

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021519\
 Data File : VW008708.D
 Acq On : 16 Feb 2019 03:29
 Operator : SY/VA
 Sample : K1515-14
 Misc : 6.15G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TS-14

Quant Time: Feb 16 05:41:53 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

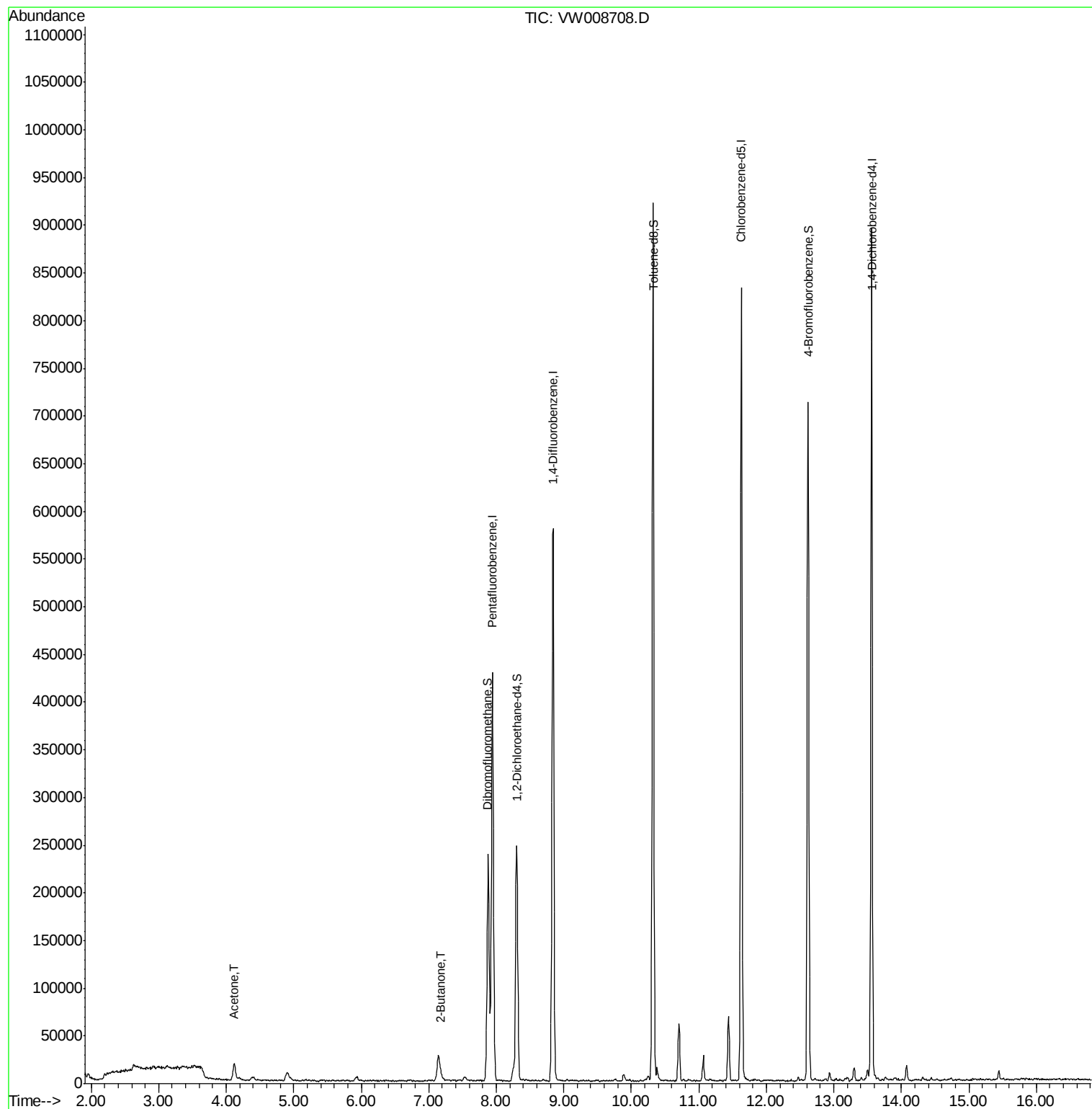
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	325602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	497276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	222311	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	186661	55.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.28%	
35) Dibromofluoromethane	7.88	113	158906	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
50) Toluene-d8	10.32	98	591927	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	12.62	95	213996	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
Target Compounds						
16) Acetone	4.12	43	29906	38.824	ug/l	92
25) 2-Butanone	7.18	43	9456	8.694	ug/l	95

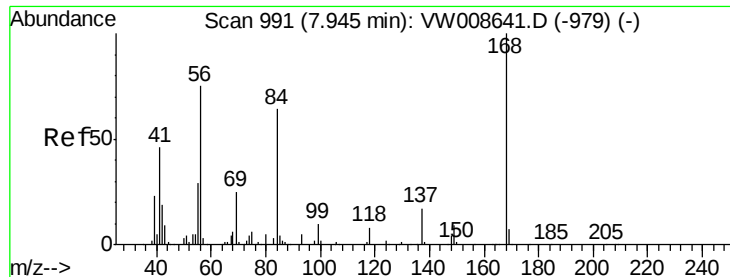
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008708.D

Acq: 16 Feb 2019 03:29

Instrument :

MSVOA_W

ClientSampleId :

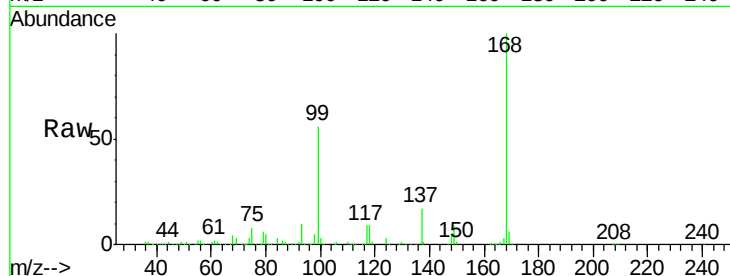
TS-14

Tot Ion:168 Resp: 325602

Ion Ratio Lower Upper

168 100

99 55.8 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

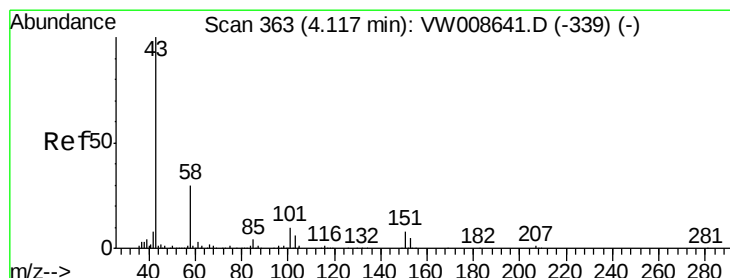
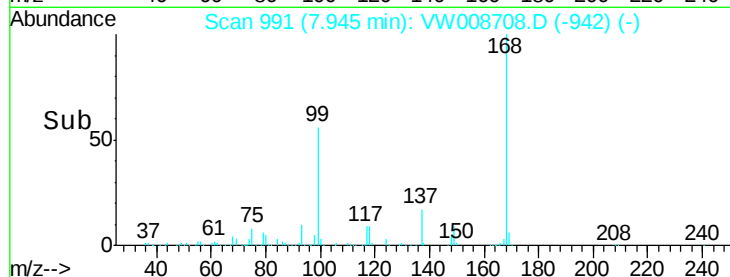
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 38.824 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008708.D

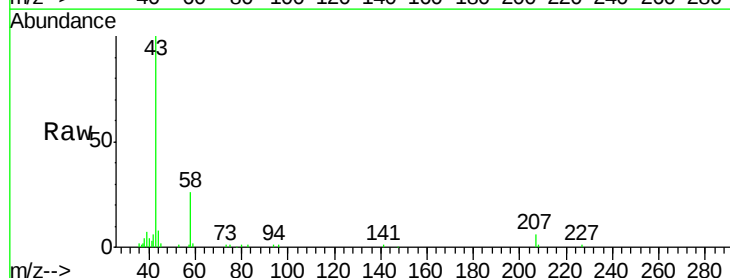
Acq: 16 Feb 2019 03:29

Tgt Ion: 43 Resp: 29906

Ion Ratio Lower Upper

43 100

58 26.0 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

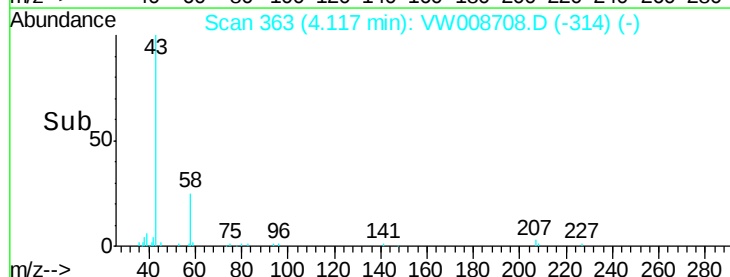
4.12

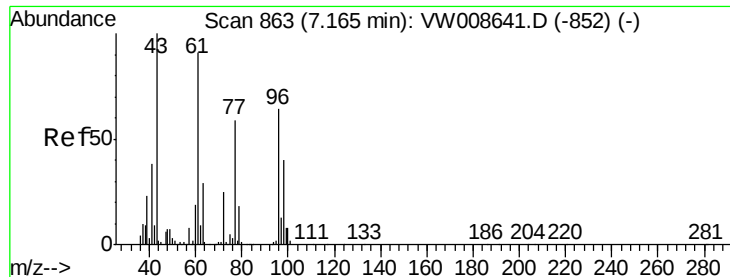
10000

5000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 8.694 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW008708.D

Acq: 16 Feb 2019 03:29

Instrument :

MSVOA_W

ClientSampled :

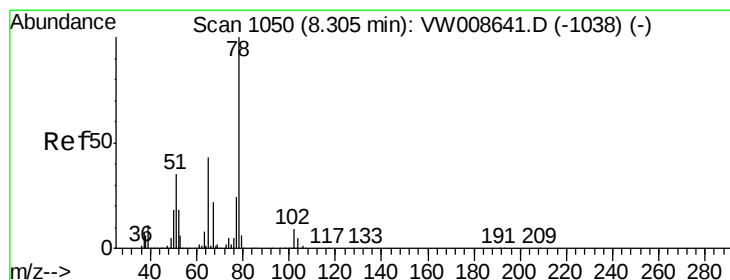
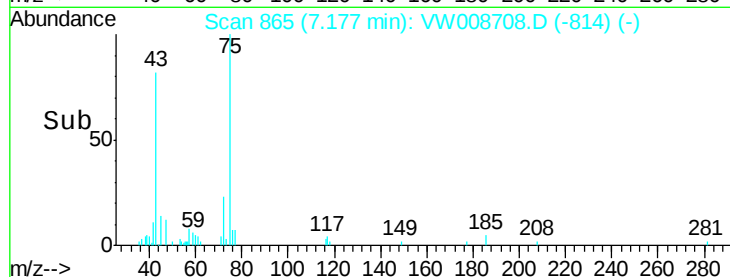
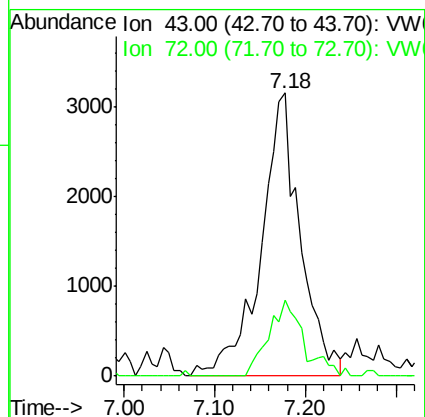
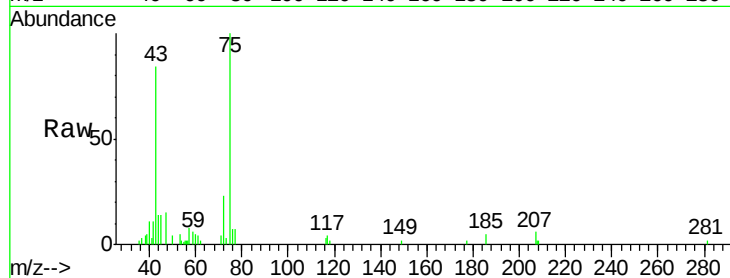
TS-14

Tot Ion: 43 Resp: 9456

Ion Ratio Lower Upper

43 100

72 27.1 19.7 29.5



#33

1,2-Dichloroethane-d4

Concen: 55.142 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008708.D

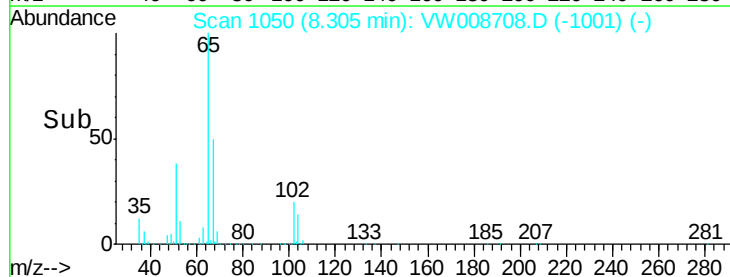
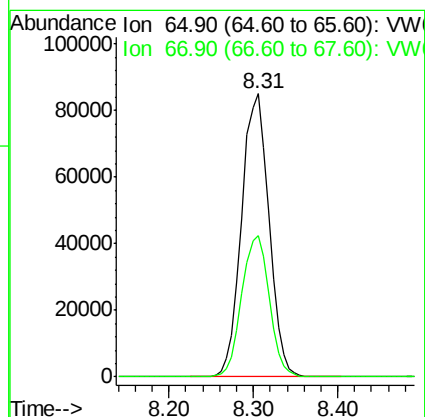
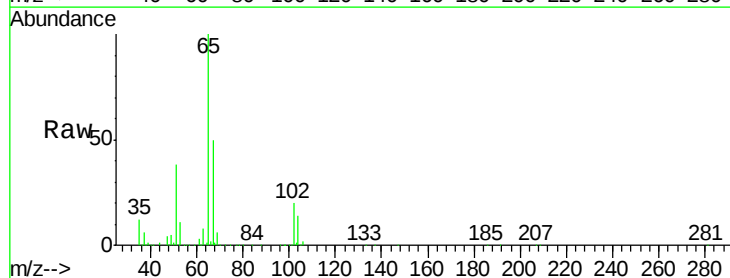
Acq: 16 Feb 2019 03:29

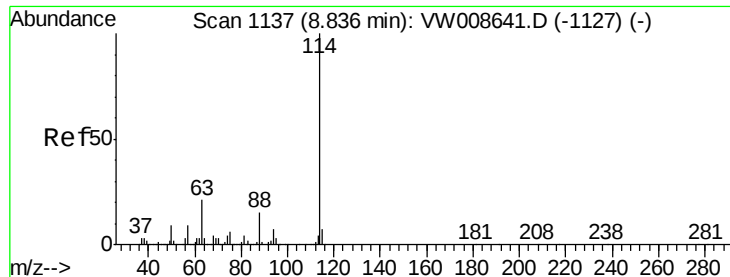
Tgt Ion: 65 Resp: 186661

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.0

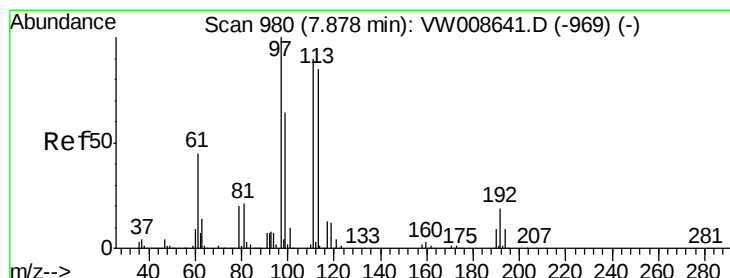
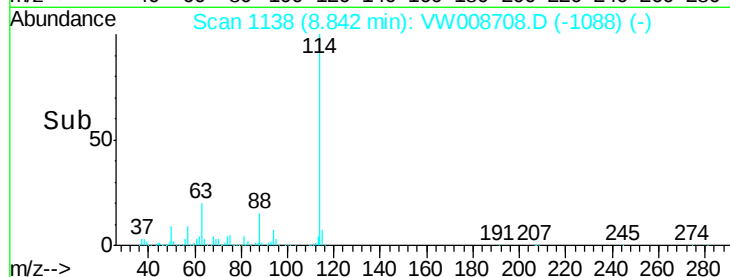
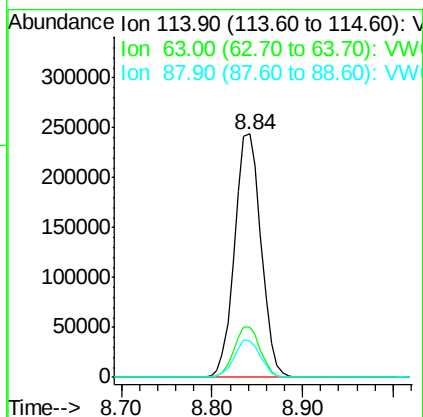
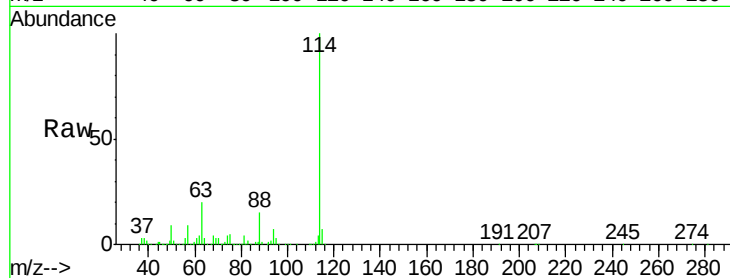




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VW008708.D
Acq: 16 Feb 2019 03:29

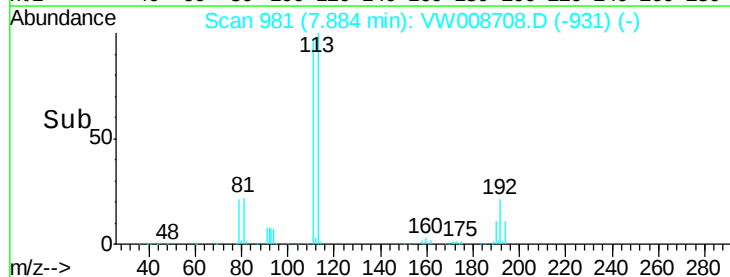
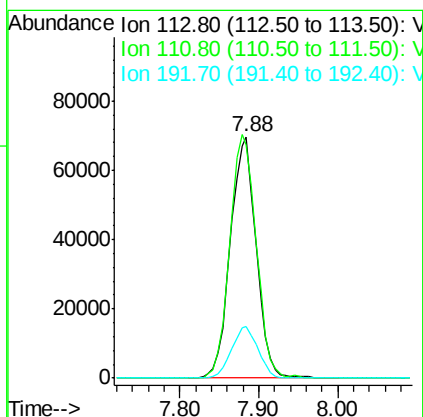
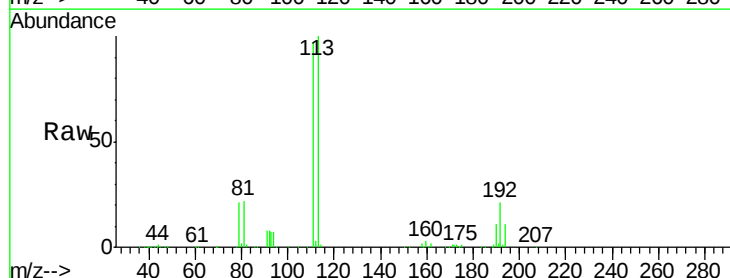
Instrument :
MSVOA_W
ClientSampled :
TS-14

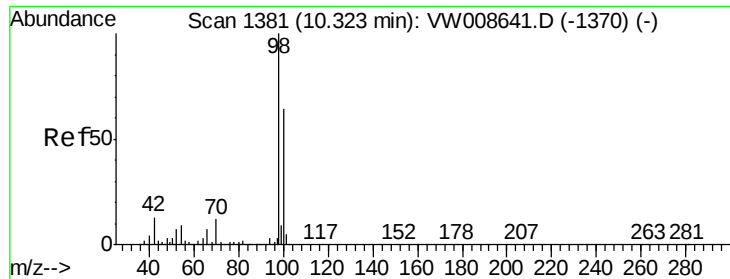
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.2
88	14.9	0.0	29.6



#35
Dibromofluoromethane
Concen: 51.463 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW008708.D
Acq: 16 Feb 2019 03:29

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	84.0	126.0
192	21.8	17.4	26.2





#50

Toluene-d8

Concen: 49.729 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008708.D

Acq: 16 Feb 2019 03:29

Instrument :

MSVOA_W

ClientSampleId :

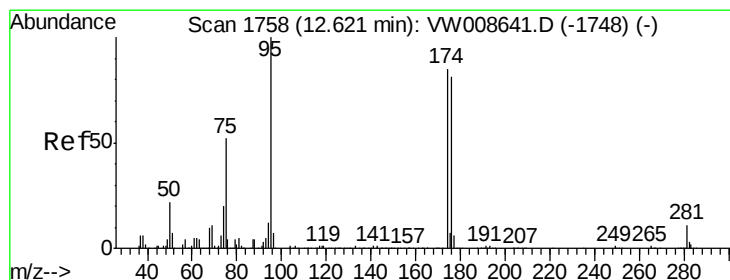
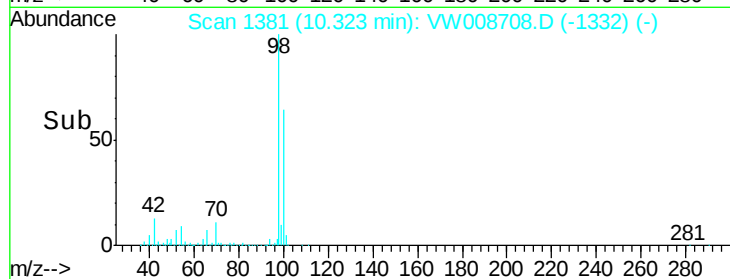
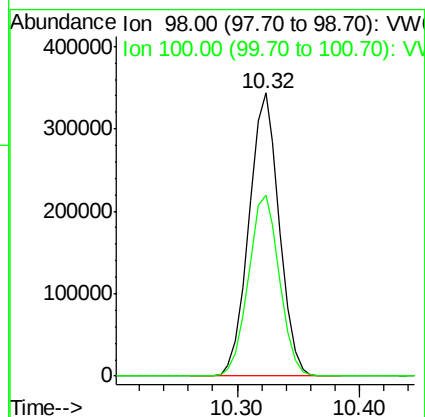
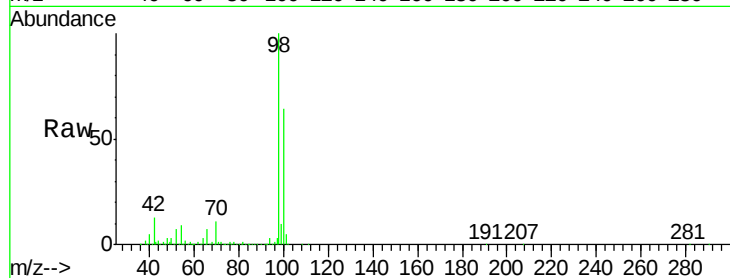
TS-14

Tot Ion: 98 Resp: 591927

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 47.730 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008708.D

Acq: 16 Feb 2019 03:29

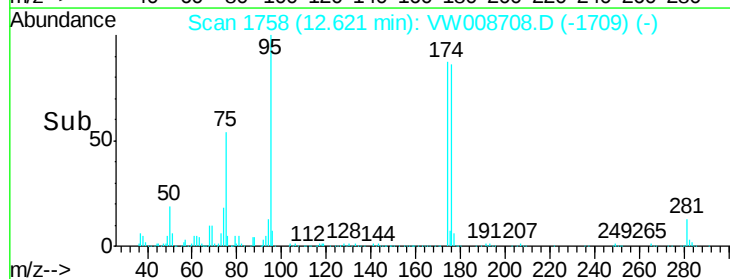
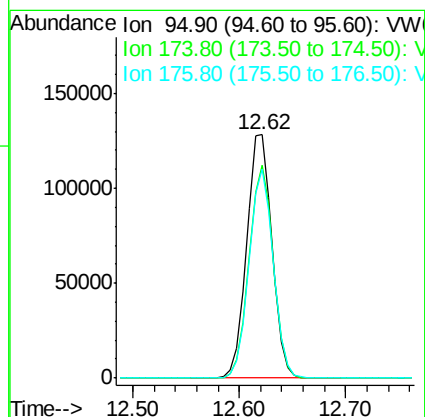
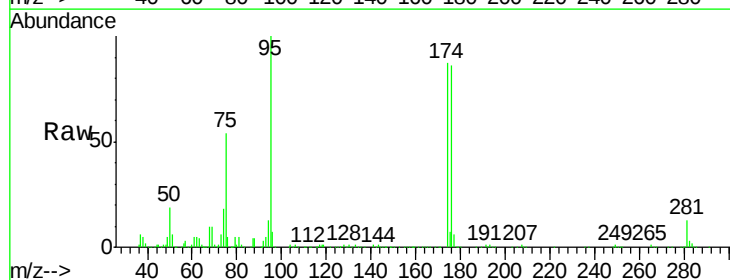
Tgt Ion: 95 Resp: 213996

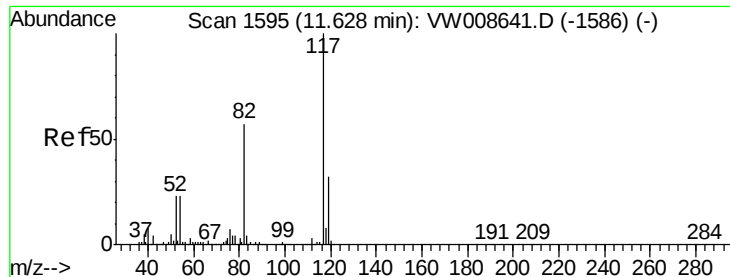
Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.2

176 82.1 0.0 158.0

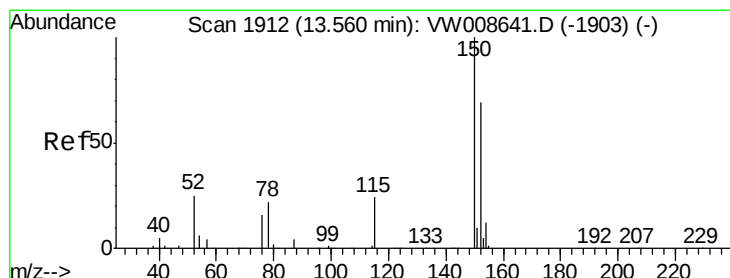
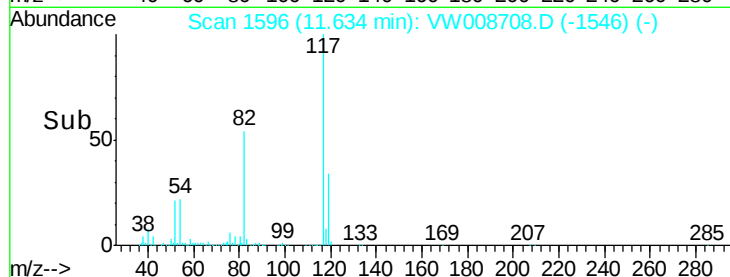
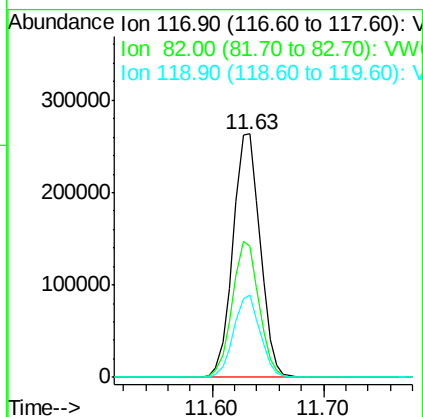
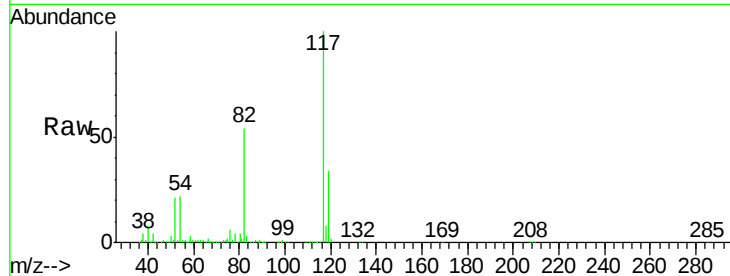




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW008708.D
Acq: 16 Feb 2019 03:29

Instrument :
MSVOA_W
ClientSampleId :
TS-14

Tot Ion:117 Resp: 445772
Ion Ratio Lower Upper
117 100
82 54.0 45.6 68.4
119 33.9 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: VW008708.D
Acq: 16 Feb 2019 03:29

Tgt Ion:152 Resp: 222311
Ion Ratio Lower Upper
152 100
115 56.5 29.3 87.8
150 158.1 0.0 352.8

