.16	43	1210	1.603	ug/l #	14
38) Carbon Tetrachloride	7.95	117	14100	6.331	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	17667	85.846	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	17667	205.206	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	14.38	75	59	1.138	ug/l #	1
95) Naphthalene	15.38	128	1198	1.131	ug/l #	92

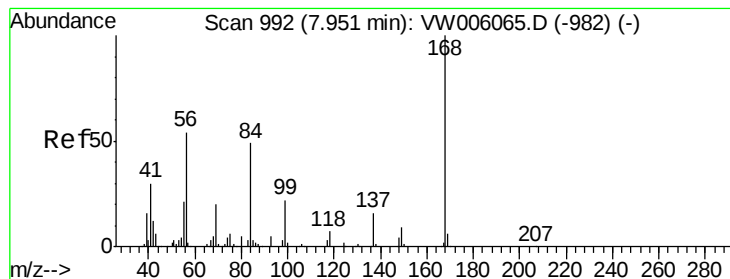
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102718\
Data File : VW006392.D
Acq On : 26 Oct 2018 06:27
Operator : SY/AP
Sample : J5636-02
Misc : 5.06G/5ML/MSVOA W/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-B

Quant Time: Oct 26 07:25:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

Instrument :

MSVOA_W

ClientSampled :

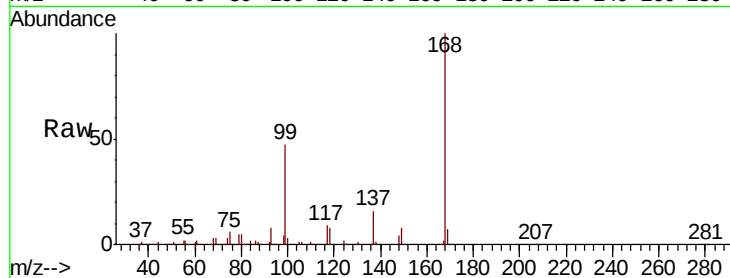
HP-GRID-B

Tot Ion:168 Resp: 156440

Ion Ratio Lower Upper

168 100

99 47.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

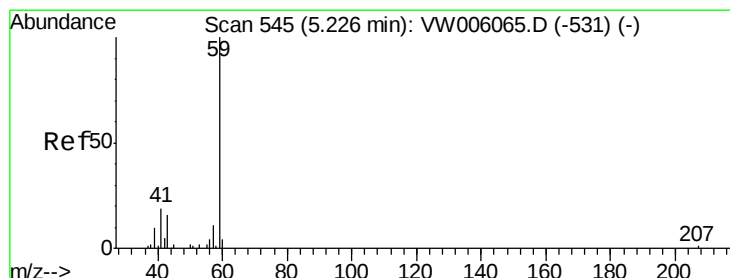
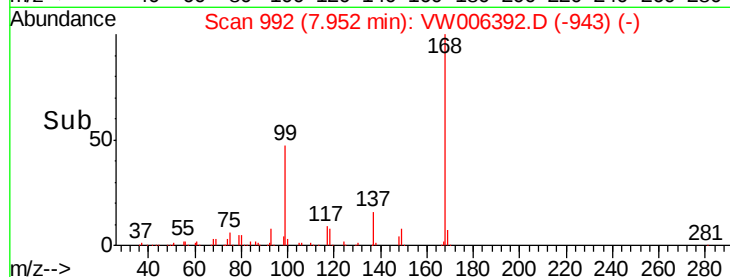
40000

20000

0

7.90 8.00 8.10

Time-->



#11

Tert butyl alcohol

Concen: 1.972 ug/l

RT: 5.24 min Scan# 547

Delta R.T. 0.01 min

Lab File: VW006392.D

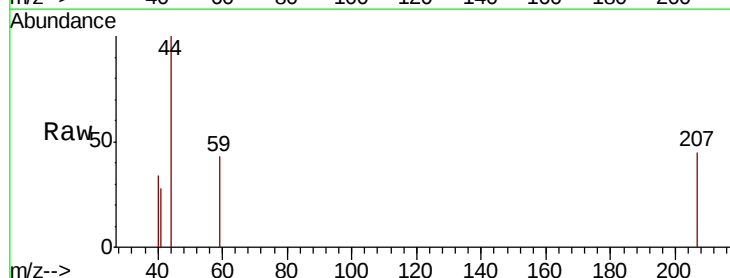
Acq: 26 Oct 2018 06:27

Tgt Ion: 59 Resp: 172

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.24

120

100

80

60

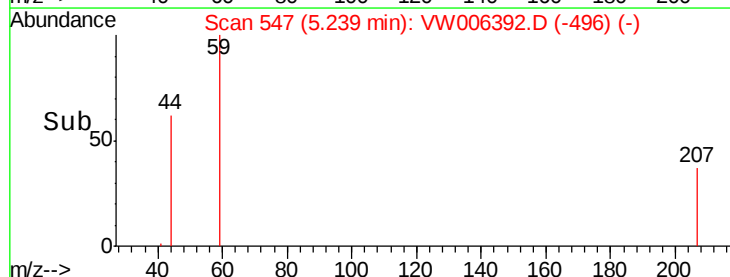
40

20

0

5.20 5.22 5.24 5.26

Time-->

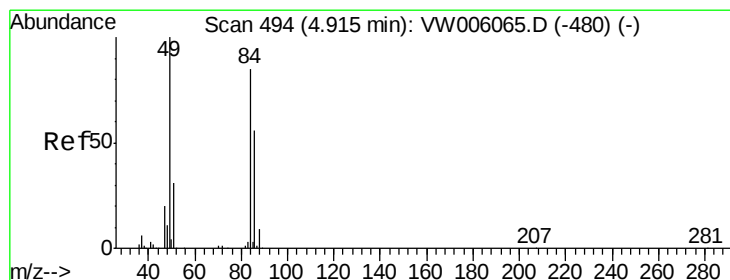
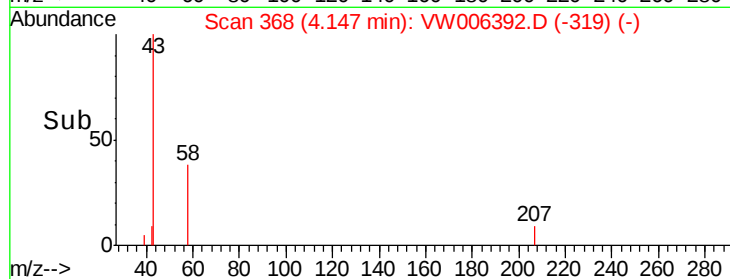
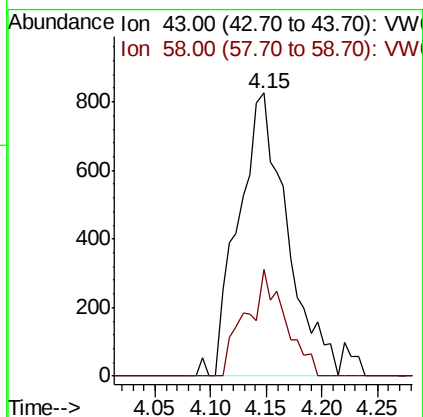
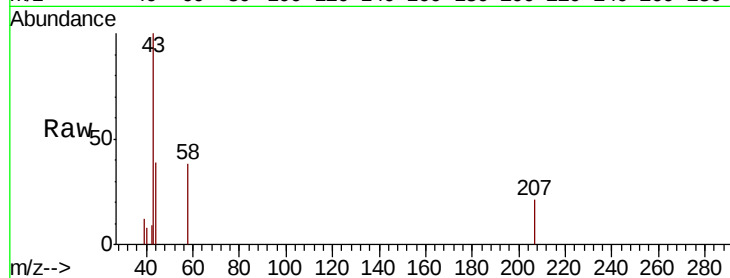




#16
Acetone
Concen: Below Cal
RT: 4.15 min Scan# 368
Delta R.T. 0.00 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

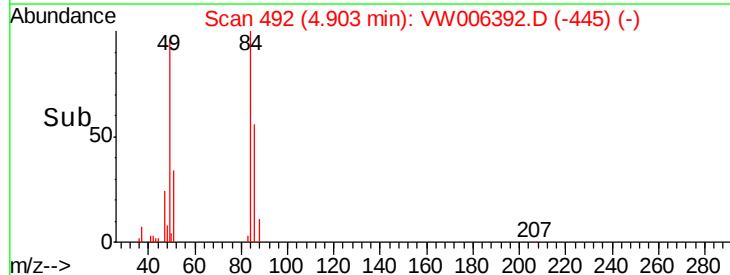
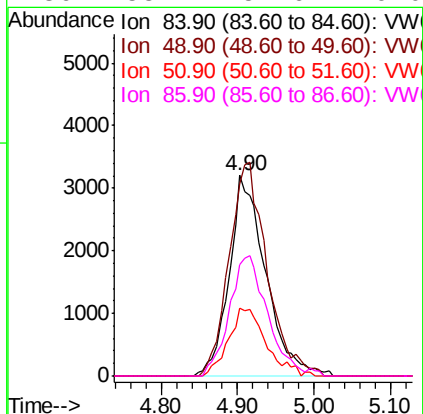
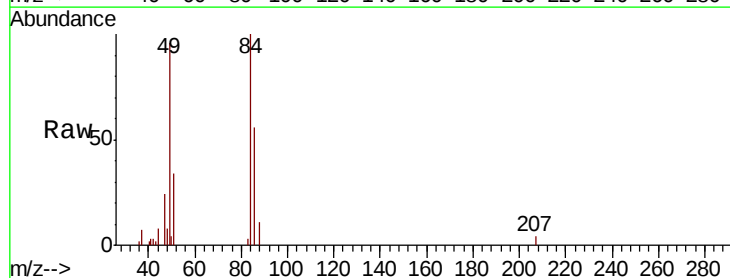
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-B

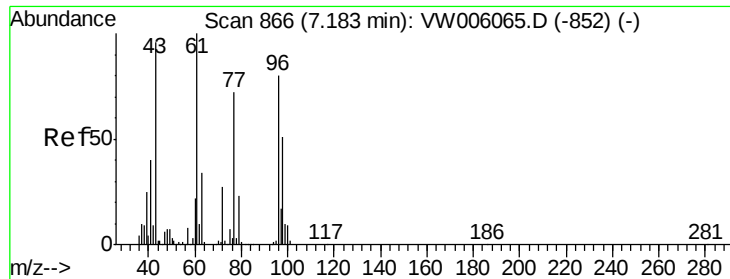
Tot Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
58 37.7 24.0 36.0#



#20
Methylene Chloride
Concen: 6.300 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

Tgt Ion: 84 Resp: 10598
Ion Ratio Lower Upper
84 100
49 95.9 93.6 140.4
51 34.0 29.0 43.4
86 55.7 52.6 79.0

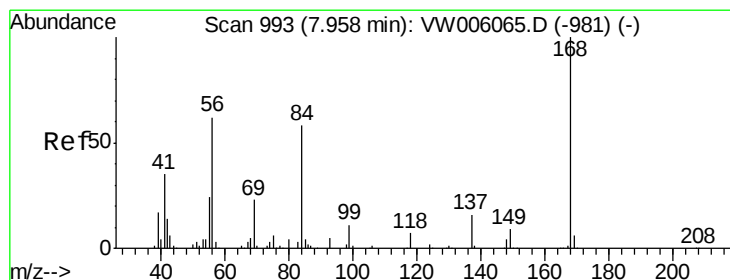
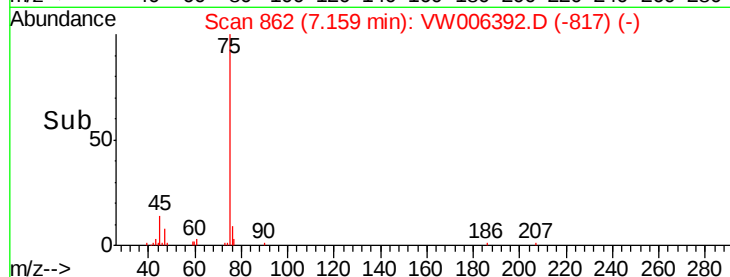
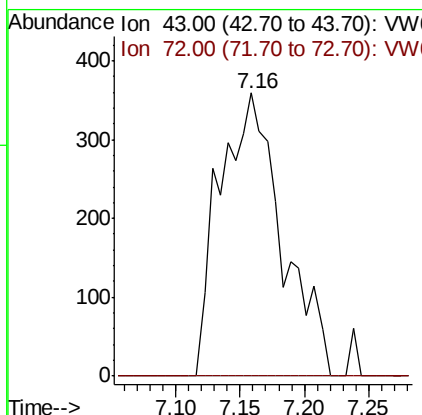
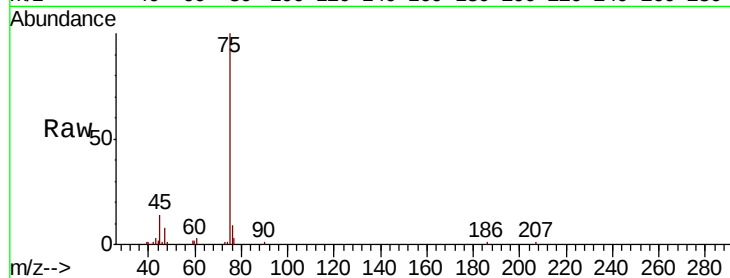




#25
2-Butanone
Concen: 3.453 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

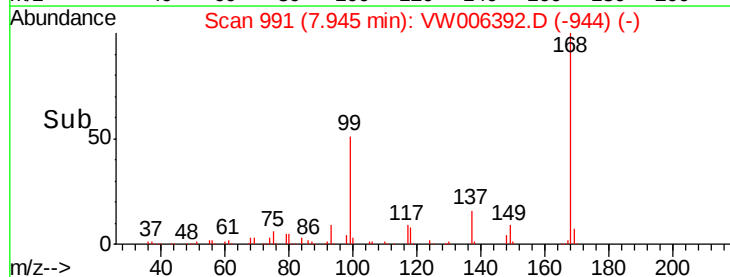
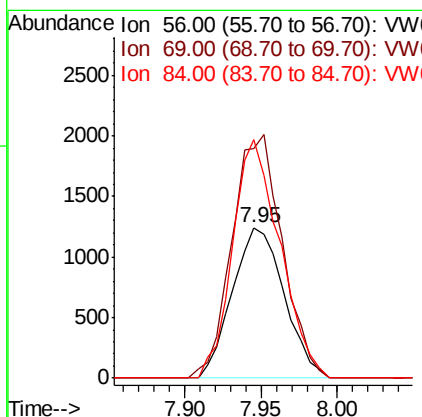
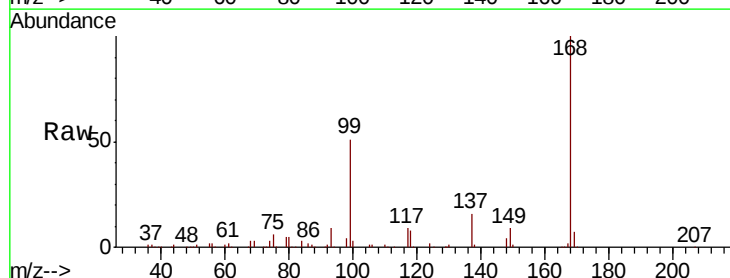
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-B

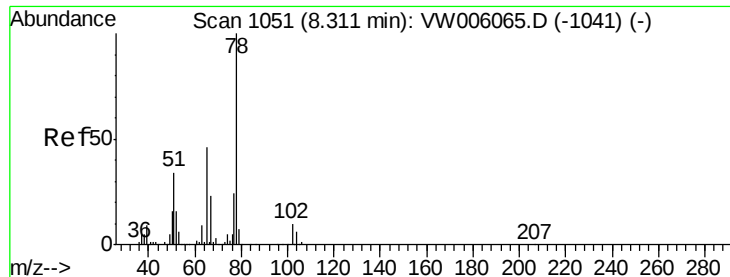
Tot Ion: 43 Resp: 1210
Ion Ratio Lower Upper
43 100
72 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

Tgt Ion: 56 Resp: 2921
Ion Ratio Lower Upper
56 100
69 152.9 29.4 44.0#
84 158.5 74.0 111.0#





#33

1,2-Dichloroethane-d4

Concen: 60.954 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

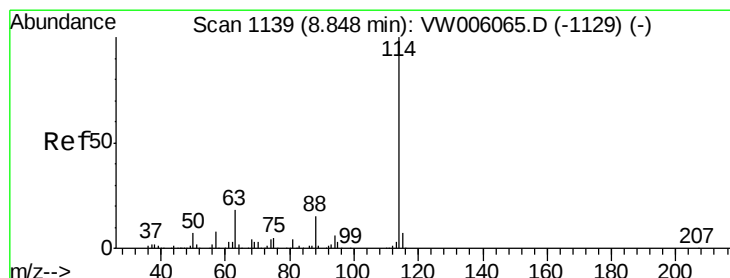
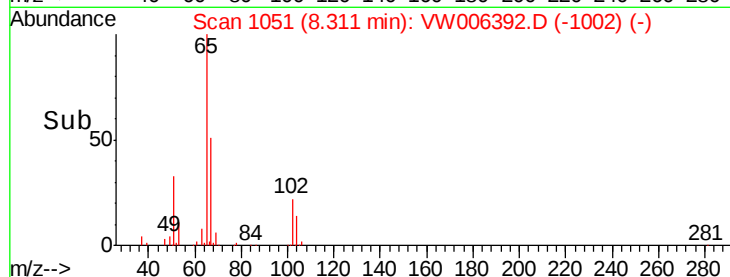
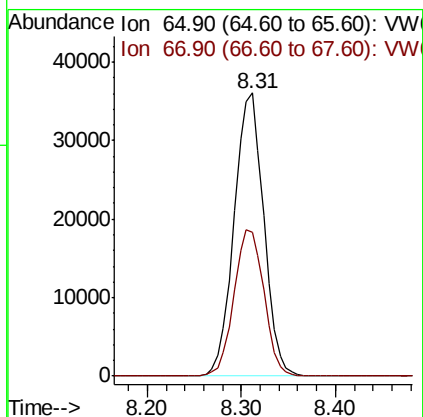
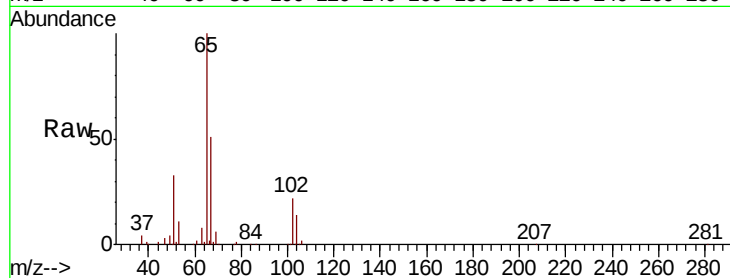
HP-GRID-B

Tot Ion: 65 Resp: 79056

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

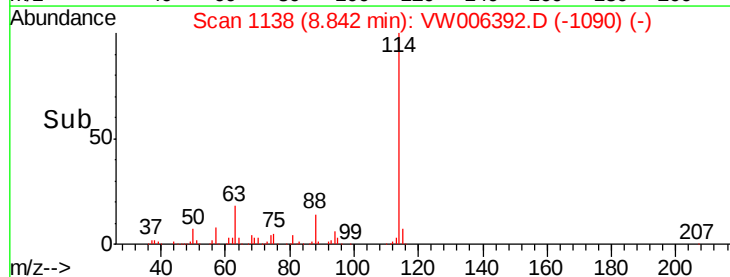
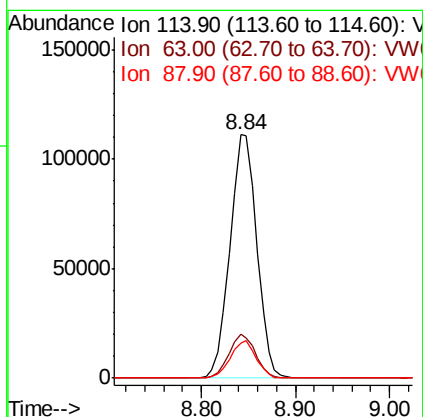
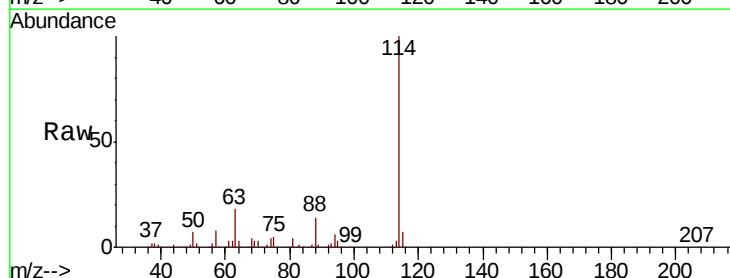
Tgt Ion: 114 Resp: 220429

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 14.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 60.249 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-B

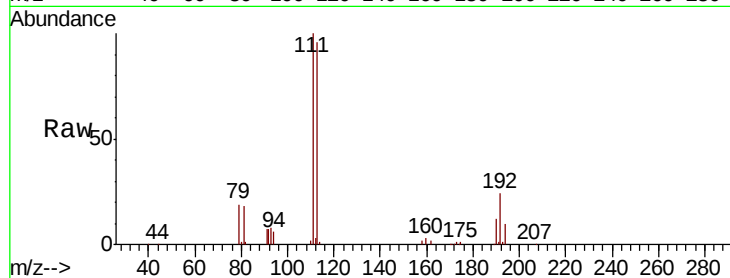
Tot Ion:113 Resp: 78474

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

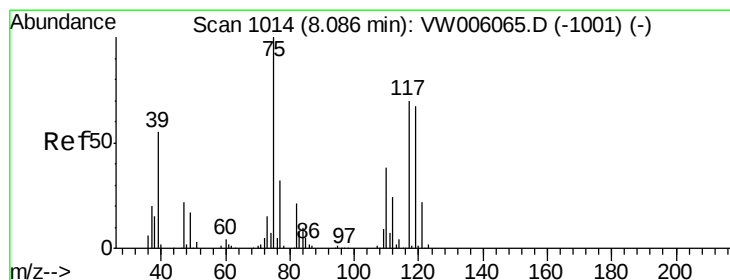
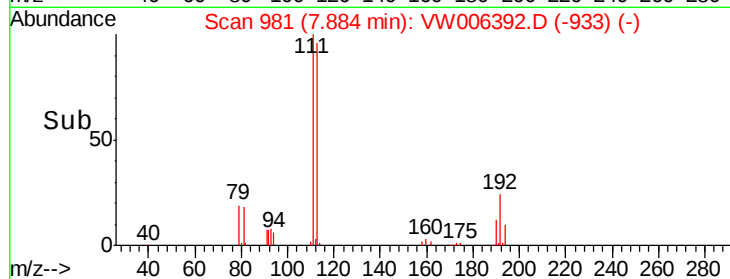
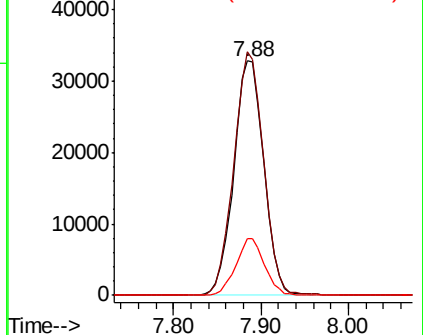
192 23.1 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.032 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.14 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

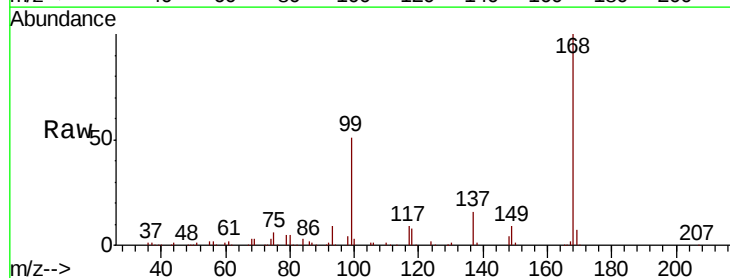
Tgt Ion: 75 Resp: 10224

Ion Ratio Lower Upper

75 100

110 10.3 19.1 57.1#

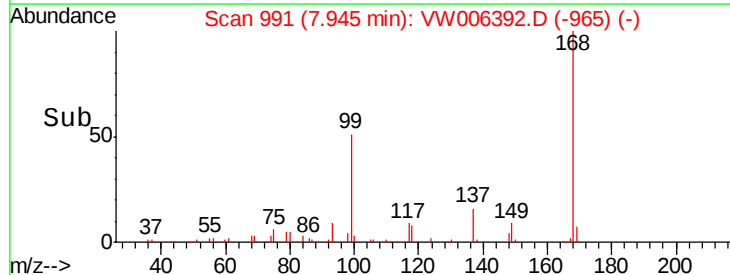
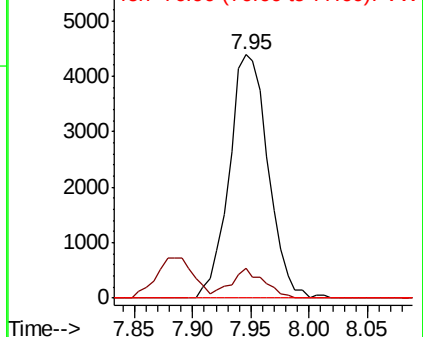
77 0.0 25.0 37.4#

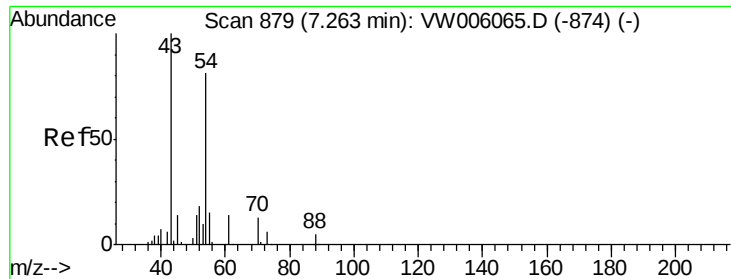


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





#37

Ethyl Acetate

Concen: 1.603 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.10 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-B

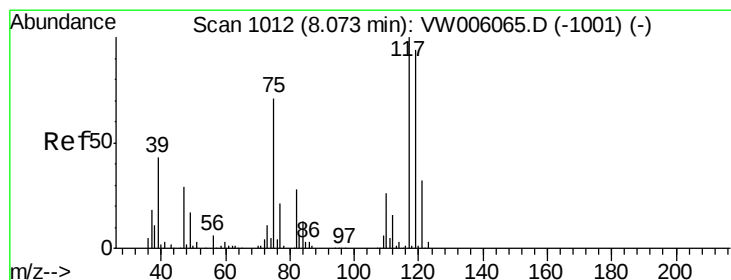
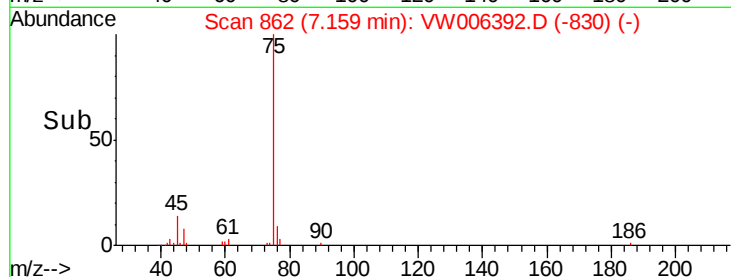
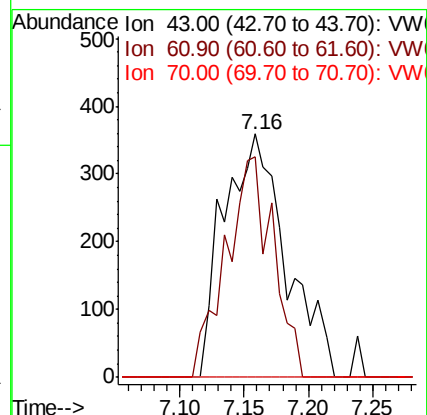
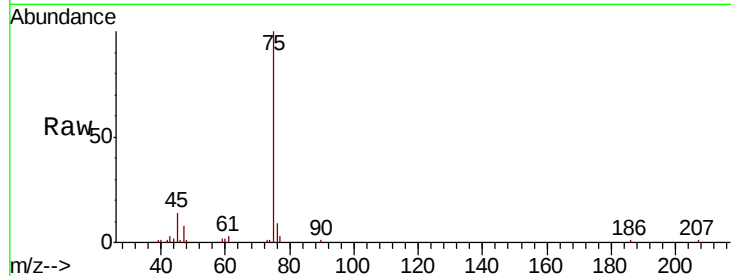
Tot Ion: 43 Resp: 1210

Ion Ratio Lower Upper

43 100

61 68.2 11.5 17.3#

70 0.0 9.2 13.8#



#38

Carbon Tetrachloride

Concen: 6.331 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

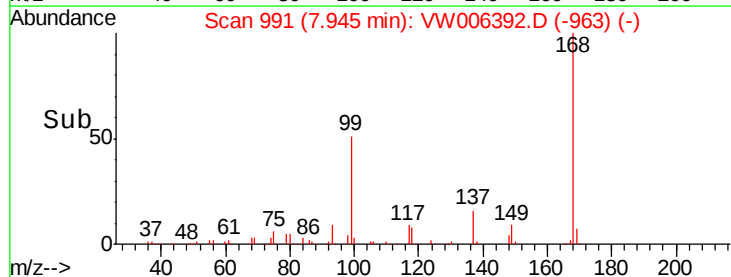
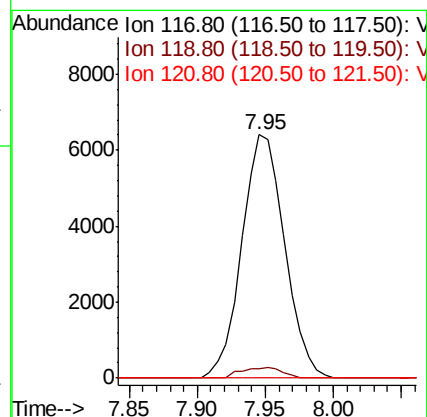
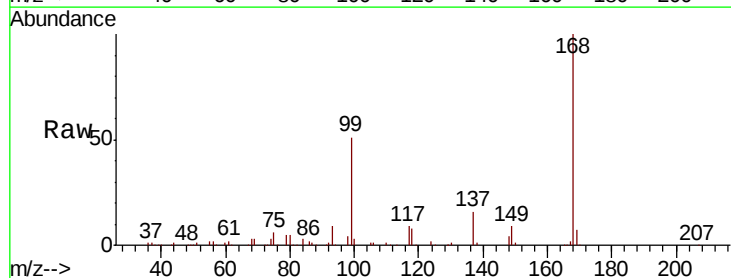
Tgt Ion: 117 Resp: 14100

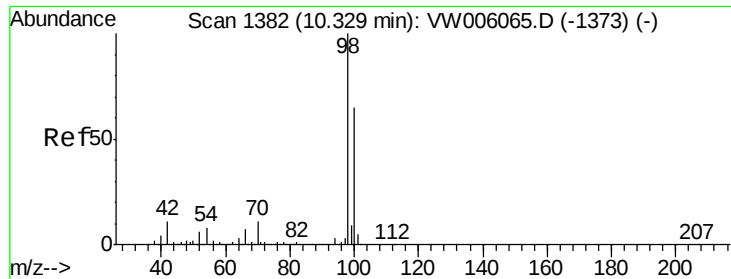
Ion Ratio Lower Upper

117 100

119 3.8 75.2 112.8#

121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 40.045 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

Instrument :

MSVOA_W

ClientSampleId :

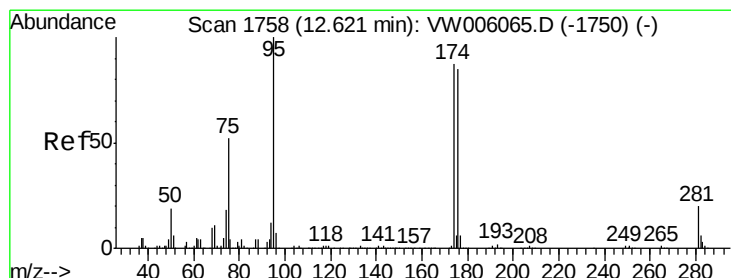
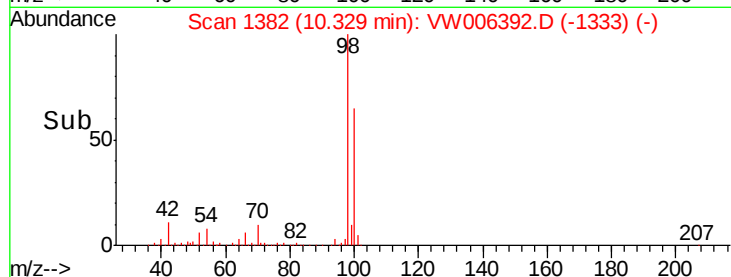
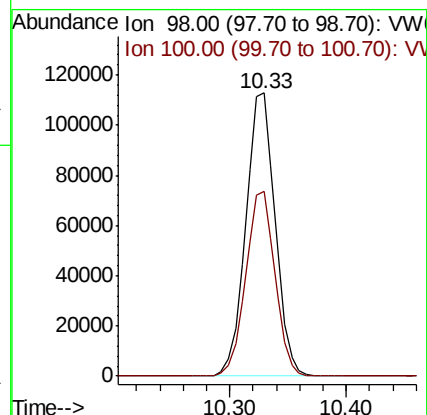
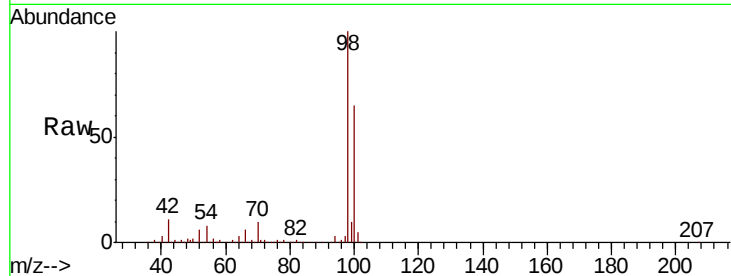
HP-GRID-B

Tot Ion: 98 Resp: 198439

Ion Ratio Lower Upper

98 100

100 65.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 18.489 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006392.D

Acq: 26 Oct 2018 06:27

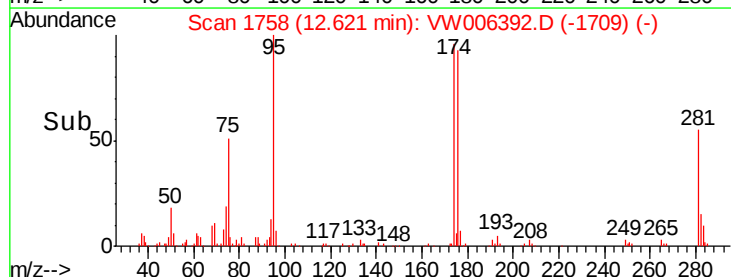
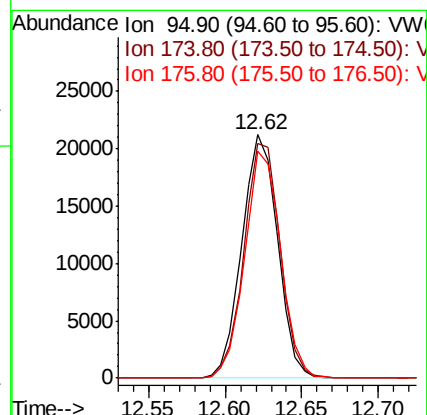
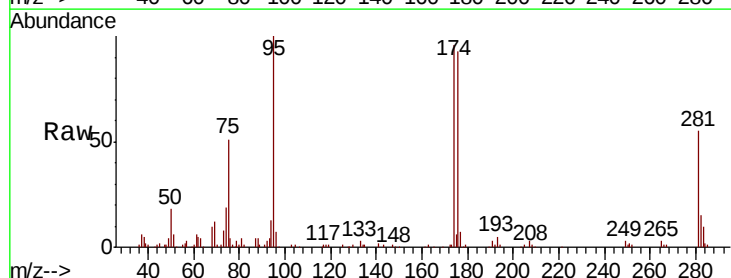
Tgt Ion: 95 Resp: 34412

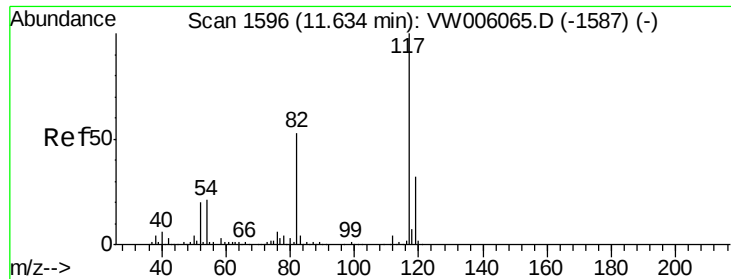
Ion Ratio Lower Upper

95 100

174 97.7 0.0 186.0

176 93.7 0.0 181.6

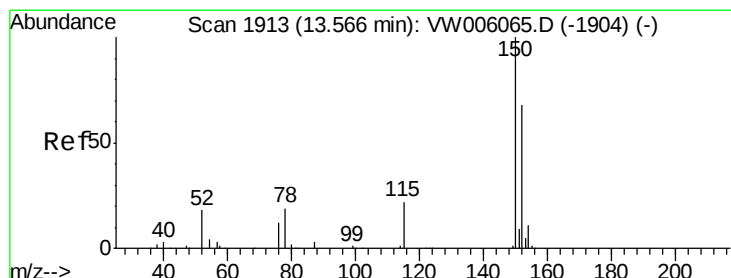
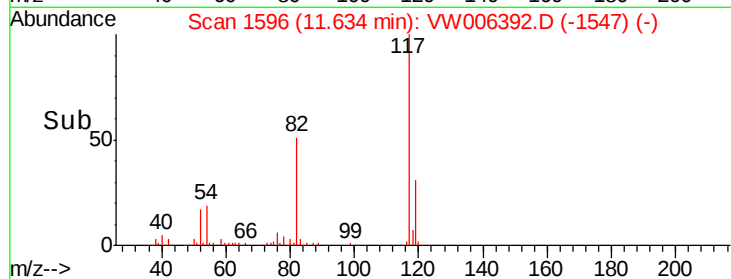
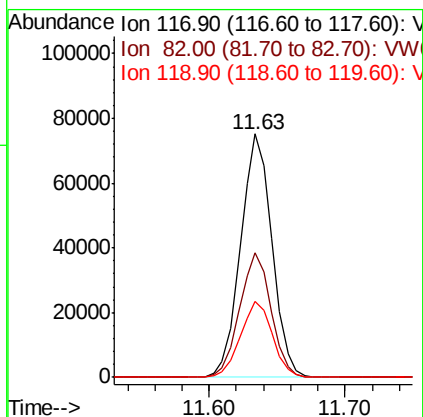
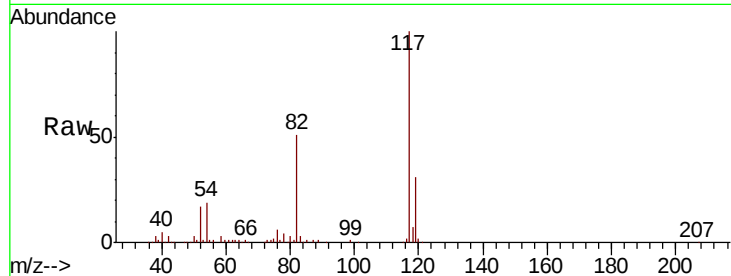




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

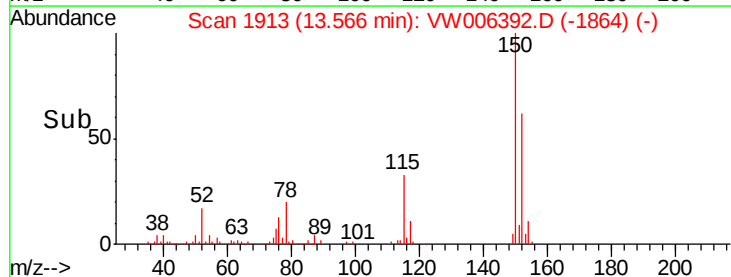
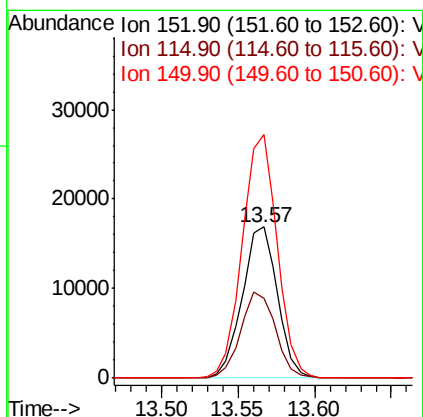
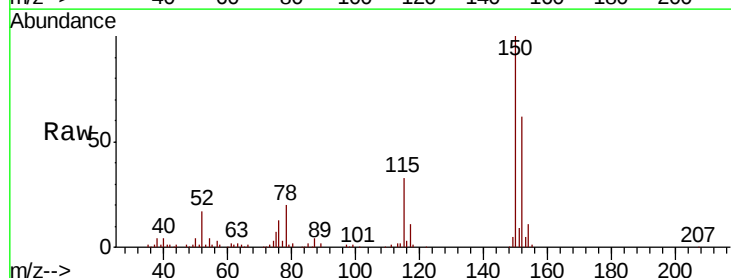
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-B

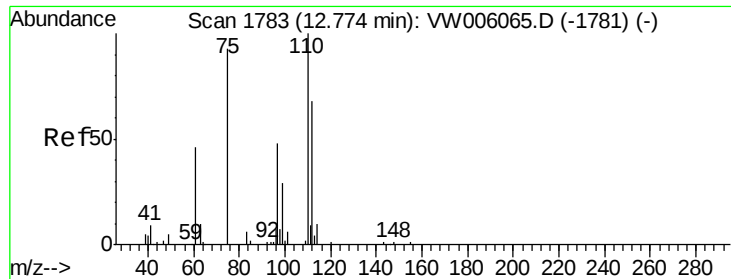
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	42.1	63.1
119	31.3	25.8	38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006392.D
Acq: 26 Oct 2018 06:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.5	27.8	83.3
150	159.9	0.0	349.2

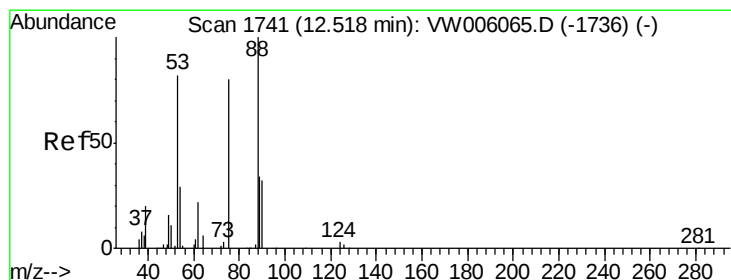
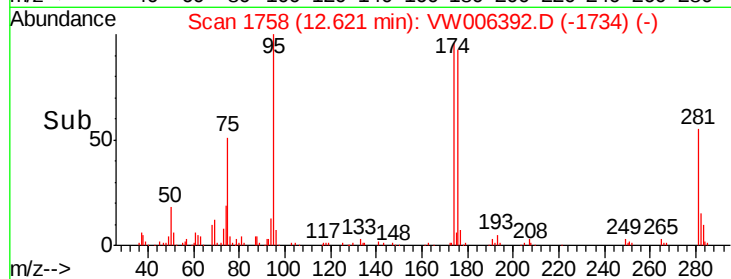
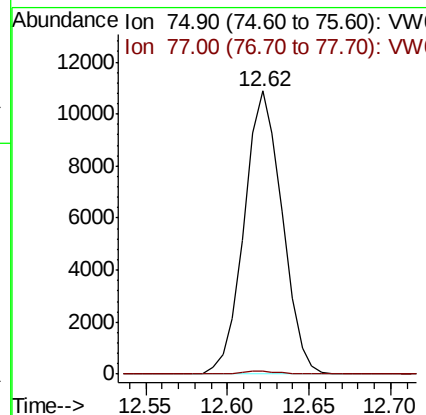
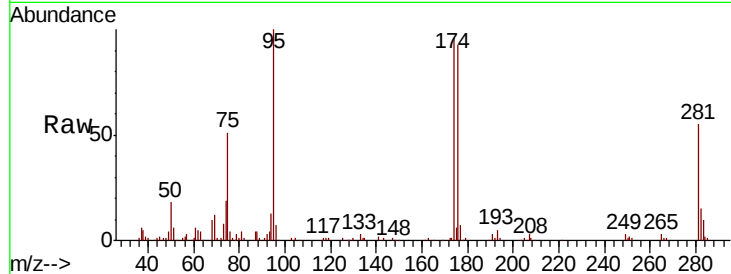




#76
 1,2,3-Trichloropropane
 Concen: 85.846 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

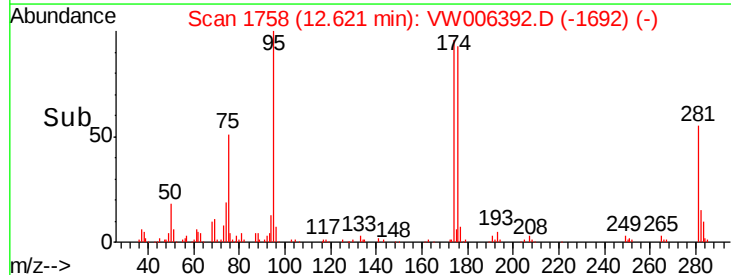
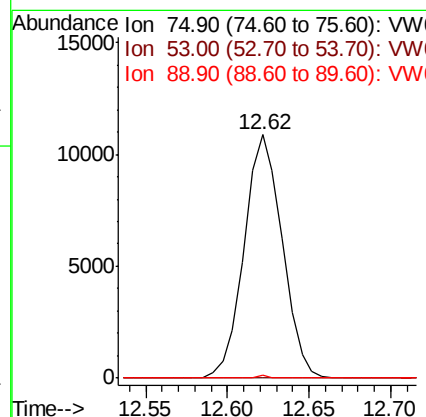
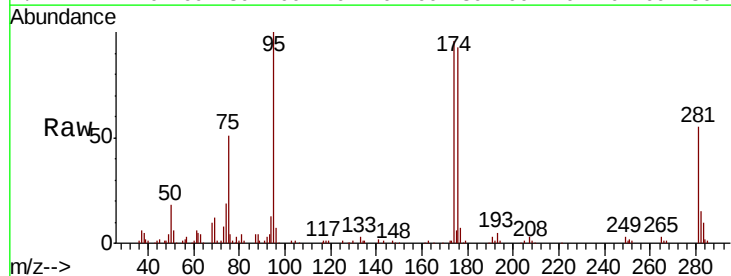
Instrument :
 MSVOA_W
 ClientSampled :
 HP-GRID-B

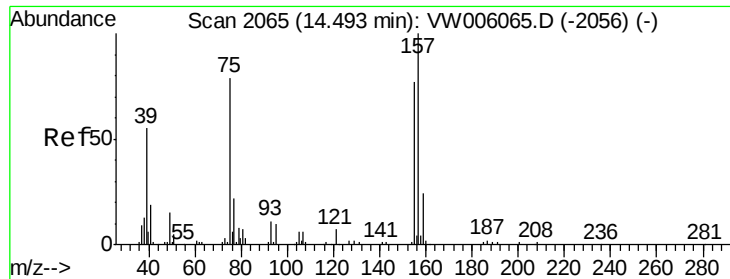
Tot Ion: 75 Resp: 17667
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 205.206 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

Tgt Ion: 75 Resp: 17667
 Ion Ratio Lower Upper
 75 100
 53 0.0 79.8 119.6#
 89 0.3 37.5 56.3#

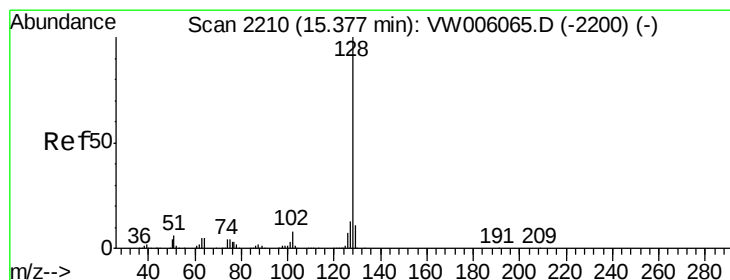
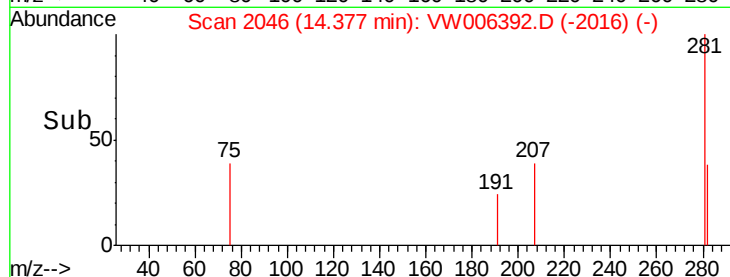
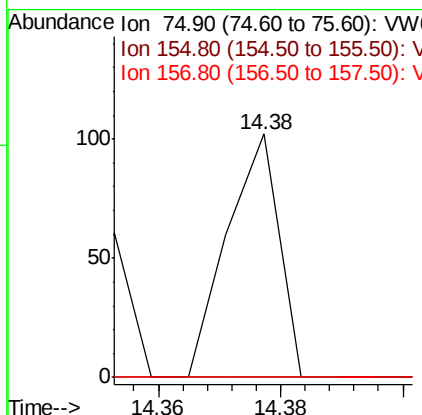
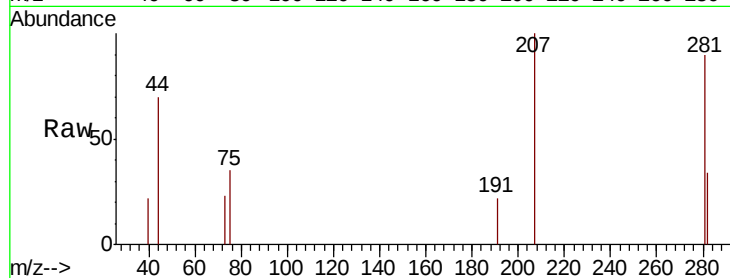




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.138 ug/l
 RT: 14.38 min Scan# 2046
 Delta R.T. -0.12 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-B

Tot Ion: 75 Resp: 59
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.5#
 157 0.0 59.8 179.4#



#95
 Naphthalene
 Concen: 1.131 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW006392.D
 Acq: 26 Oct 2018 06:27

Tgt Ion: 128 Resp: 1198
 Ion Ratio Lower Upper
 128 100
 127 11.9 10.3 15.5
 129 5.3 8.7 13.1#

