

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021819\
 Data File : VW008728.D
 Acq On : 18 Feb 2019 15:05
 Operator : SY/VA
 Sample : K1515-10
 Misc : 6.09G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-10

Quant Time: Feb 19 03:52:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

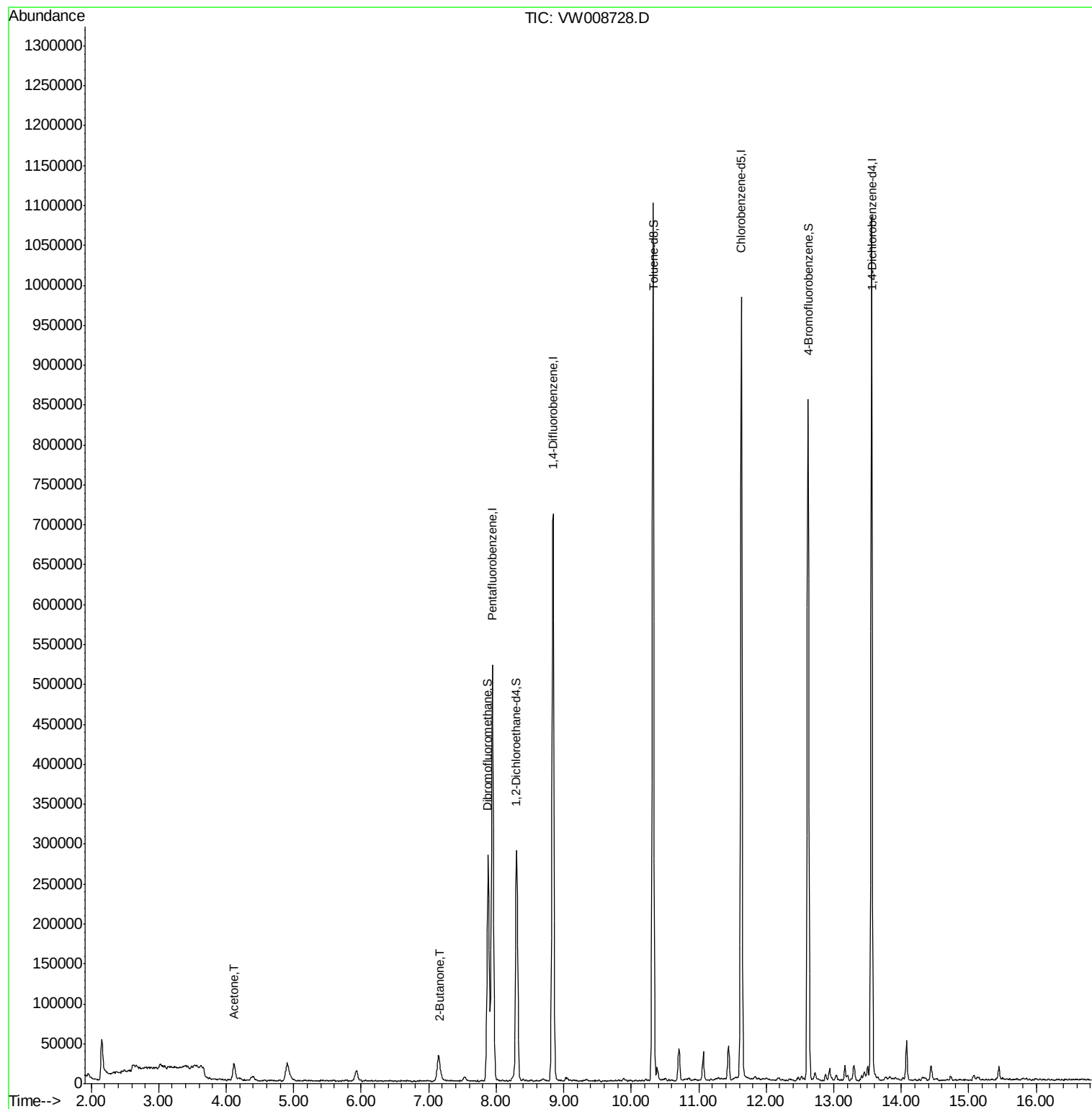
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	395601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	598513	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	533237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	267856	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	225538	54.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.68%	
35) Dibromofluoromethane	7.88	113	192661	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	10.32	98	707175	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.62	95	249676	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
Target Compounds						
16) Acetone	4.11	43	36720	39.235	ug/l	94
25) 2-Butanone	7.17	43	11174	8.455	ug/l	98

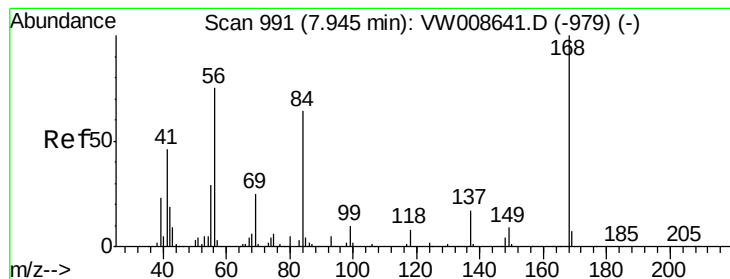
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008728.D

Acq: 18 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampled :

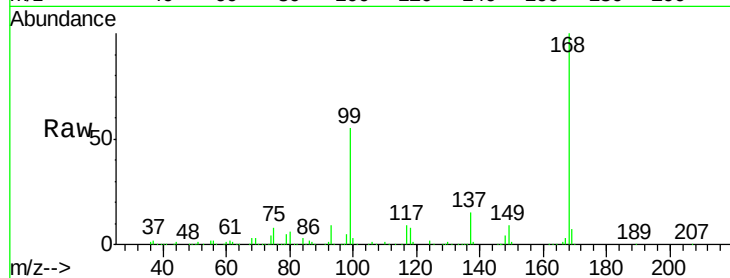
TS-10

Tot Ion:168 Resp: 395601

Ion Ratio Lower Upper

168 100

99 54.6 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

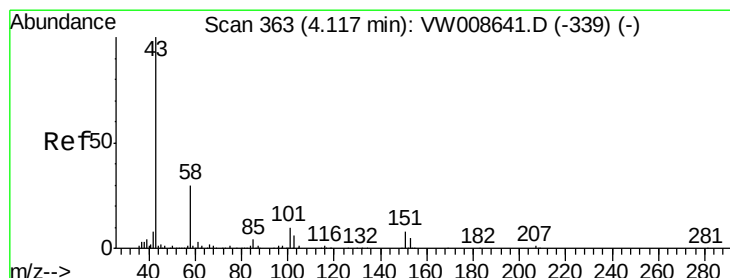
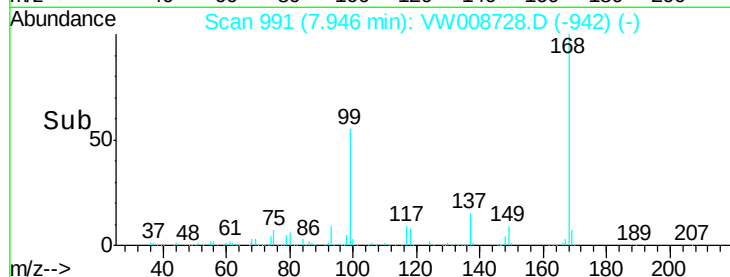
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 39.235 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW008728.D

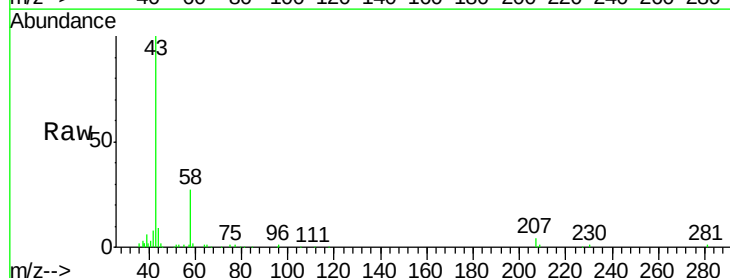
Acq: 18 Feb 2019 15:05

Tgt Ion: 43 Resp: 36720

Ion Ratio Lower Upper

43 100

58 27.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.11

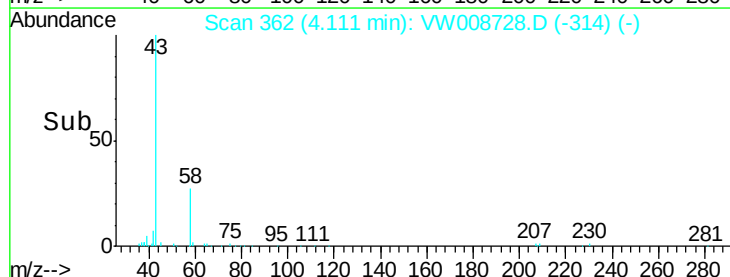
15000

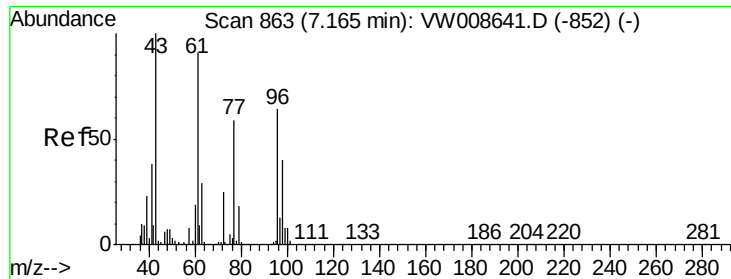
10000

5000

0

Time--> 4.00 4.05 4.10 4.15 4.20





#25

2-Butanone

Concen: 8.455 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008728.D

Acq: 18 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampled :

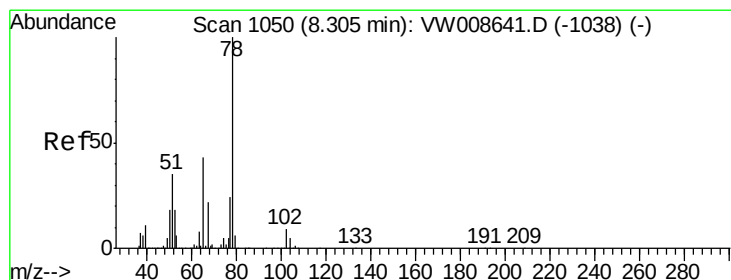
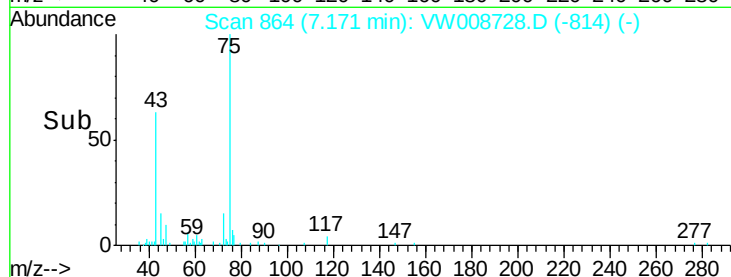
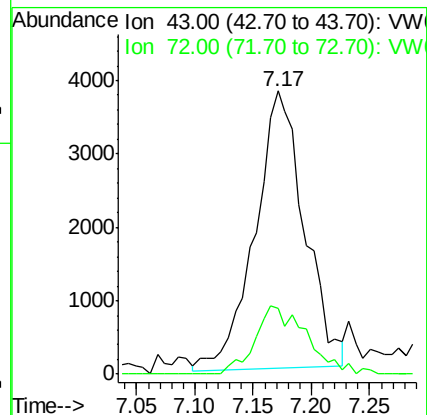
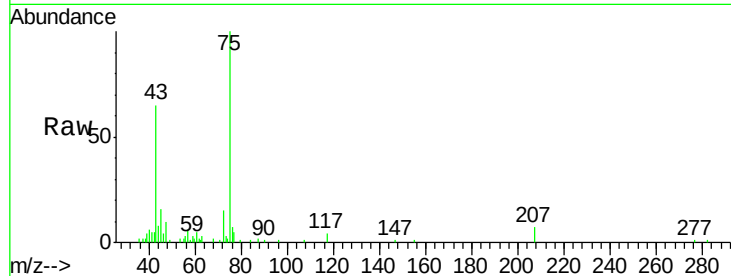
TS-10

Tot Ion: 43 Resp: 11174

Ion Ratio Lower Upper

43 100

72 23.8 19.7 29.5



#33

1,2-Dichloroethane-d4

Concen: 54.838 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW008728.D

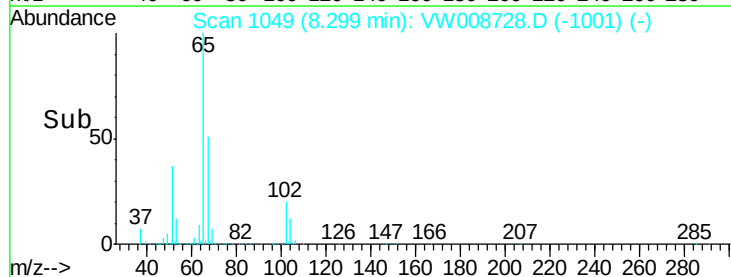
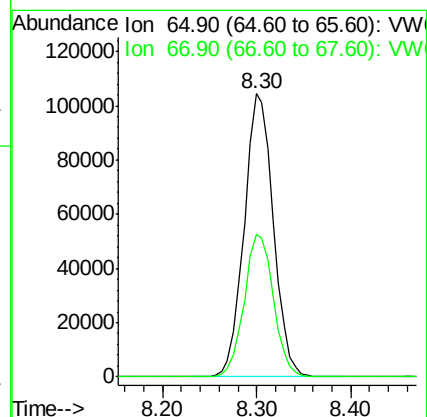
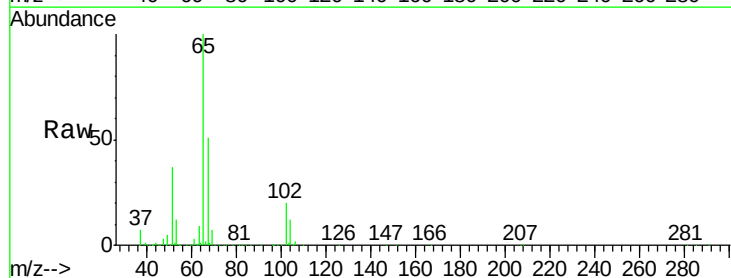
Acq: 18 Feb 2019 15:05

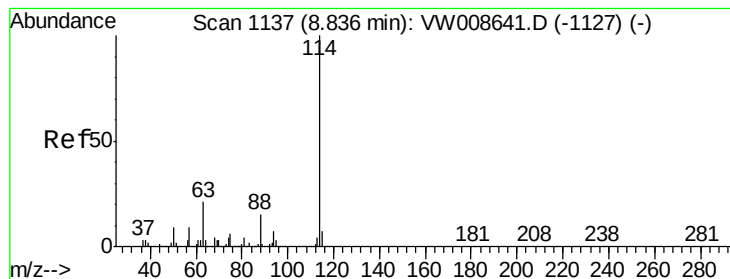
Tgt Ion: 65 Resp: 225538

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VW008728.D

Acq: 18 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

TS-10

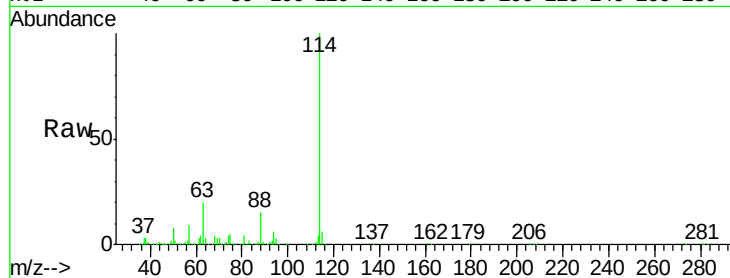
Tot Ion:114 Resp: 598513

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.2

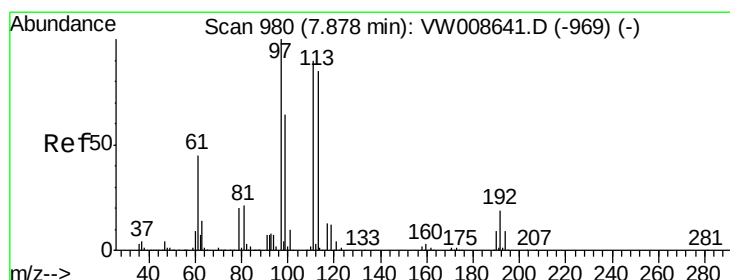
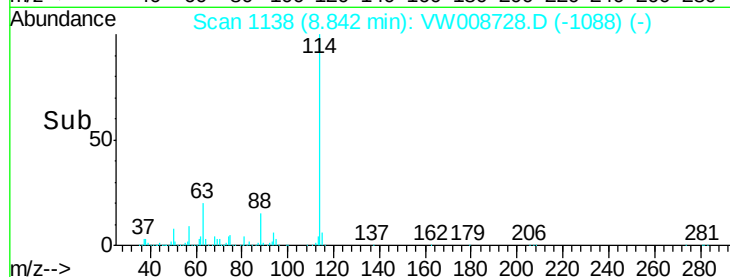
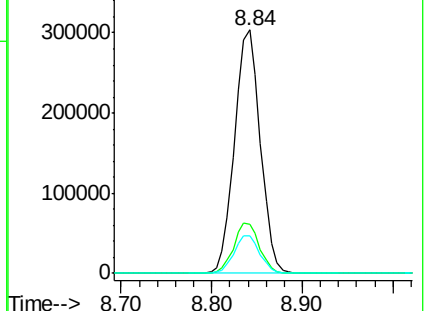
88 15.4 0.0 29.6



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: 51.841 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW008728.D

Acq: 18 Feb 2019 15:05

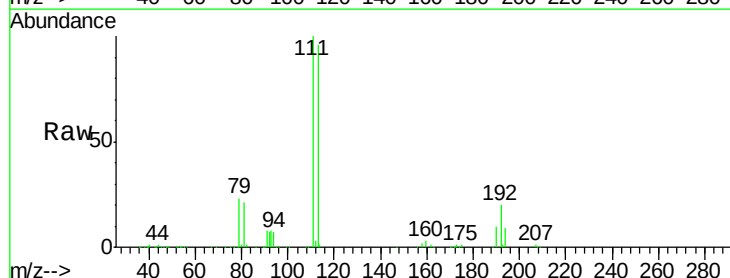
Tgt Ion:113 Resp: 192661

Ion Ratio Lower Upper

113 100

111 102.2 84.0 126.0

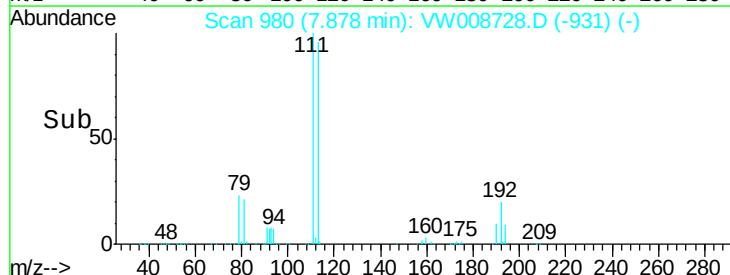
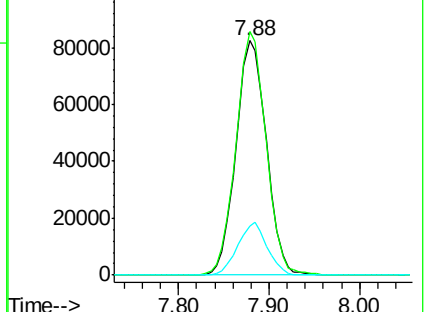
192 21.6 17.4 26.2

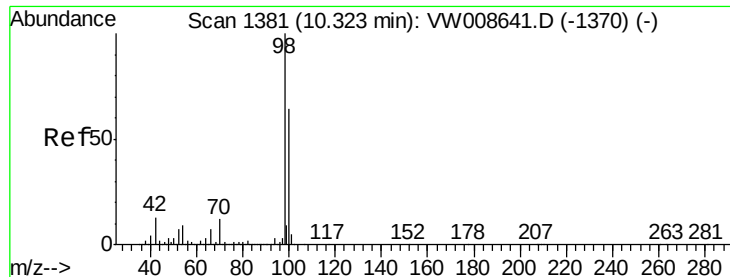


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.362 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008728.D

Acq: 18 Feb 2019 15:05

Instrument :

MSVOA_W

ClientSampleId :

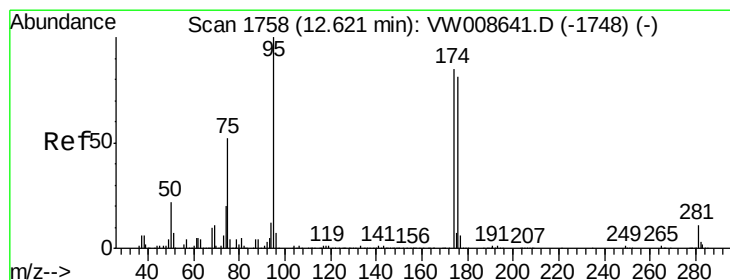
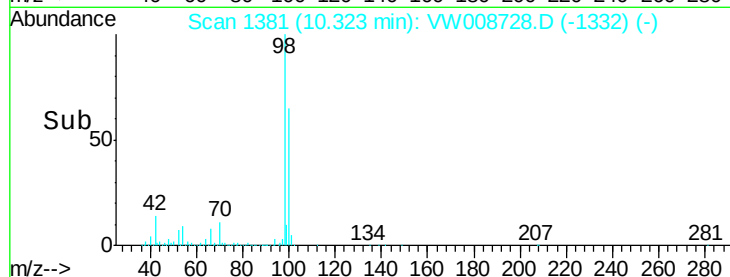
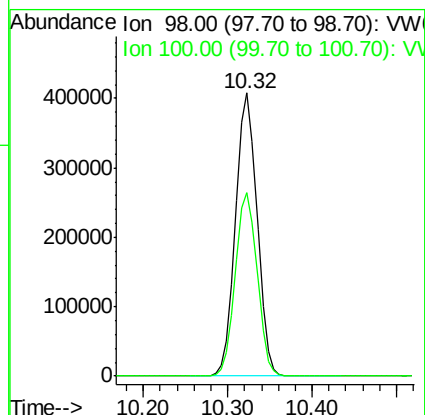
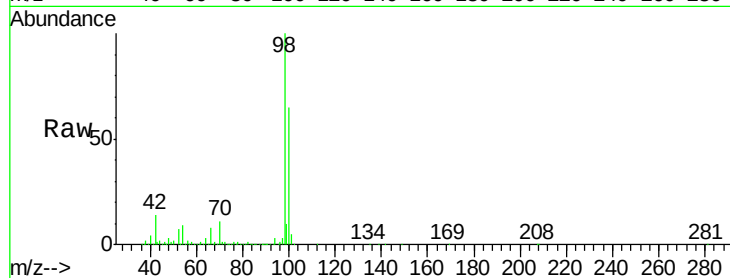
TS-10

Tot Ion: 98 Resp: 707175

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 46.269 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008728.D

Acq: 18 Feb 2019 15:05

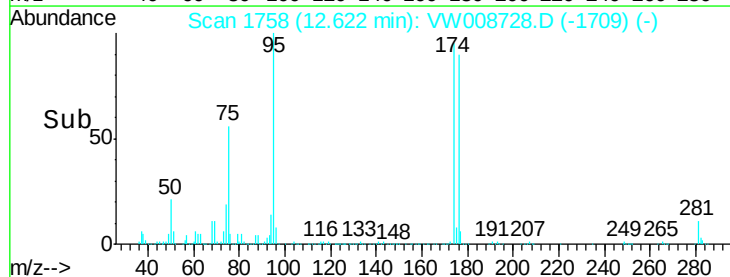
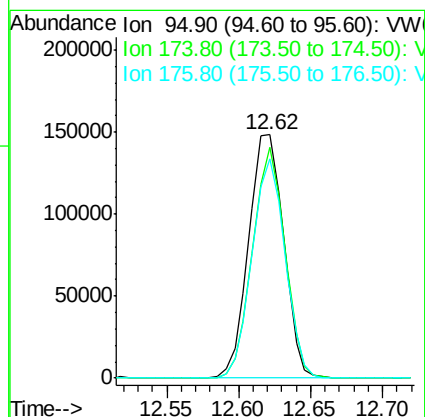
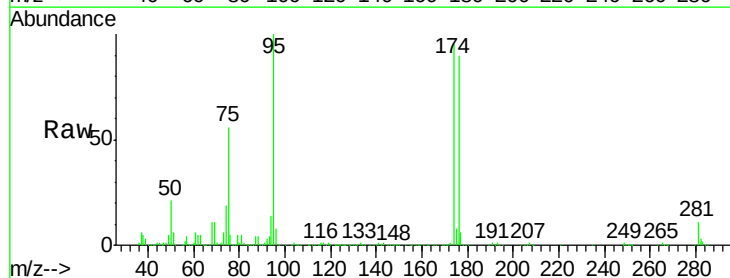
Tgt Ion: 95 Resp: 249676

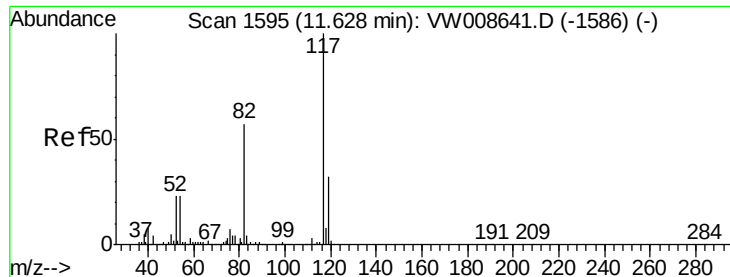
Ion Ratio Lower Upper

95 100

174 87.8 0.0 163.2

176 85.1 0.0 158.0

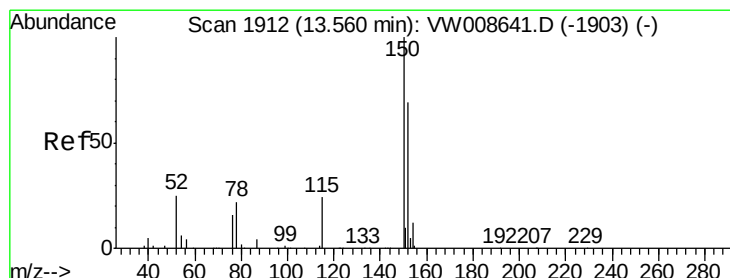
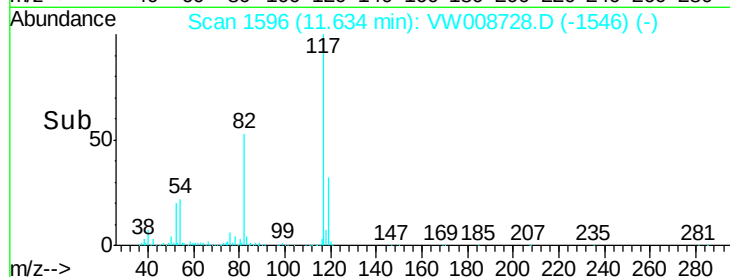
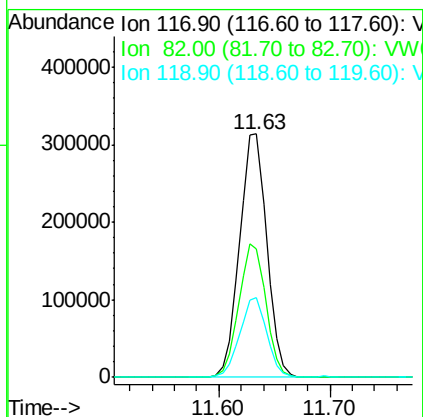
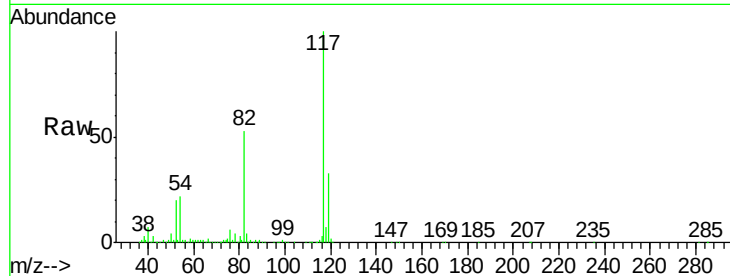




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008728.D
Acq: 18 Feb 2019 15:05

Instrument :
MSVOA_W
ClientSampleId :
TS-10

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	45.6	68.4
119	32.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008728.D
Acq: 18 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	87.8
150	156.3	0.0	352.8

