

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006393.D
 Acq On : 26 Oct 2018 06:53
 Operator : SY/AP
 Sample : J5636-03
 Misc : 5.02G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-C

Quant Time: Oct 26 07:25:51 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

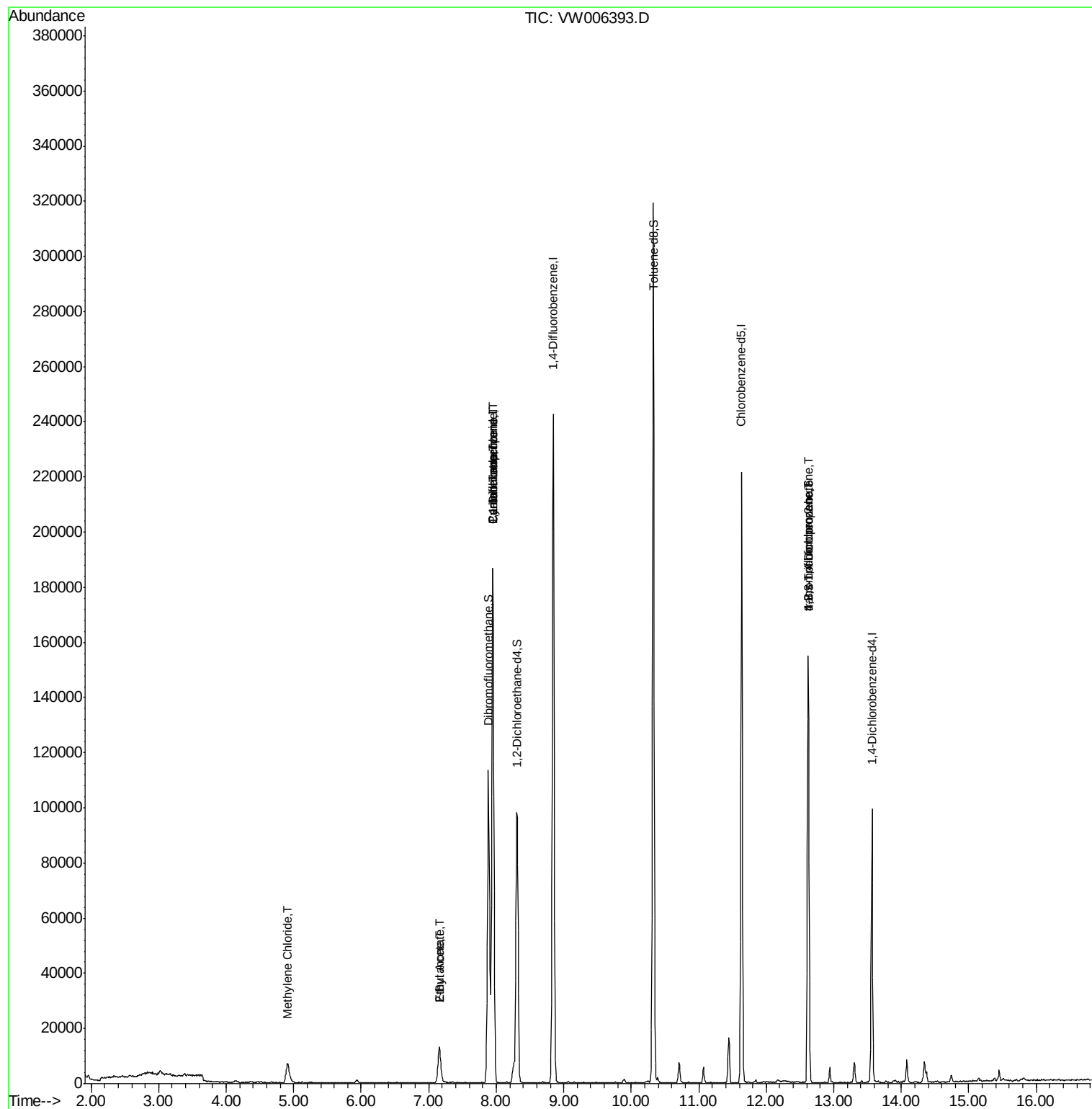
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	153862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	216785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	125772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	28446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	80526	63.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.26%	
35) Dibromofluoromethane	7.88	113	78977	61.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.30%	
50) Toluene-d8	10.32	98	222166	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.62	95	38886	21.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.48%	
Target Compounds						
16) Acetone	4.14	43	1257	Below Cal	#	77
20) Methylene Chloride	4.90	84	6372	3.197	ug/l	98
25) 2-Butanone	7.16	43	808	2.345	ug/l #	46
31) Cyclohexane	7.95	56	3274	1.403	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	10263	5.136	ug/l #	48
37) Ethyl Acetate	7.16	43	808	1.088	ug/l #	6
38) Carbon Tetrachloride	7.95	117	13625	6.220	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	20444	94.094	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	20444	224.923	ug/l #	10

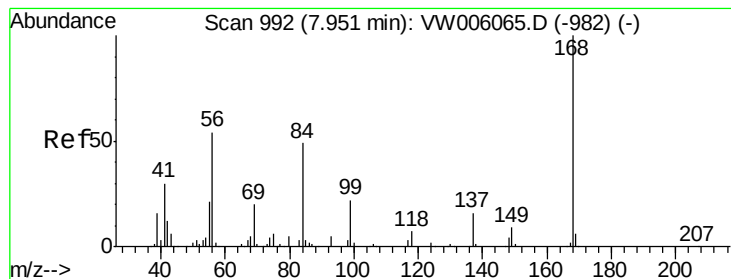
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 26 07:25:51 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: VW006393.D

Acq: 26 Oct 2018 06:53

Instrument :

MSVOA_W

ClientSampled :

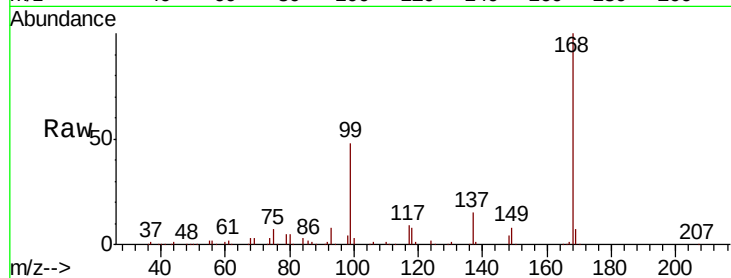
HP-GRID-C

Tot Ion:168 Resp: 153862

Ion Ratio Lower Upper

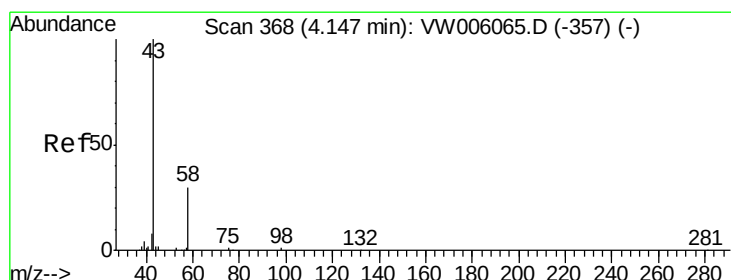
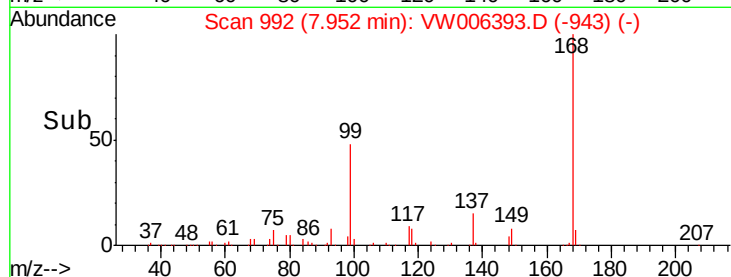
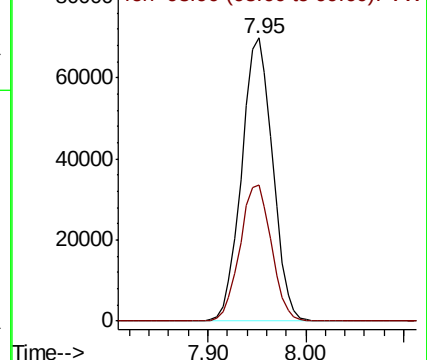
168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006393.D

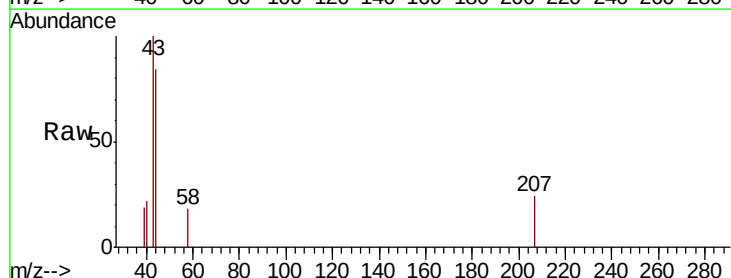
Acq: 26 Oct 2018 06:53

Tgt Ion: 43 Resp: 1257

Ion Ratio Lower Upper

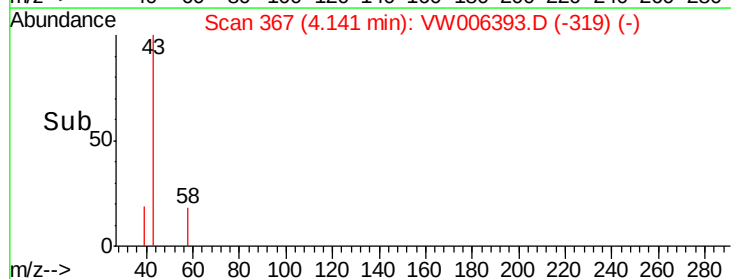
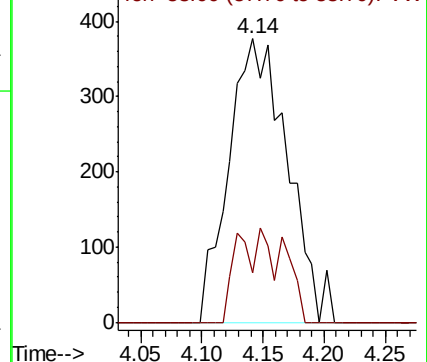
43 100

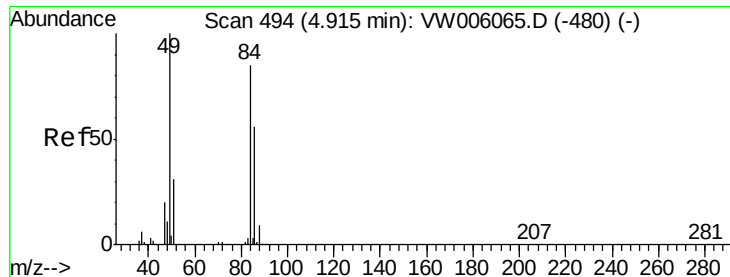
58 17.5 24.0 36.0#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

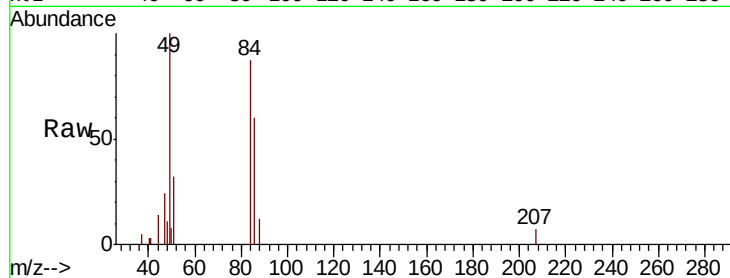




#20
Methylene Chloride
Concen: 3.197 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-C

Tot Ion:	84	Resp:	6372
Ion	Ratio	Lower	Upper
84	100		
49	114.7	93.6	140.4
51	36.4	29.0	43.4
86	68.3	52.6	79.0



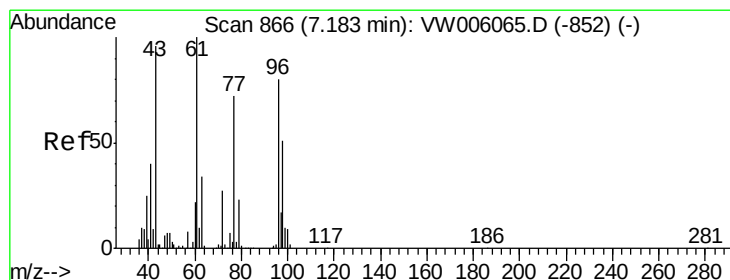
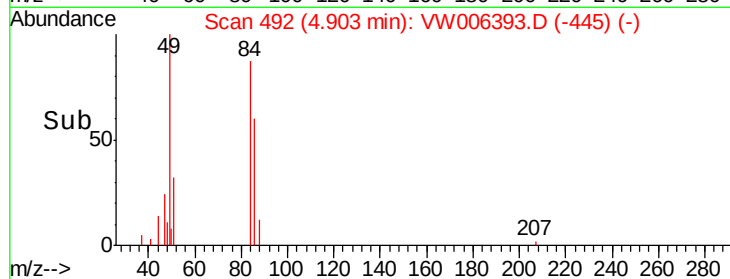
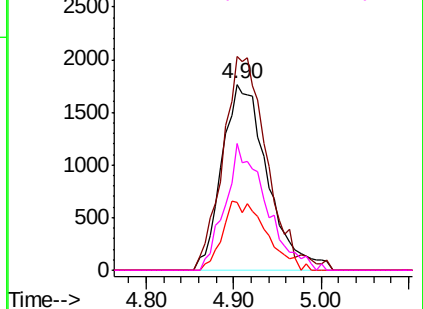
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

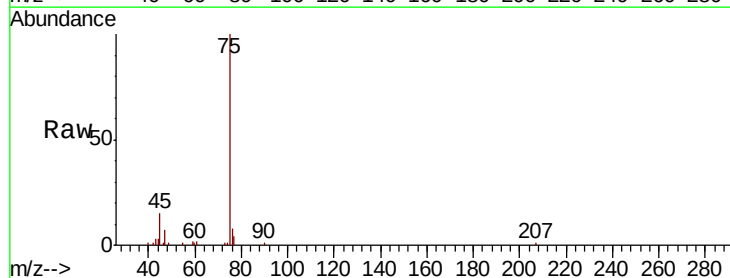
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25
2-Butanone
Concen: 2.345 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.02 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

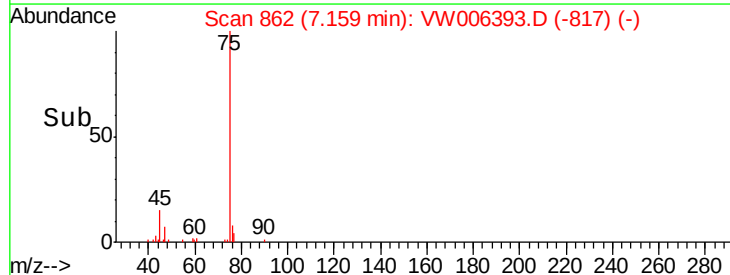
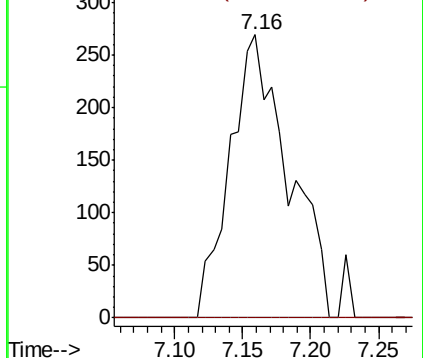
Tgt Ion:	43	Resp:	808
Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#

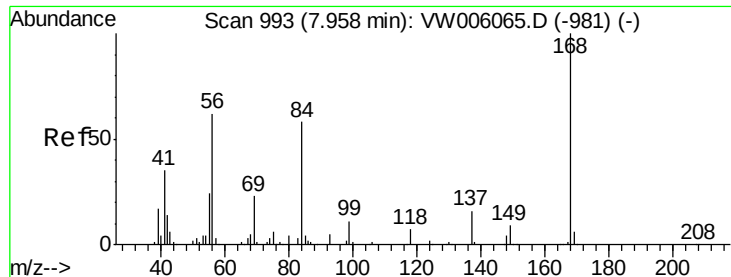


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

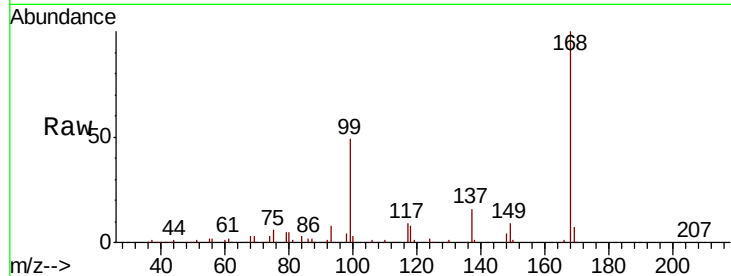




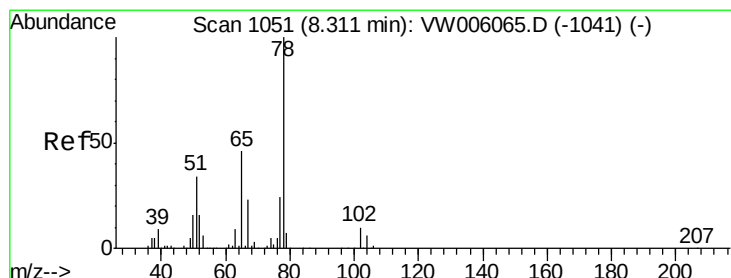
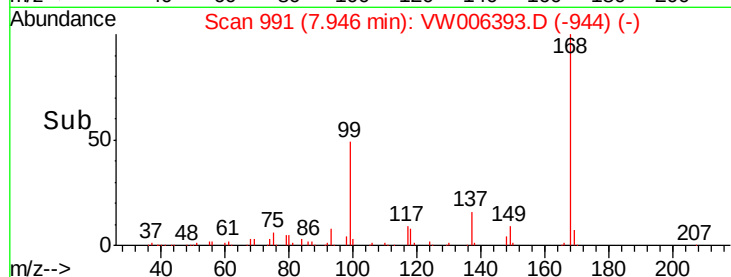
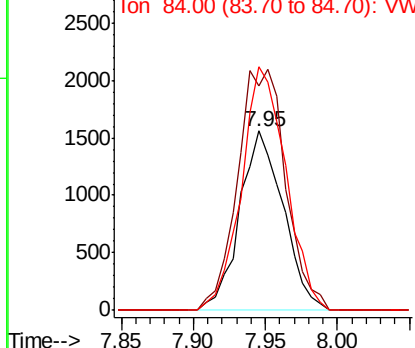
#31
Cyclohexane
Concen: 1.403 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

Instrument :
MSVOA_W
ClientSampled :
HP-GRID-C

Tot Ion: 56 Resp: 3274
Ion Ratio Lower Upper
56 100
69 125.0 29.4 44.0#
84 135.9 74.0 111.0#

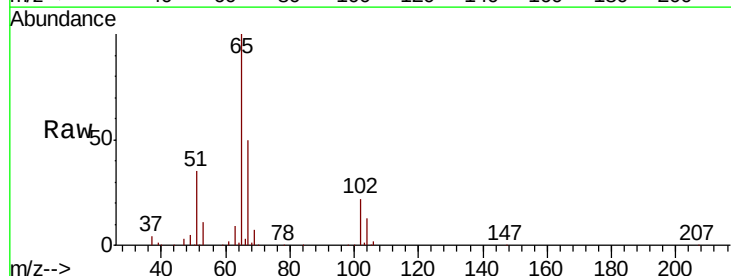


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

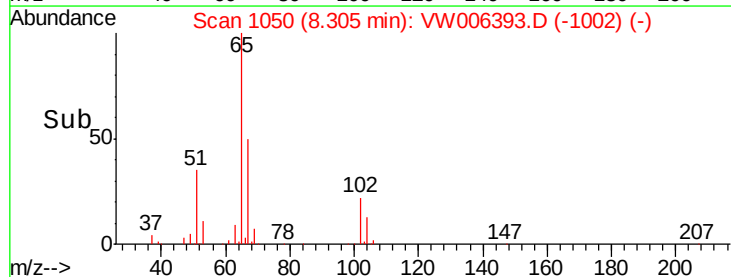
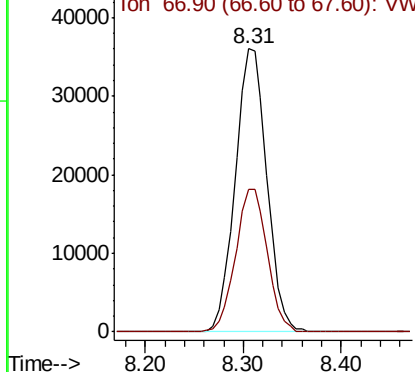


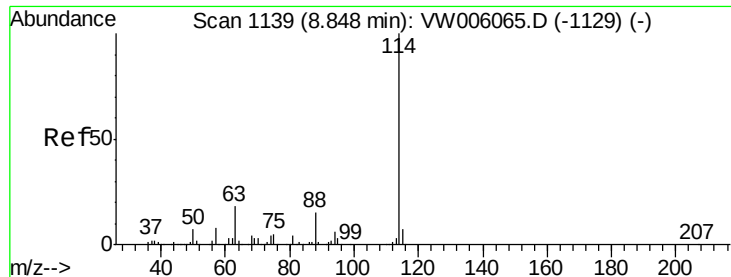
#33
1,2-Dichloroethane-d4
Concen: 63.128 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

Tgt Ion: 65 Resp: 80526
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.0



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

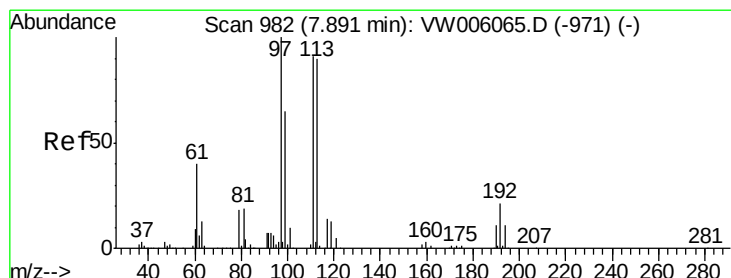
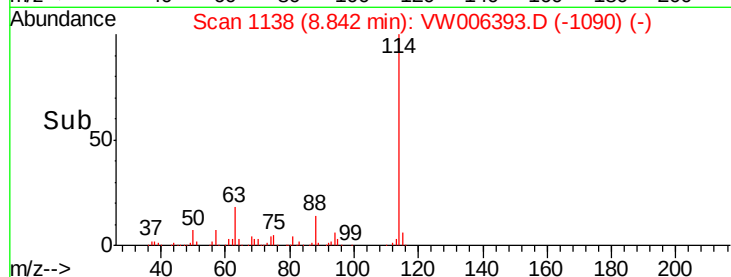
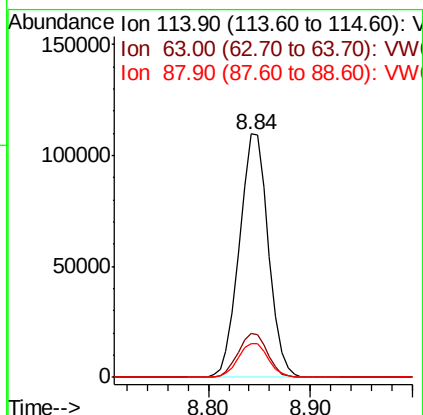
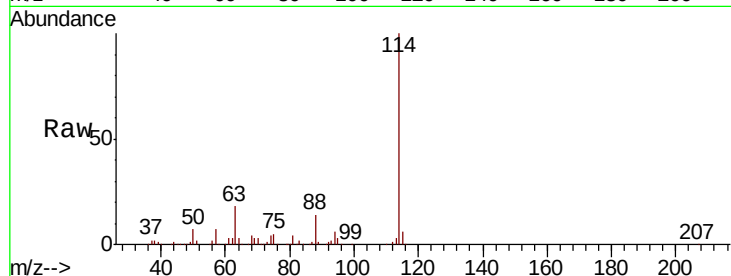




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006393.D
 Acq: 26 Oct 2018 06:53

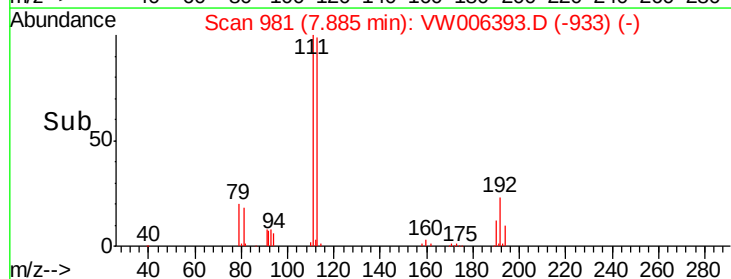
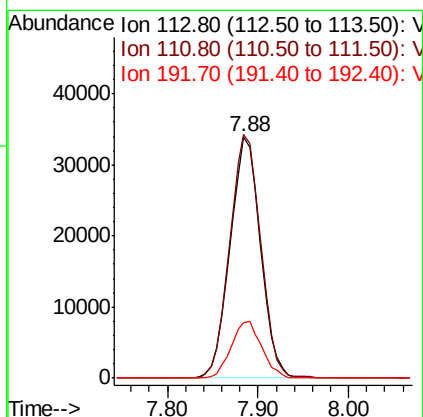
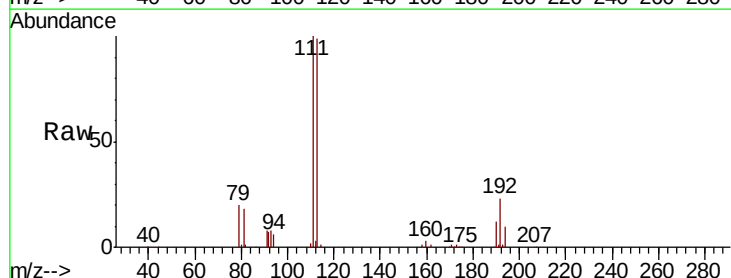
Instrument :
 MSVOA_W
 ClientSampleId :
 HP-GRID-C

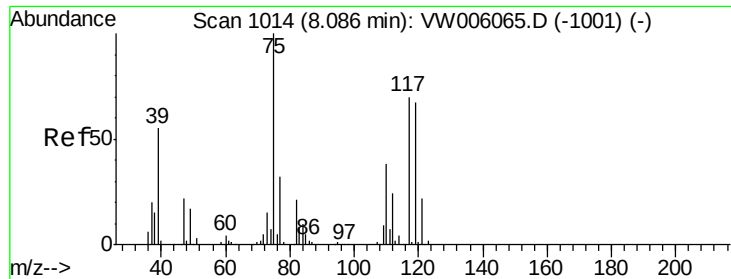
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.8
88	14.1	0.0	29.0



#35
 Dibromofluoromethane
 Concen: 61.654 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006393.D
 Acq: 26 Oct 2018 06:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.0
192	23.4	18.7	28.1





#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.13 min

Lab File: VW006393.D

Acq: 26 Oct 2018 06:53

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-C

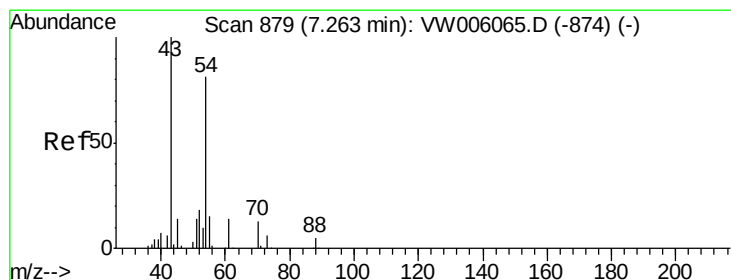
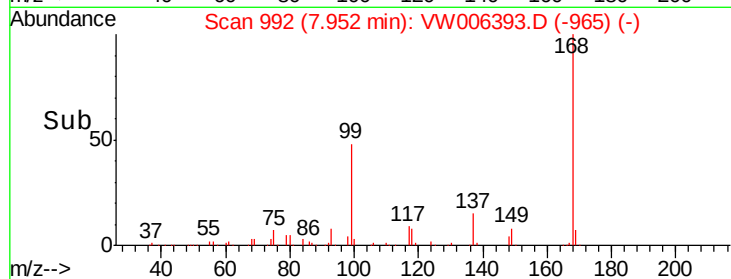
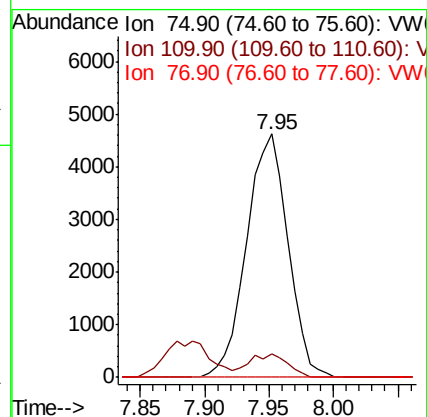
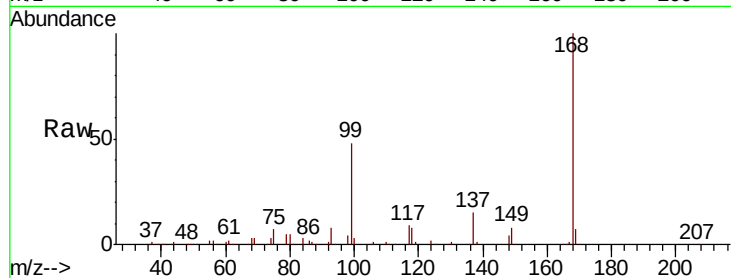
Tot Ion: 75 Resp: 10263

Ion Ratio Lower Upper

75 100

110 9.0 19.1 57.1#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 1.088 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.10 min

Lab File: VW006393.D

Acq: 26 Oct 2018 06:53

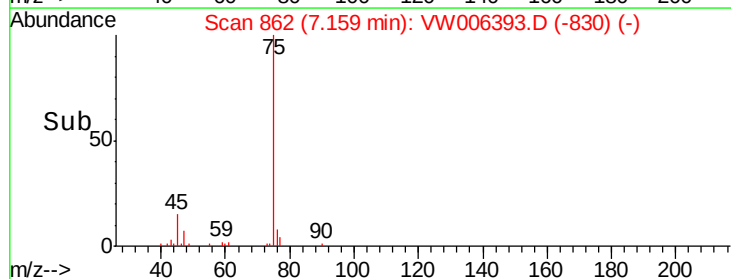
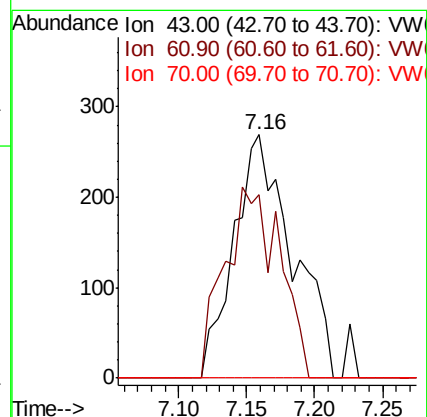
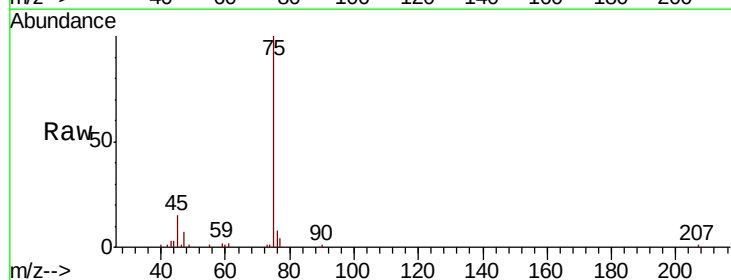
Tgt Ion: 43 Resp: 808

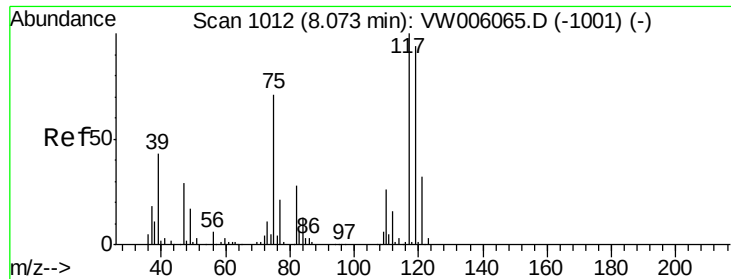
Ion Ratio Lower Upper

43 100

61 73.8 11.5 17.3#

70 0.0 9.2 13.8#





#38

Carbon Tetrachloride

Concen: 6.220 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006393.D

Acq: 26 Oct 2018 06:53

Instrument :

MSVOA_W

ClientSampled :

HP-GRID-C

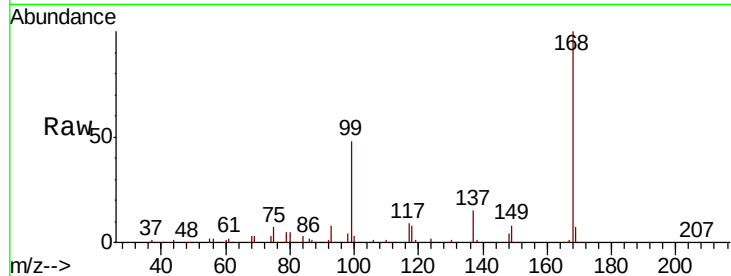
Tot Ion:117 Resp: 13625

Ion Ratio Lower Upper

117 100

119 6.1 75.2 112.8#

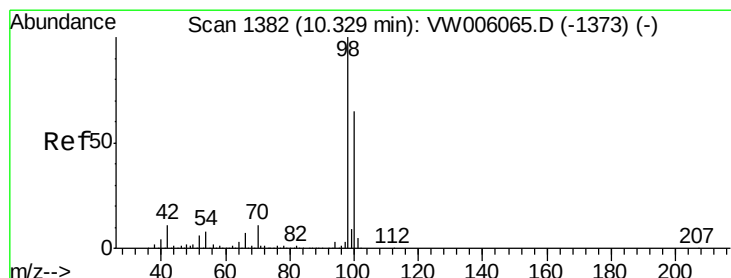
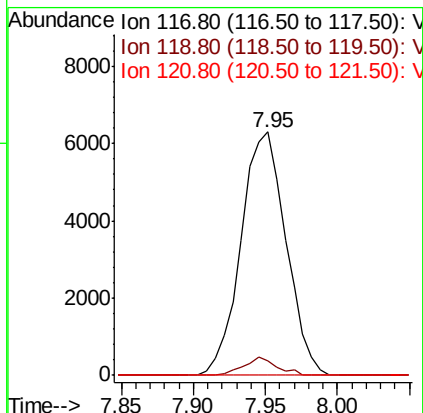
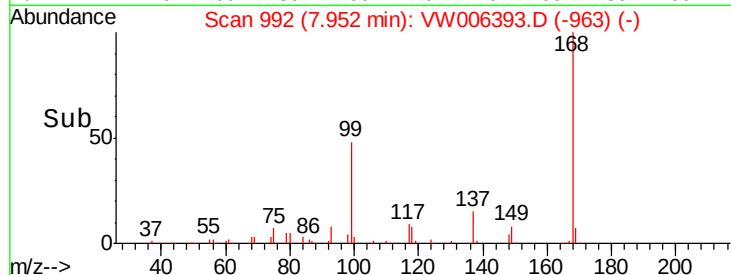
121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 45.587 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW006393.D

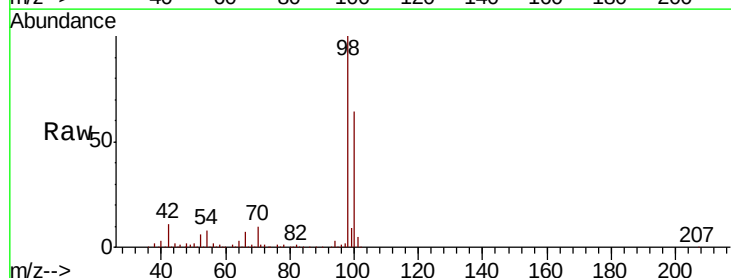
Acq: 26 Oct 2018 06:53

Tgt Ion: 98 Resp: 222166

Ion Ratio Lower Upper

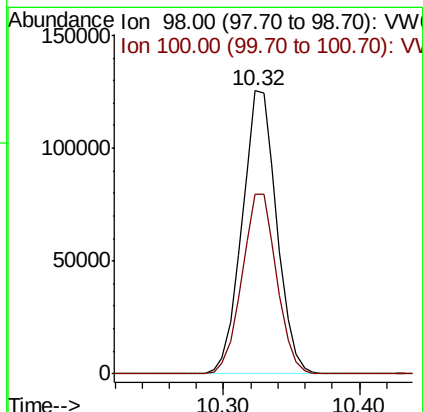
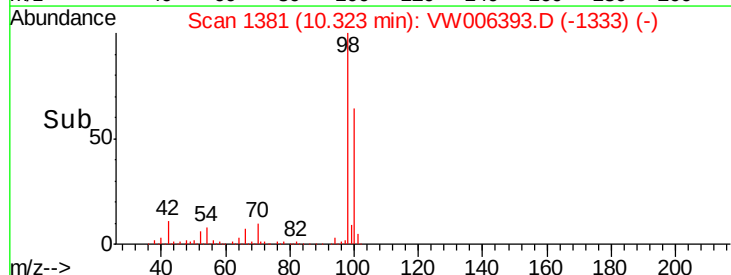
98 100

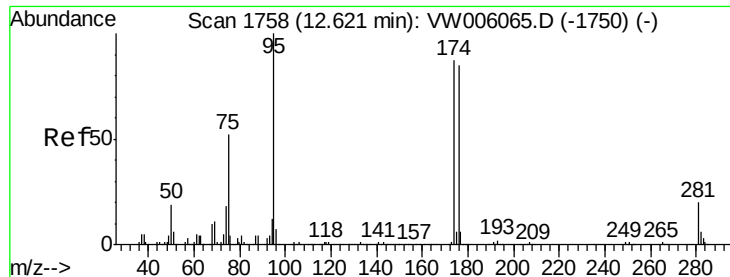
100 63.9 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

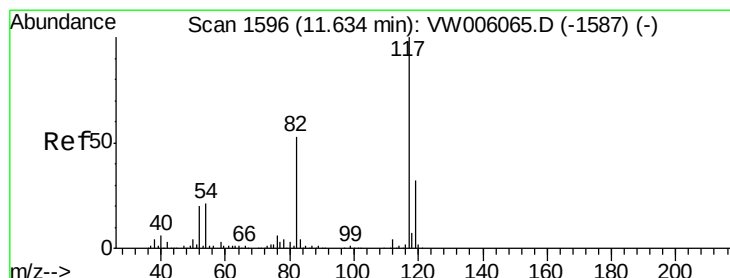
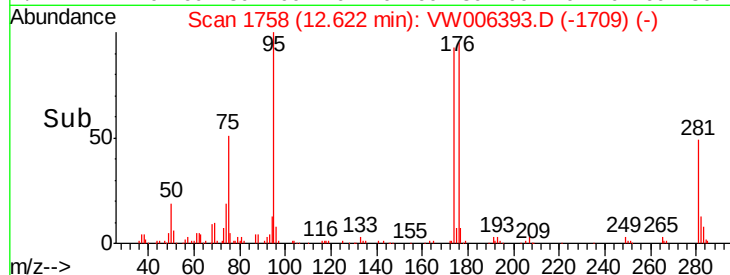
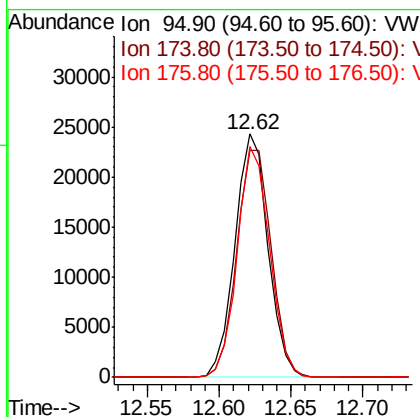
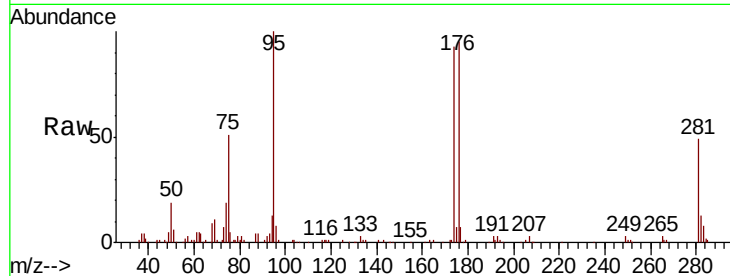




#62
4-Bromofluorobenzene
Concen: 21.244 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

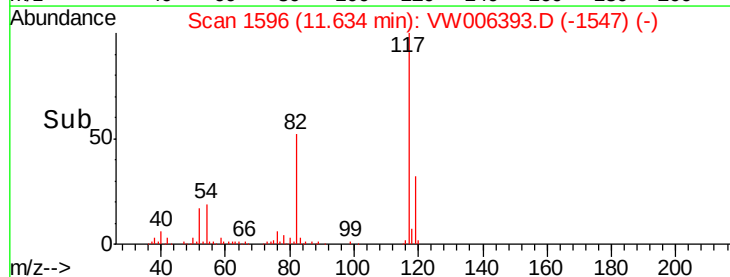
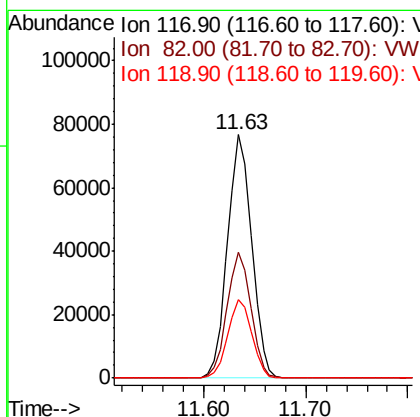
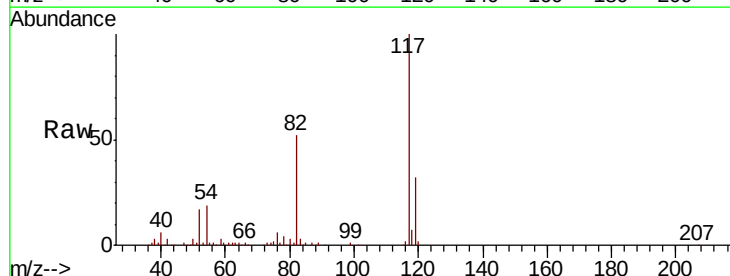
Instrument :
MSVOA_W
ClientSampleId :
HP-GRID-C

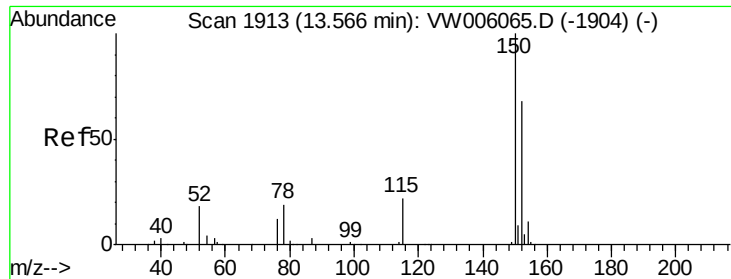
Tot Ion: 95 Resp: 38886
Ion Ratio Lower Upper
95 100
174 97.3 0.0 186.0
176 92.6 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

Tgt Ion: 117 Resp: 125772
Ion Ratio Lower Upper
117 100
82 51.9 42.1 63.1
119 32.4 25.8 38.6



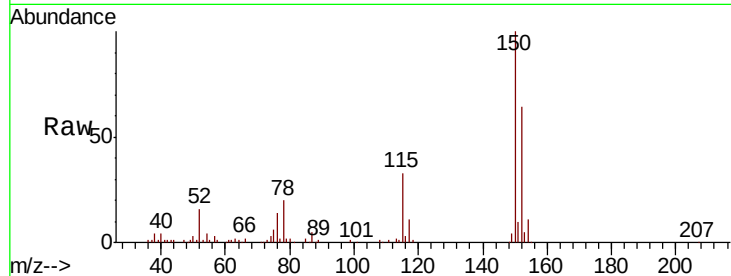


#72

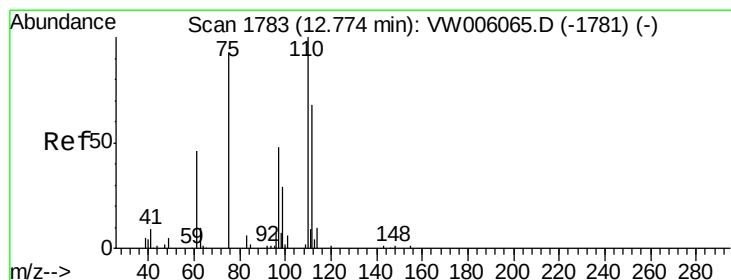
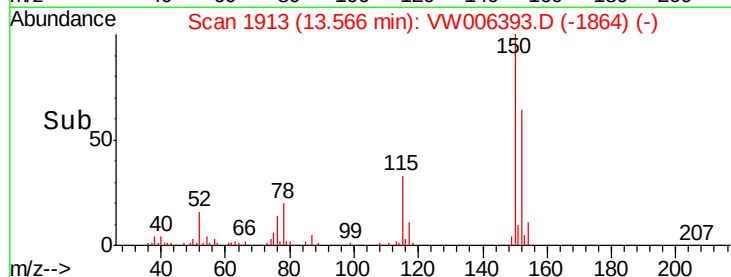
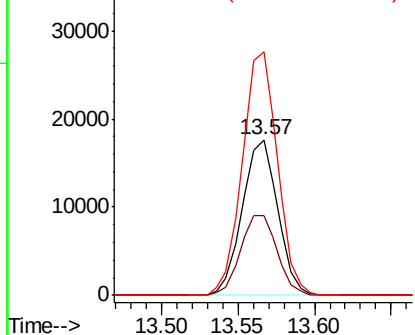
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

Instrument :
MSVOA_W
ClientSampled :
HP-GRID-C

Tot Ion:152 Resp: 28446
Ion Ratio Lower Upper
152 100
115 53.4 27.8 83.3
150 154.9 0.0 349.2



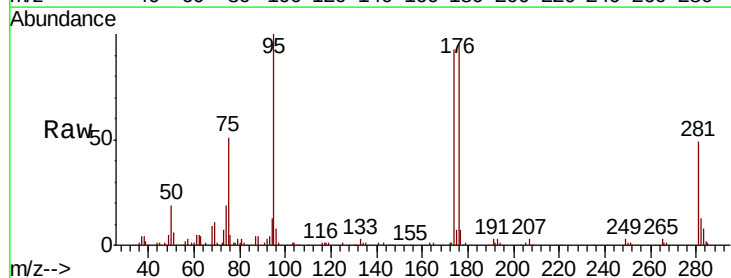
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



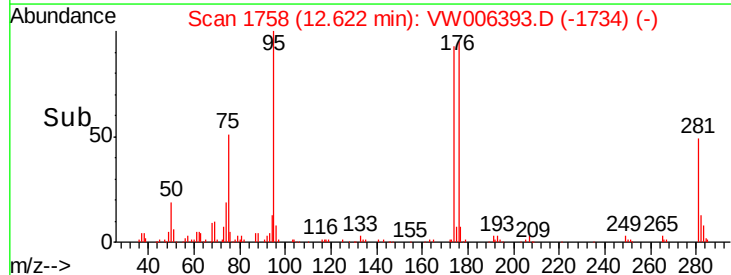
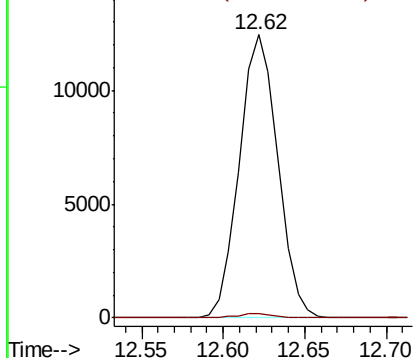
#76

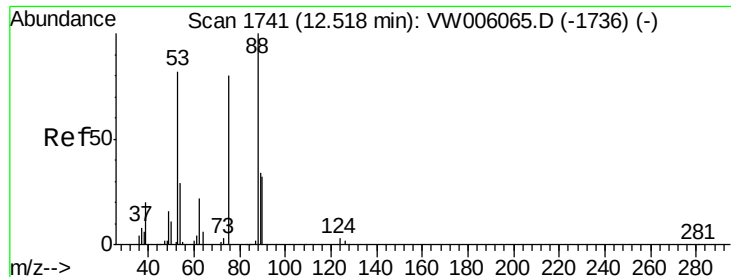
1,2,3-Trichloropropane
Concen: 94.094 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006393.D
Acq: 26 Oct 2018 06:53

Tgt Ion: 75 Resp: 20444
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 224.923 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006393.D

Acq: 26 Oct 2018 06:53

Instrument :

MSVOA_W

ClientSampleId :

HP-GRID-C

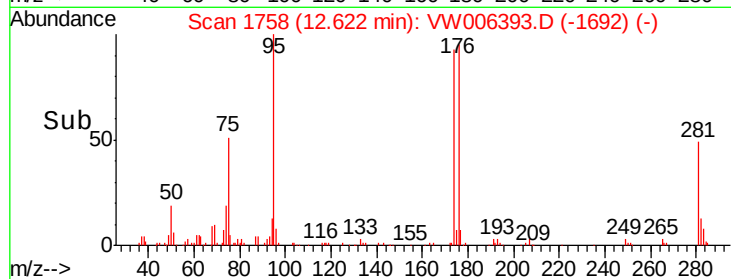
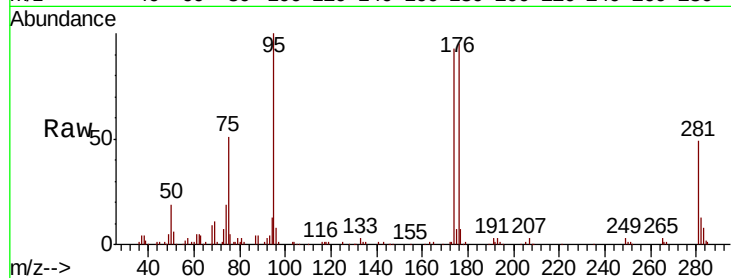
Tot Ion: 75 Resp: 20444

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

