

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012235.D
 Acq On : 28 Aug 2019 05:25
 Operator : SY/VA
 Sample : K4472-07
 Misc : 4.12G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S4(0)

Quant Time: Aug 28 08:06:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

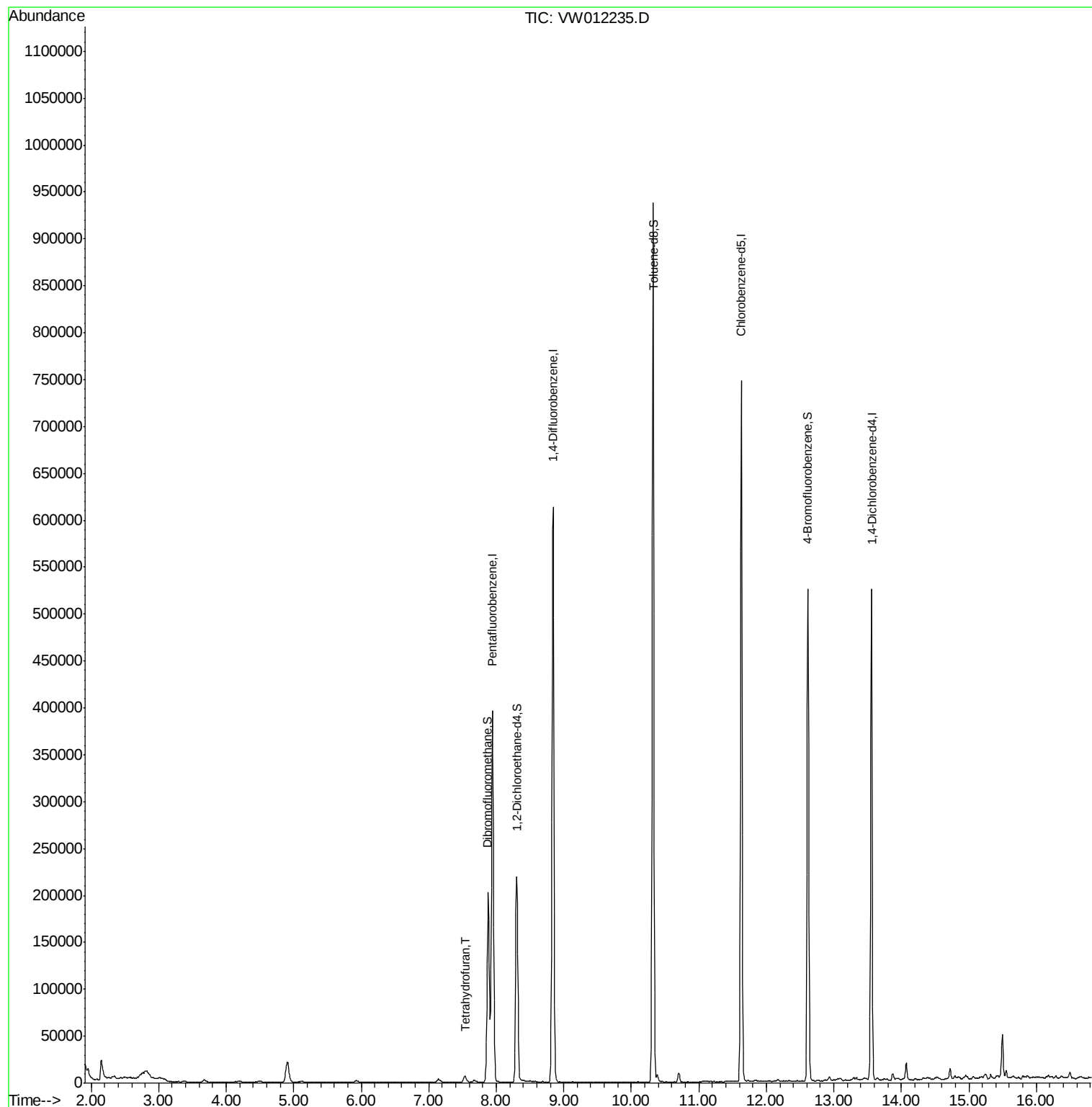
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	292653	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	484094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133496	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	180399	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	146079	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
50) Toluene-d8	10.32	98	592520	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.62	95	173927	42.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.22%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	6087	8.396	ug/l	Qvalue 98

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

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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012235.D

Acq: 28 Aug 2019 05:25

Instrument :

MSVOA_W

ClientSampleId :

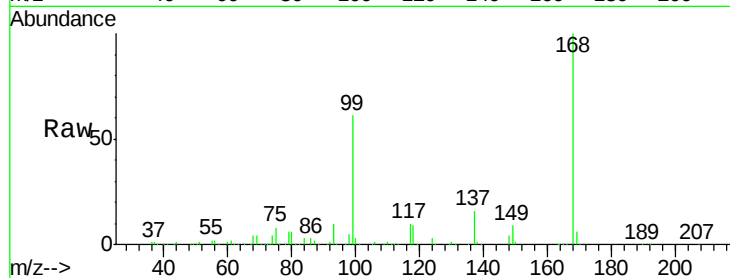
T1-S4(0)

Tot Ion:168 Resp: 292653

Ion Ratio Lower Upper

168 100

99 60.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

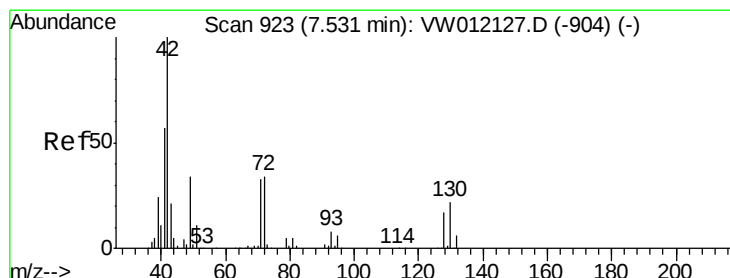
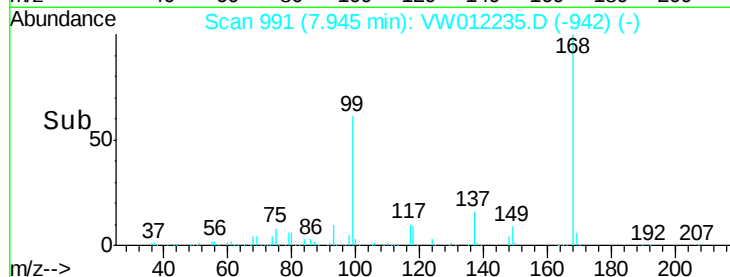
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 8.396 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012235.D

Acq: 28 Aug 2019 05:25

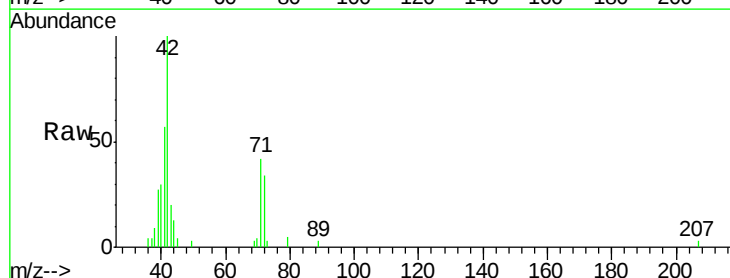
Tgt Ion: 42 Resp: 6087

Ion Ratio Lower Upper

42 100

72 33.5 27.3 40.9

71 33.2 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

7.54

2500

2000

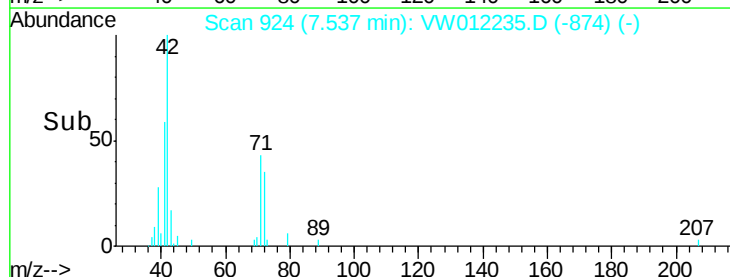
1500

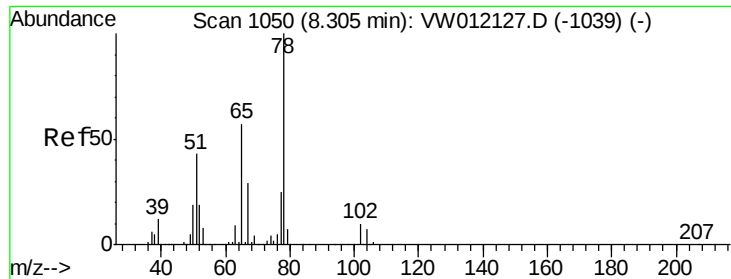
1000

500

0

Time--> 7.40 7.50 7.60 7.70





#33

1,2-Dichloroethane-d4

Concen: 51.855 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012235.D

Acq: 28 Aug 2019 05:25

Instrument :

MSVOA_W

ClientSampleId :

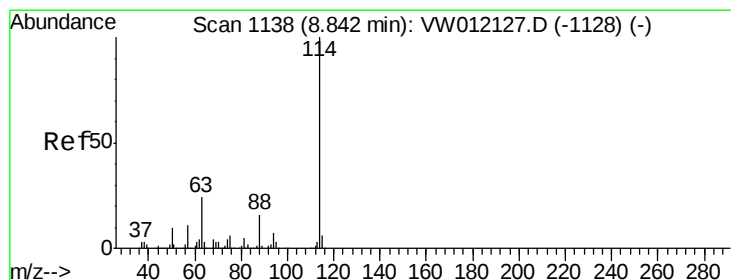
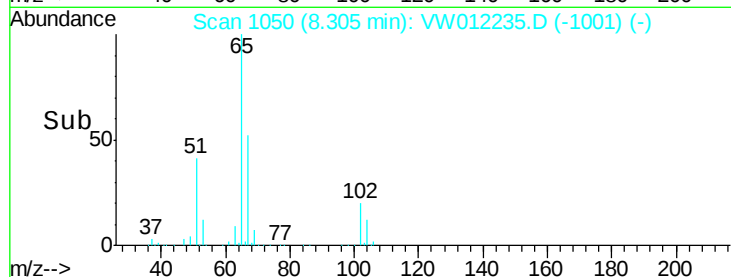
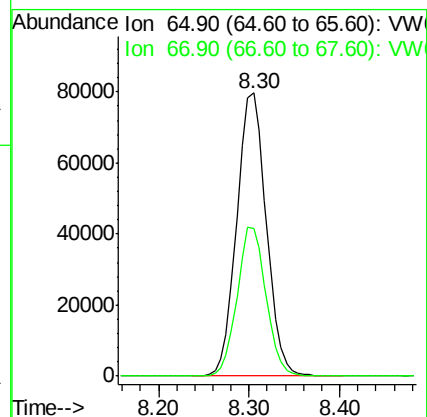
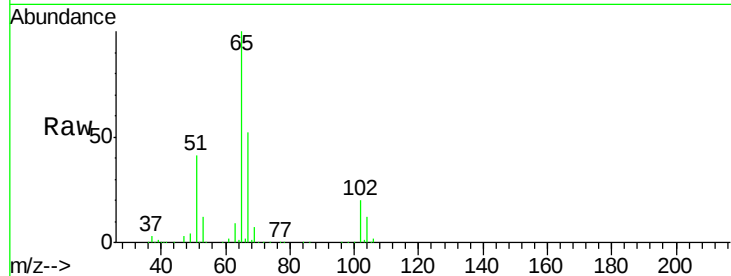
T1-S4(0)

Tot Ion: 65 Resp: 180399

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012235.D

Acq: 28 Aug 2019 05:25

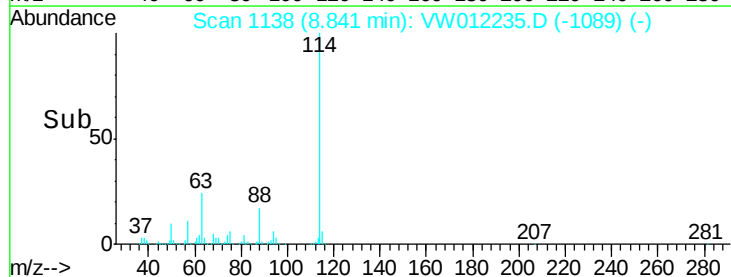
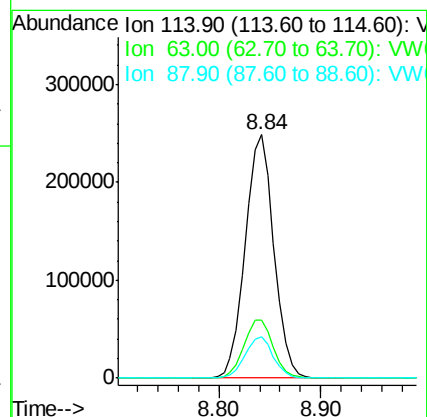
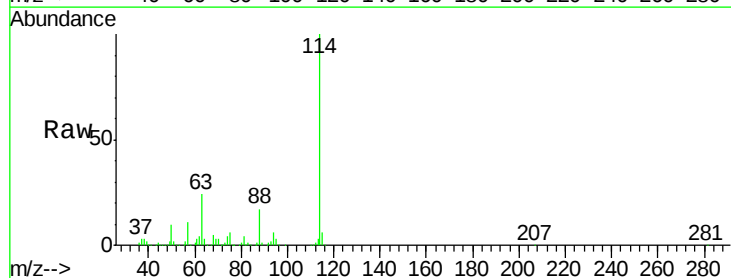
Tgt Ion: 114 Resp: 484094

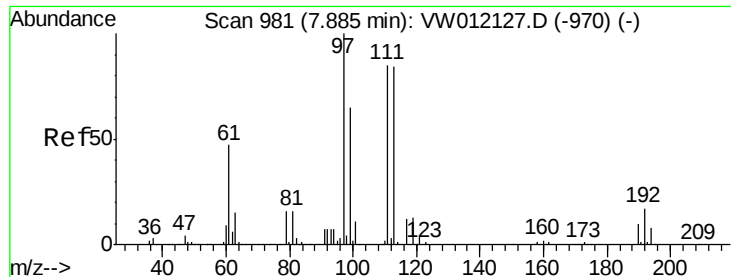
Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

88 17.0 0.0 32.2

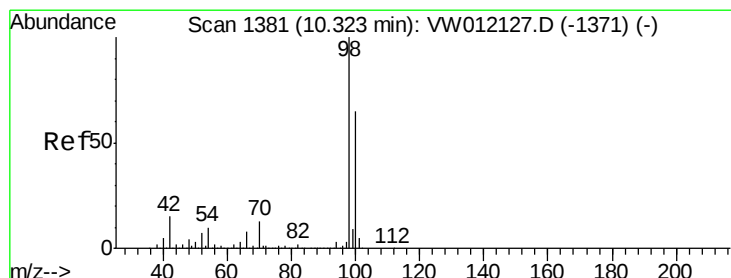
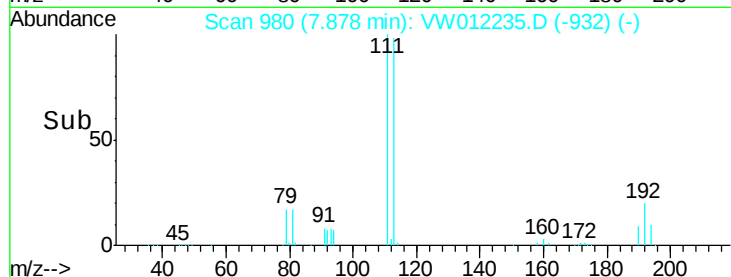
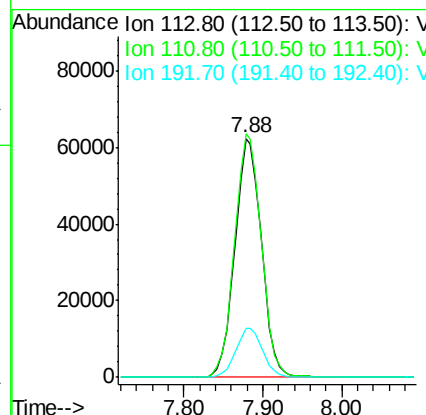
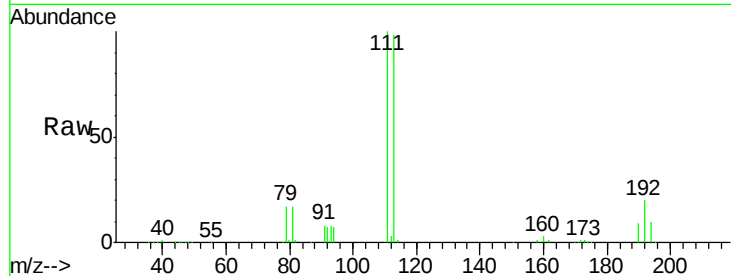




#35
 Dibromofluoromethane
 Concen: 50.554 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012235.D
 Acq: 28 Aug 2019 05:25

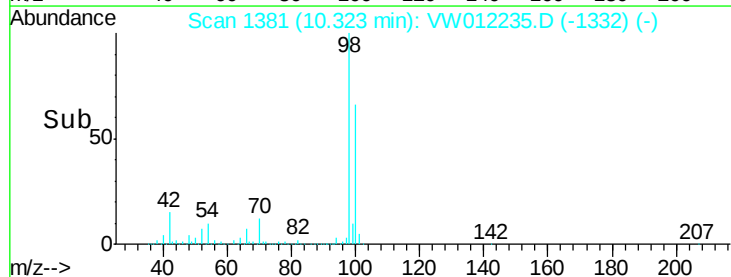
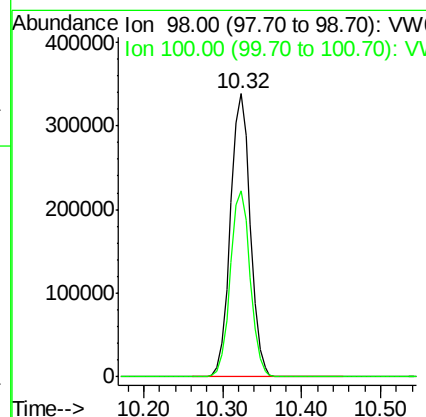
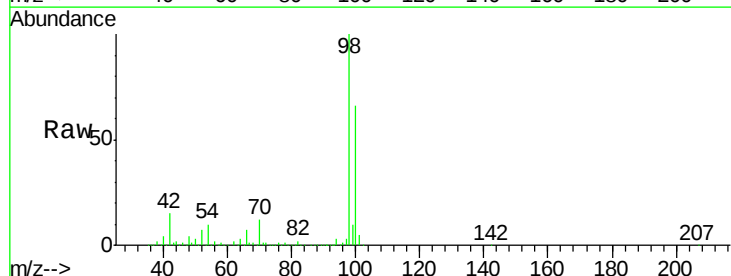
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S4(0)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.7	124.1
192	20.7	16.2	24.2



#50
 Toluene-d8
 Concen: 50.572 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012235.D
 Acq: 28 Aug 2019 05:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6

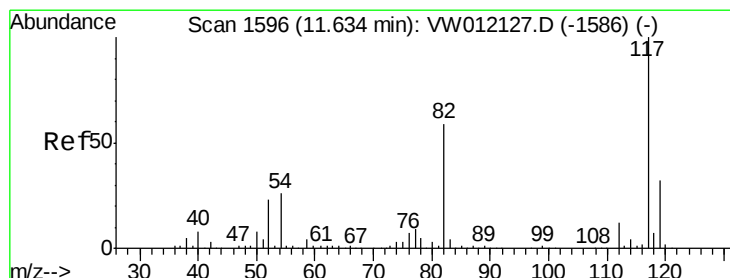
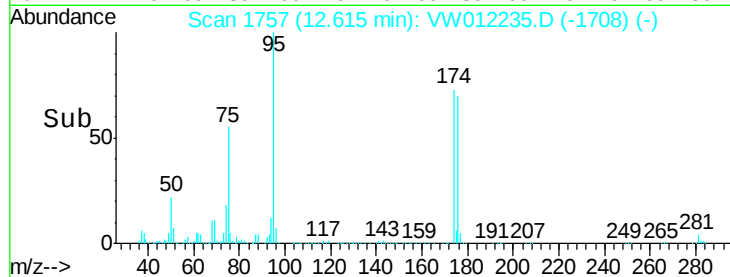
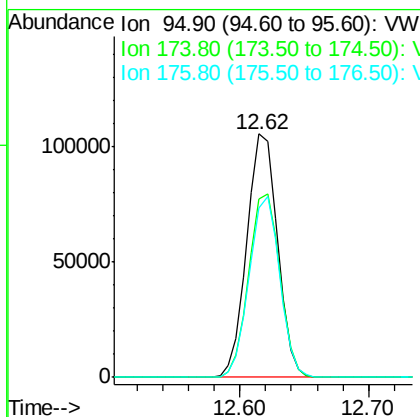
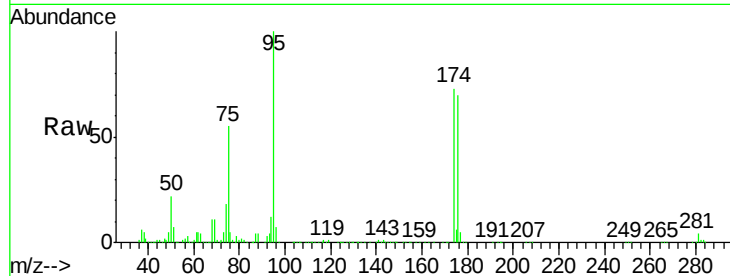




#62
4-Bromofluorobenzene
Concen: 42.113 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012235.D
Acq: 28 Aug 2019 05:25

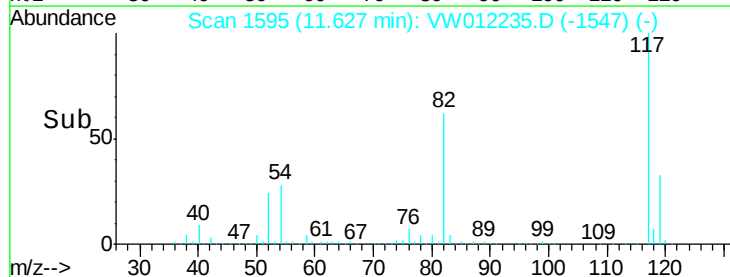
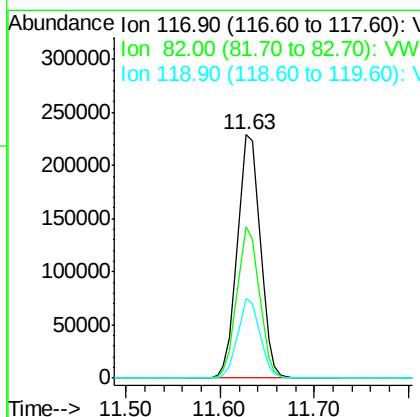
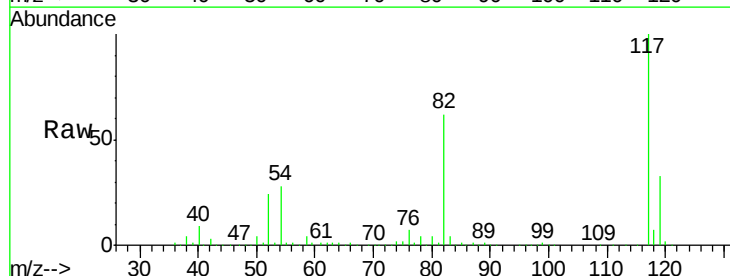
Instrument :
MSVOA_W
ClientSampled :
T1-S4(0)

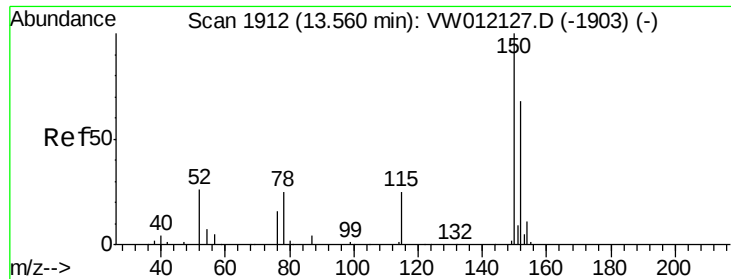
Tot Ion	95	Resp	173927
Ion Ratio	Lower	Upper	
95	100		
174	76.2	0.0	150.8
176	73.5	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012235.D
Acq: 28 Aug 2019 05:25

Tgt Ion	117	Resp	390317
Ion Ratio	Lower	Upper	
117	100		
82	62.1	47.4	71.2
119	32.6	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012235.D

Acq: 28 Aug 2019 05:25

Instrument :

MSVOA_W

ClientSampleId :

T1-S4(0)

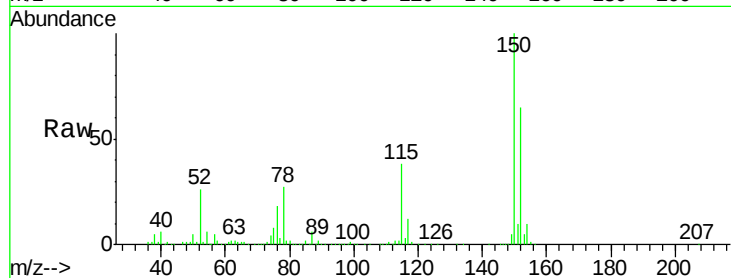
Tot Ion:152 Resp: 133496

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.3

150 156.4 0.0 345.8



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

