

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007225.D
 Acq On : 05 Dec 2018 09:32
 Operator : SY/AP
 Sample : J6208-19
 Misc : 5.3G/5ML/MSVOA_W/SOIL
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Quant Time: Dec 05 12:20:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

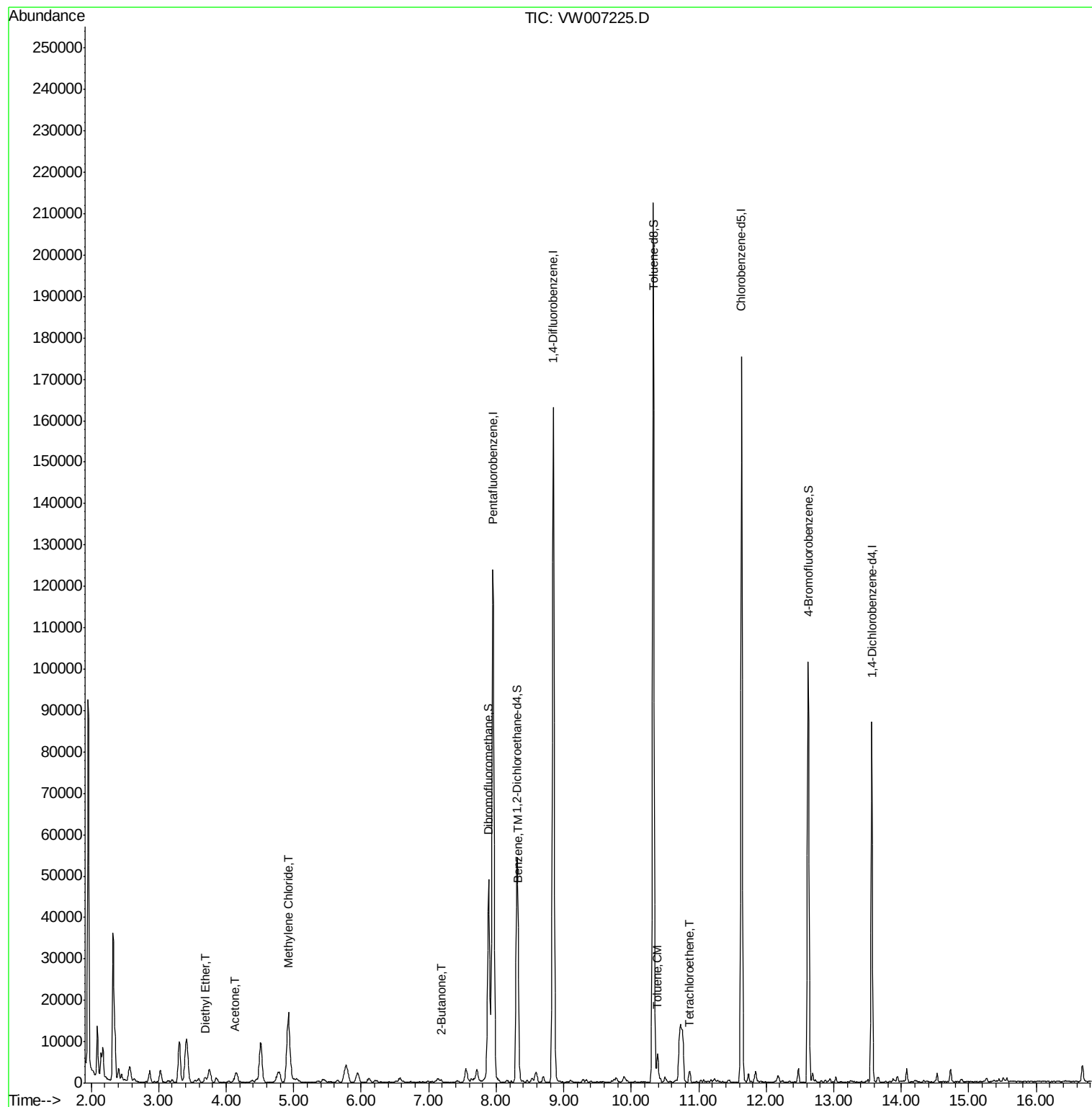
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	145007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	23066	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	43689	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	7.89	113	35992	43.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.70%	
50) Toluene-d8	10.32	98	146376	40.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.04%	
62) 4-Bromofluorobenzene	12.62	95	33844	24.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.04%	
Target Compounds						
8) Diethyl Ether	3.68	74	640	1.440	ug/l	89
16) Acetone	4.12	43	2342	11.273	ug/l	91
20) Methylene Chloride	4.92	84	13243	8.309	ug/l	95
25) 2-Butanone	7.18	43	802	3.330	ug/l #	83
40) Benzene	8.33	78	4749	1.227	ug/l #	89
52) Toluene	10.40	92	3079	1.144	ug/l	92
64) Tetrachloroethene	10.87	164	728	1.008	ug/l #	74

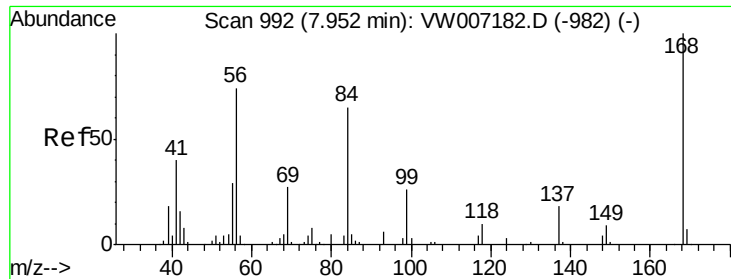
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 05 01:35:23 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: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

ClientSampleId :

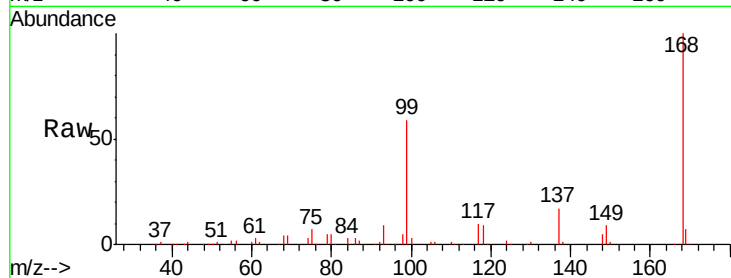
TP-5

Tgt Ion: 168 Resp: 94260

Ion Ratio Lower Upper

168 100

99 59.0 47.8 71.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

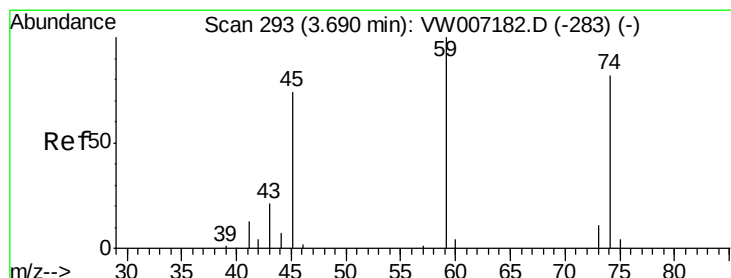
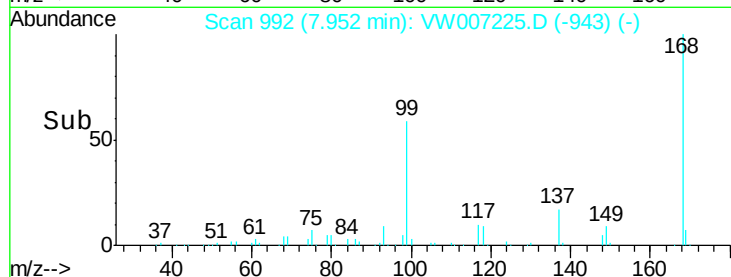
20000

10000

0

7.90 8.00

Time-->



#8

Diethyl Ether

Concen: 1.440 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW007225.D

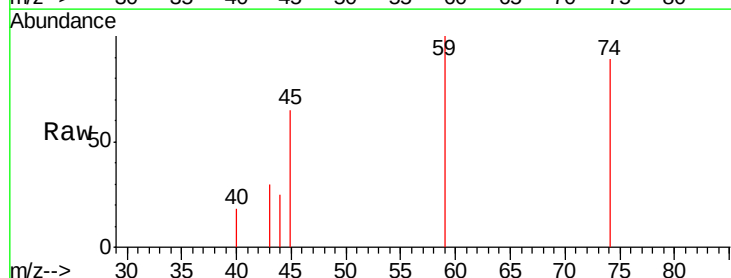
Acq: 05 Dec 2018 09:32

Tgt Ion: 74 Resp: 640

Ion Ratio Lower Upper

74 100

45 104.7 47.2 141.6



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

400

300

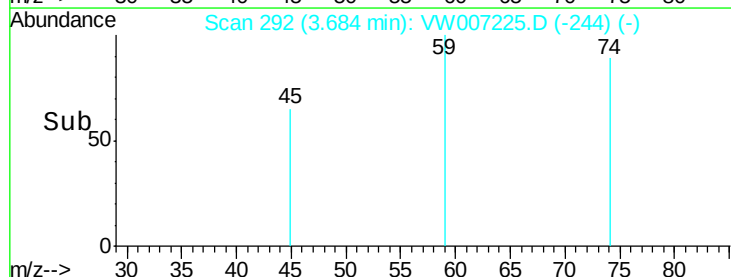
200

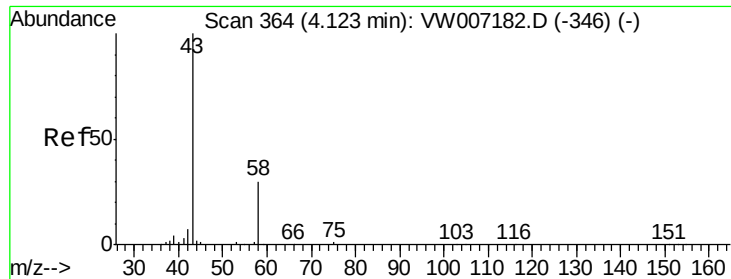
100

0

3.65 3.70 3.75

Time-->





#16

Acetone

Concen: 11.273 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

ClientSampled :

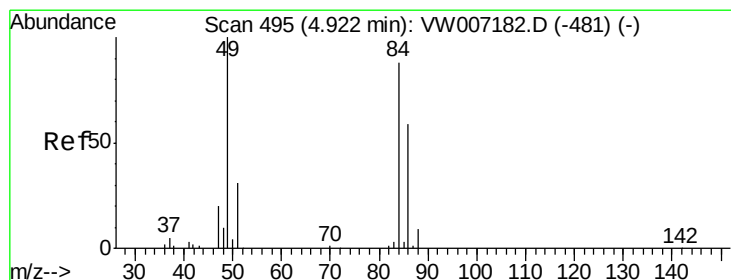
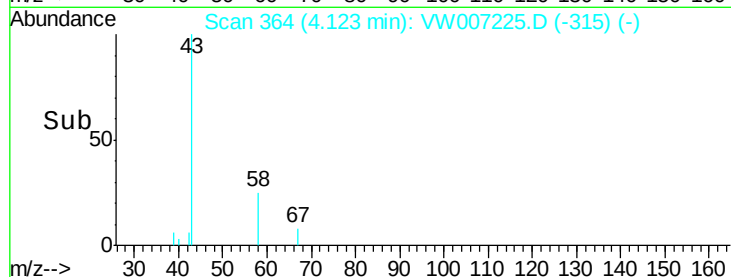
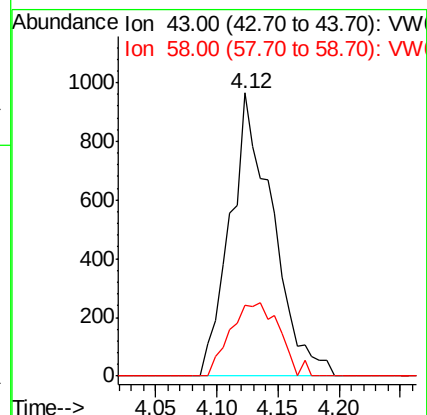
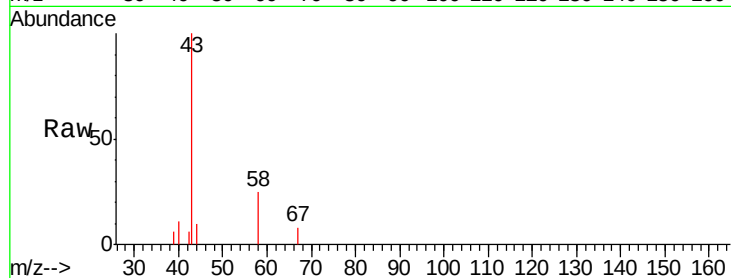
TP-5

Tgt Ion: 43 Resp: 2342

Ion Ratio Lower Upper

43 100

58 25.0 23.8 35.8



#20

Methylene Chloride

Concen: 8.309 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.00 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Tgt Ion: 84 Resp: 13243

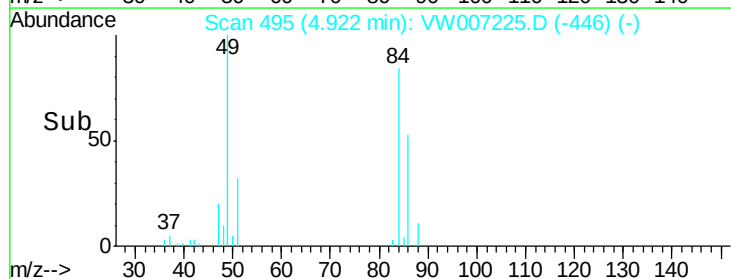
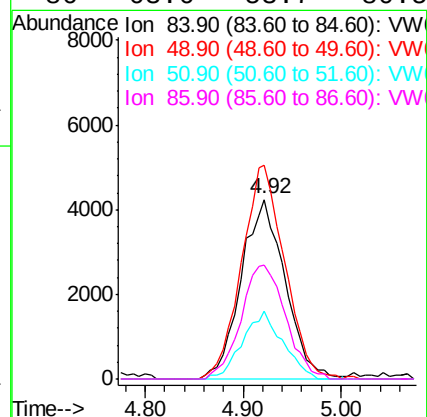
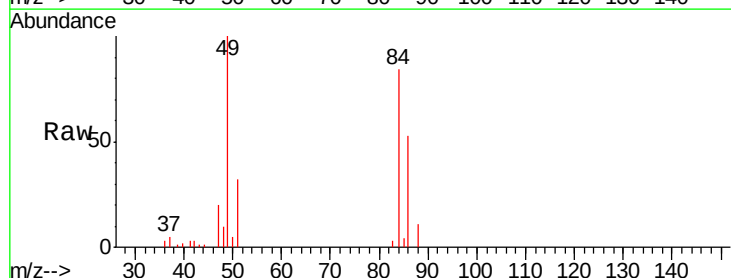
Ion Ratio Lower Upper

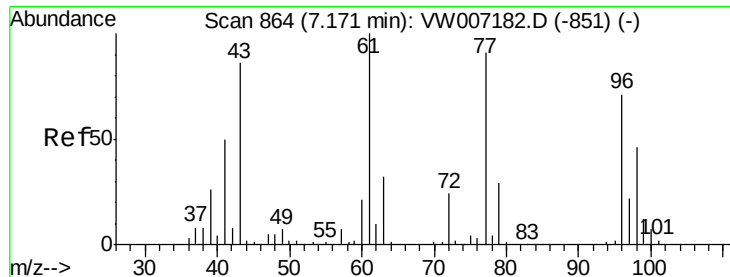
84 100

49 119.0 90.6 135.8

51 37.7 27.6 41.4

86 63.6 53.7 80.5





#25

2-Butanone

Concen: 3.330 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

ClientSampled :

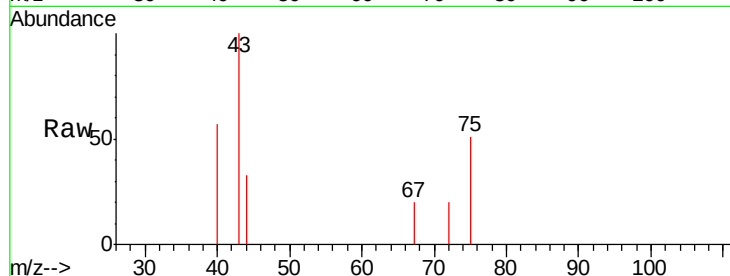
TP-5

Tgt Ion: 43 Resp: 802

Ion Ratio Lower Upper

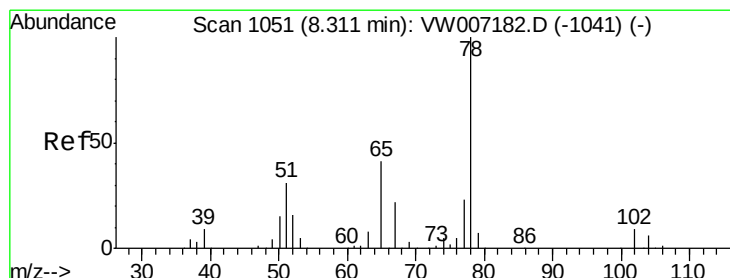
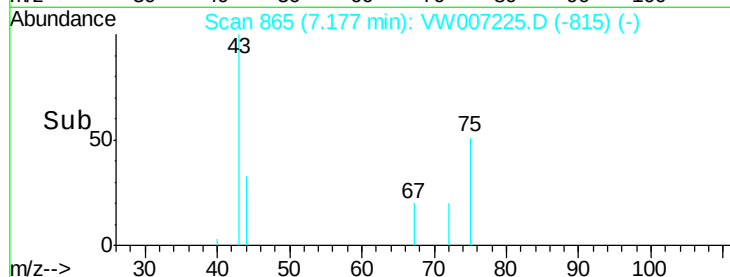
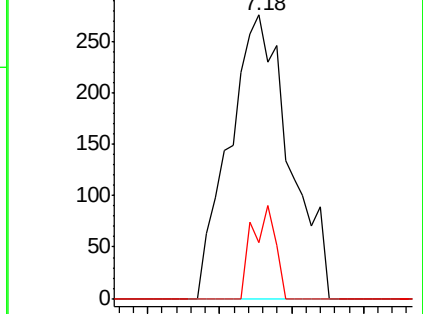
43 100

72 19.6 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#33

1,2-Dichloroethane-d4

Concen: 49.782 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW007225.D

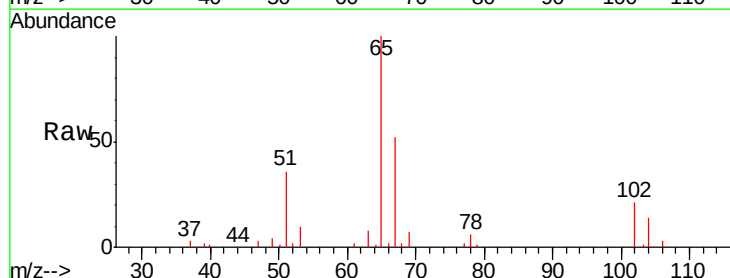
Acq: 05 Dec 2018 09:32

Tgt Ion: 65 Resp: 43689

Ion Ratio Lower Upper

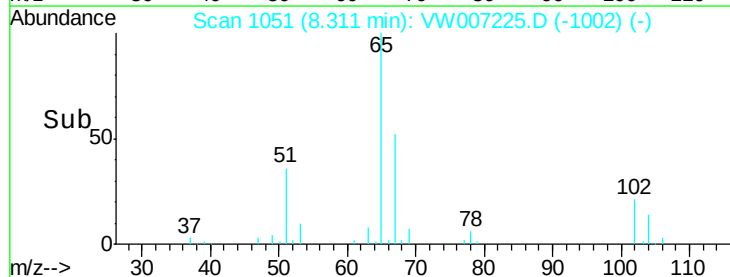
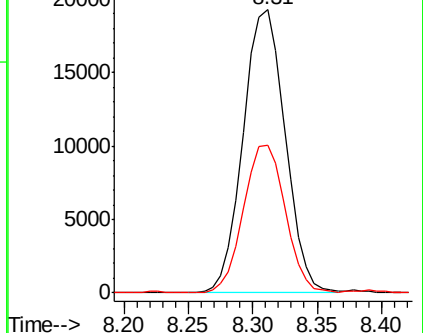
65 100

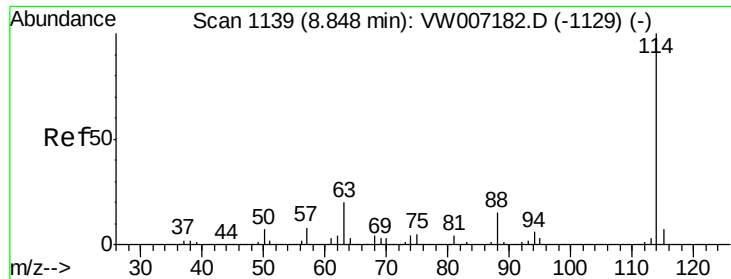
67 51.9 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

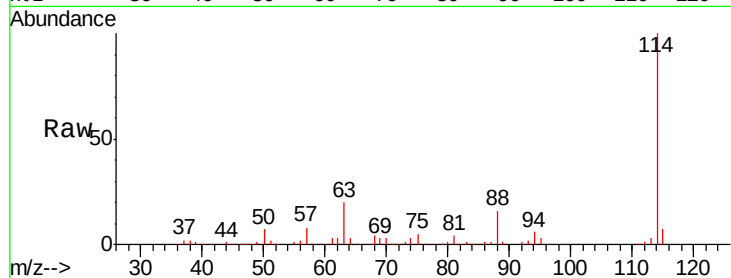




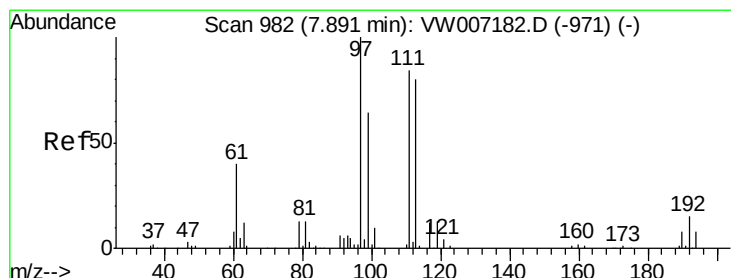
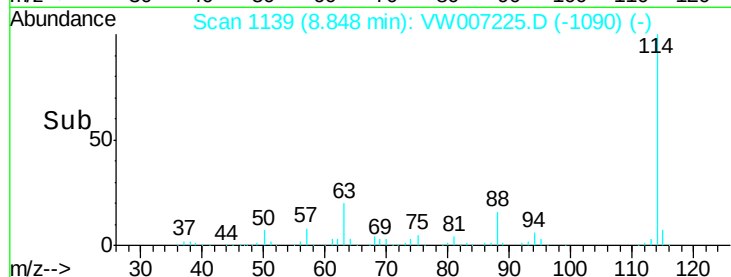
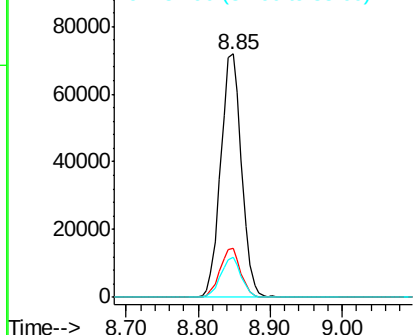
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007225.D
 Acq: 05 Dec 2018 09:32

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Tgt Ion:114 Resp: 145007
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 16.4 0.0 30.0

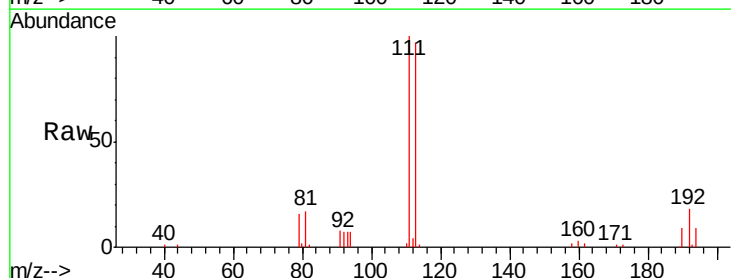


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

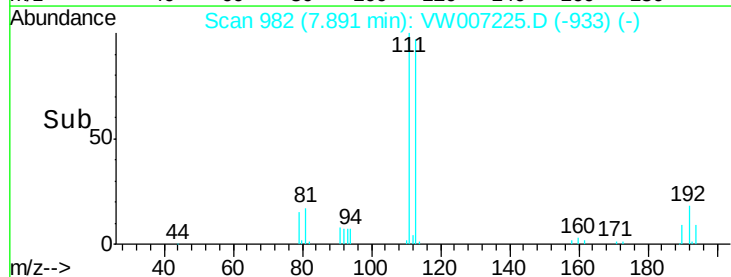
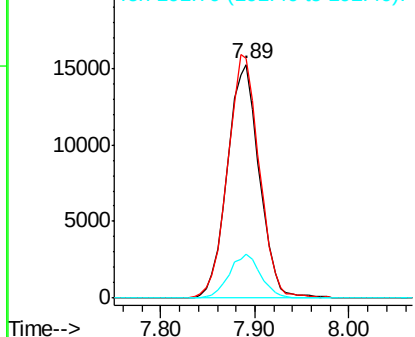


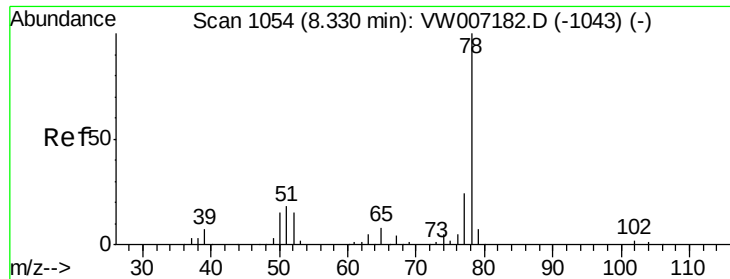
#35
 Dibromofluoromethane
 Concen: 43.348 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007225.D
 Acq: 05 Dec 2018 09:32

Tgt Ion:113 Resp: 35992
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.2 123.4
 192 18.2 14.4 21.6



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





#40

Benzene

Concen: 1.227 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

ClientSampled :

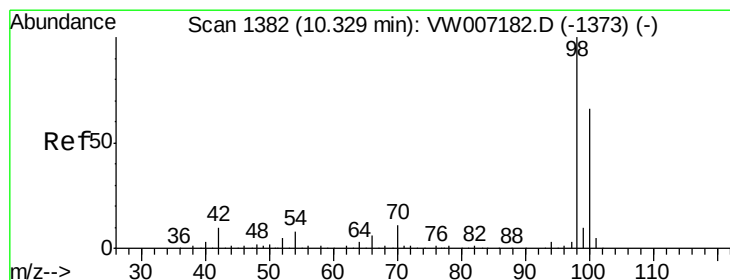
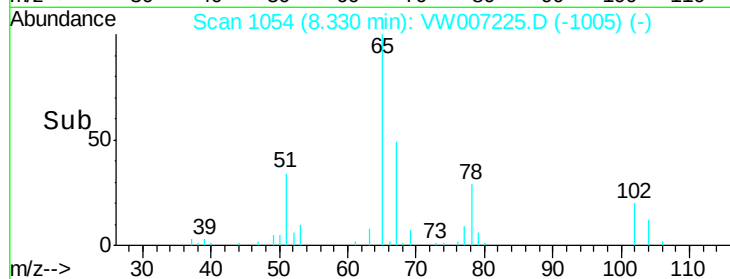
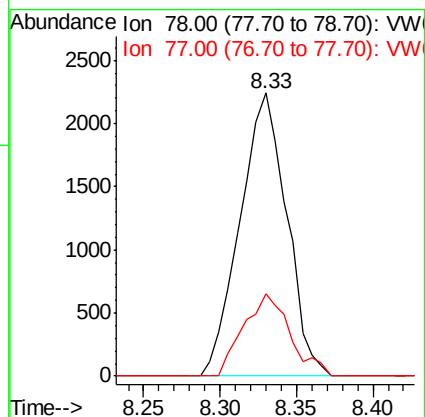
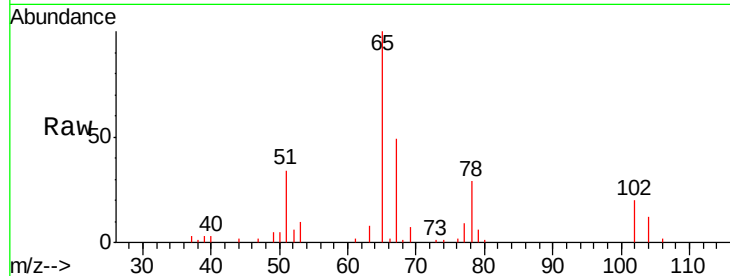
TP-5

Tgt Ion: 78 Resp: 4749

Ion Ratio Lower Upper

78 100

77 29.2 18.9 28.3#



#50

Toluene-d8

Concen: 40.021 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.01 min

Lab File: VW007225.D

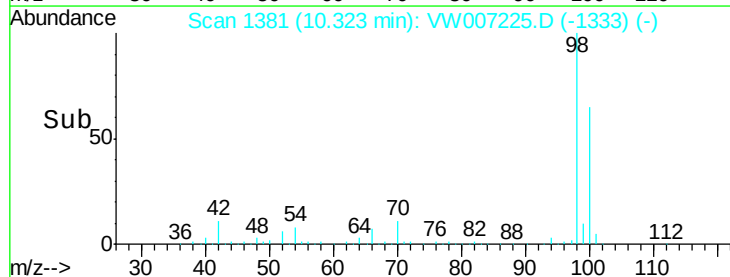
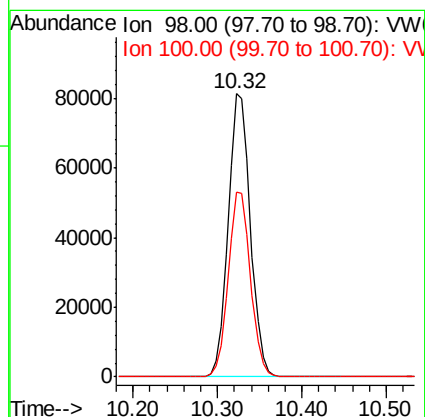
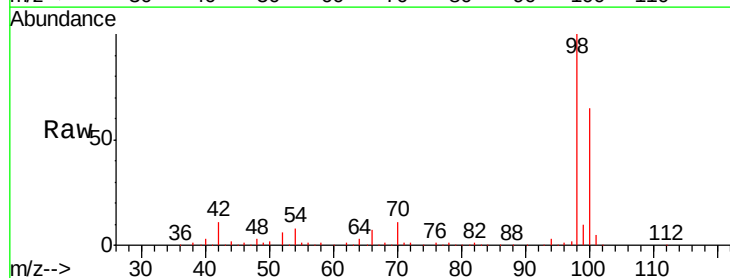
Acq: 05 Dec 2018 09:32

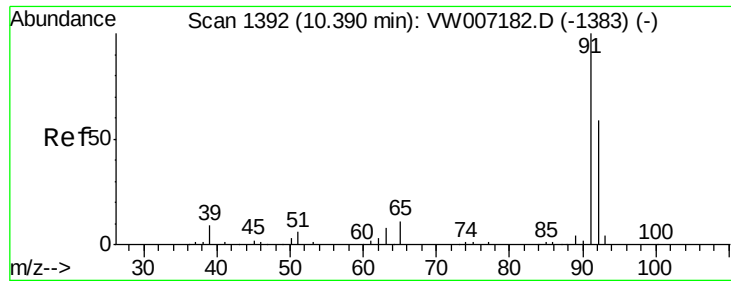
Tgt Ion: 98 Resp: 146376

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1





#52

Toluene

Concen: 1.144 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

Instrument :

MSVOA_W

ClientSampled :

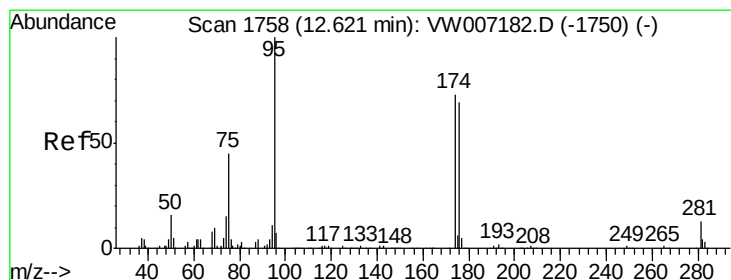
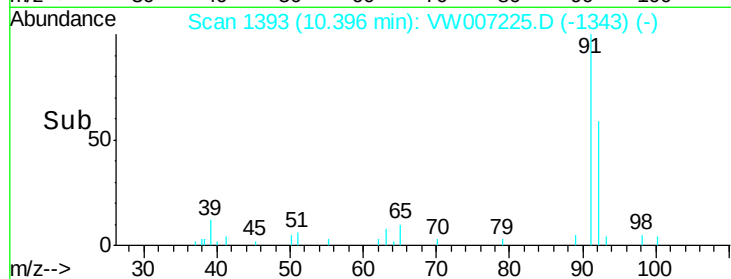
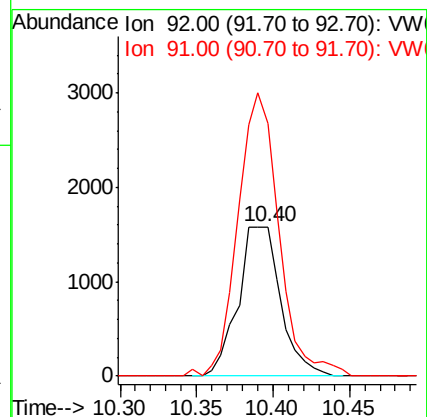
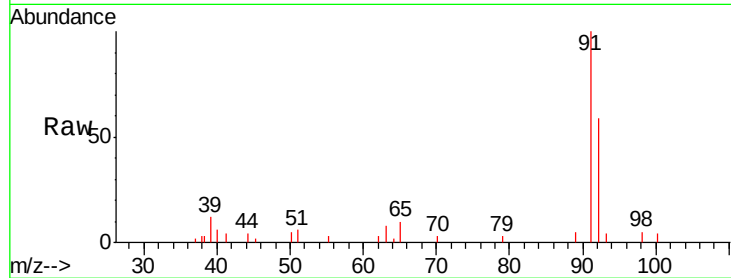
TP-5

Tgt Ion: 92 Resp: 3079

Ion Ratio Lower Upper

92 100

91 181.6 136.0 204.0



#62

4-Bromofluorobenzene

Concen: 24.516 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007225.D

Acq: 05 Dec 2018 09:32

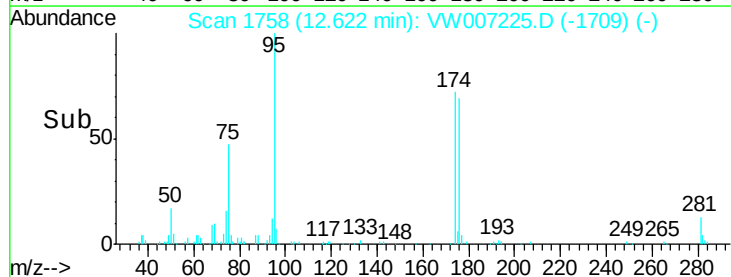
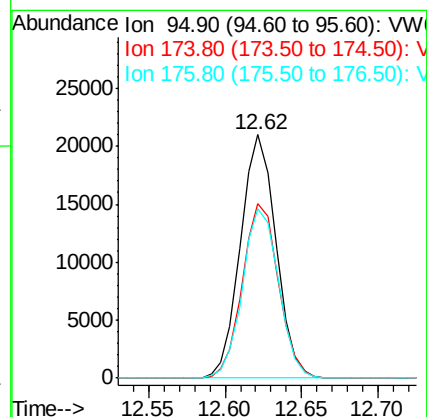
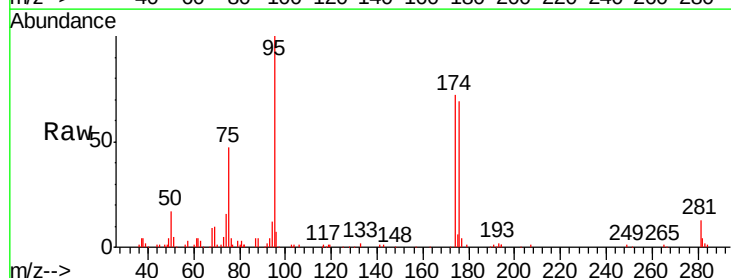
Tgt Ion: 95 Resp: 33844

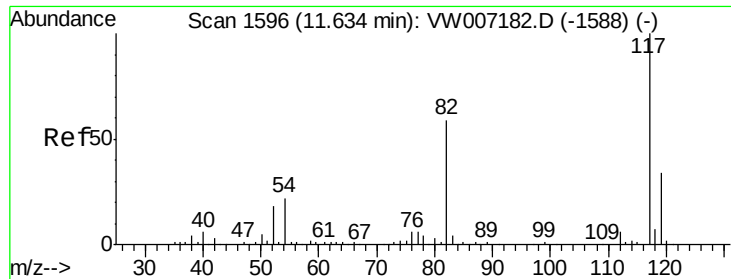
Ion Ratio Lower Upper

95 100

174 73.2 0.0 148.0

176 70.7 0.0 139.4

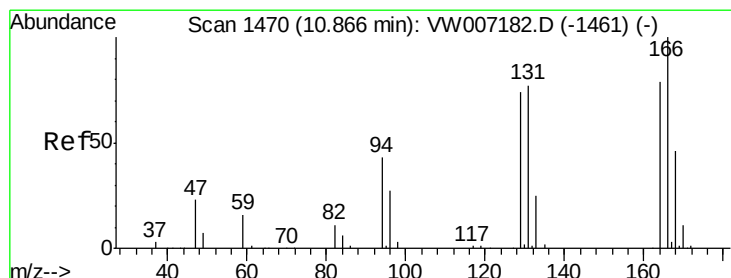
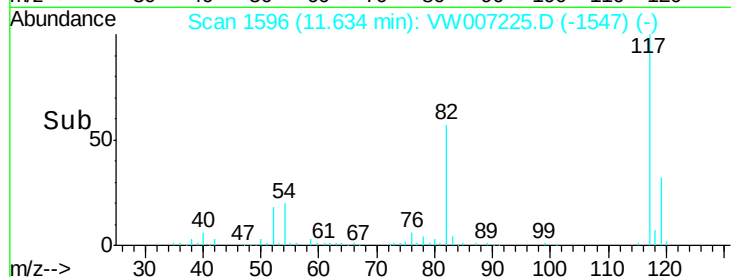
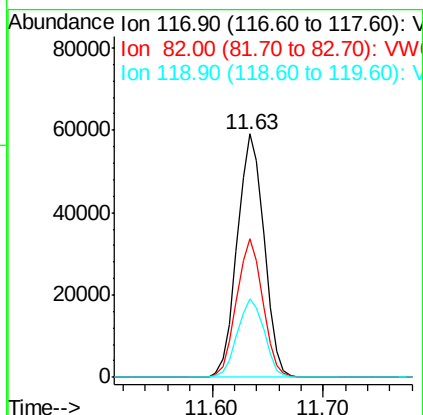
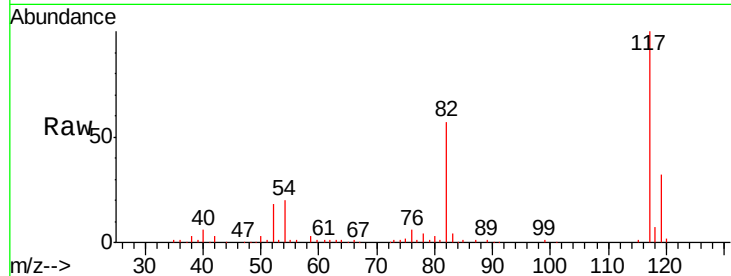




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

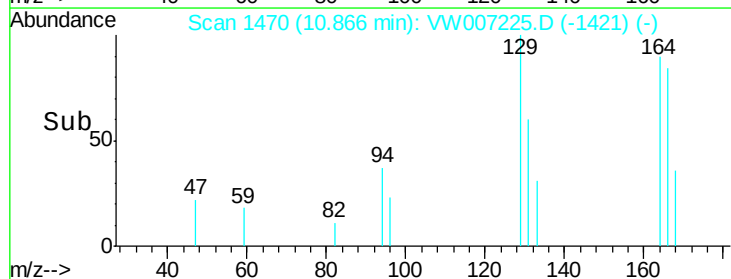
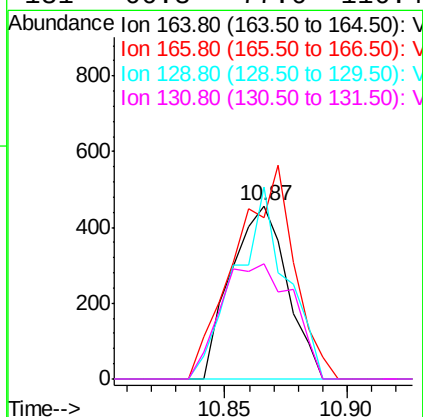
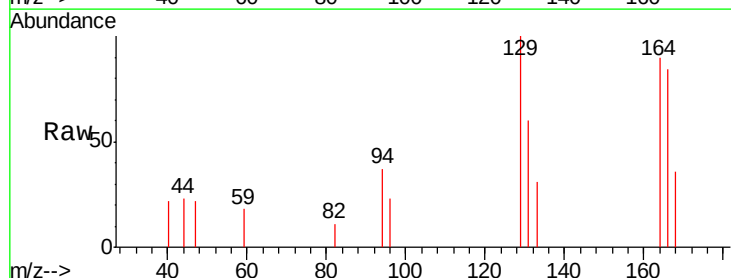
Instrument :
MSVOA_W
ClientSampleId :
TP-5

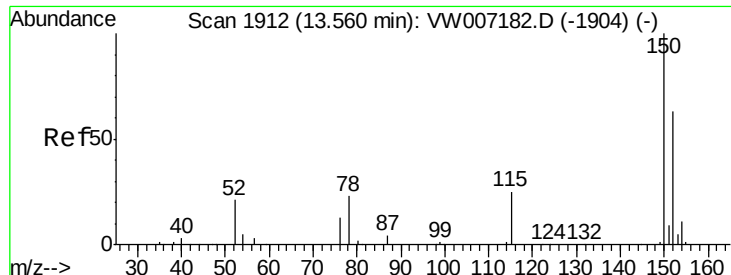
Tgt Ion:117 Resp: 98857
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.5 26.8 40.2



#64
Tetrachloroethene
Concen: 1.008 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007225.D
Acq: 05 Dec 2018 09:32

Tgt Ion:164 Resp: 728
Ion Ratio Lower Upper
164 100
166 93.4 101.0 151.4#
129 110.7 74.6 111.8
131 66.3 77.6 116.4#

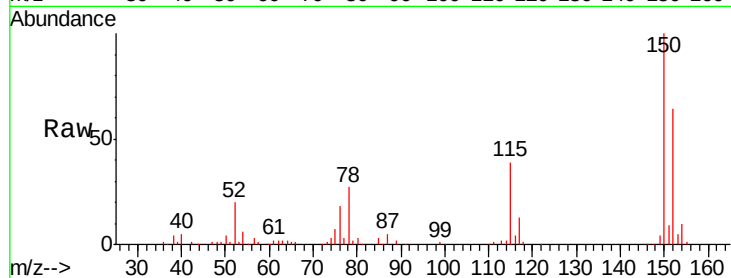




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW007225.D
 Acq: 05 Dec 2018 09:32

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-5

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.3	93.8
150	159.1	0.0	358.0



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

