

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012239.D
 Acq On : 28 Aug 2019 07:08
 Operator : SY/VA
 Sample : K4472-11
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S3(0)

Quant Time: Aug 28 08:20:19 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

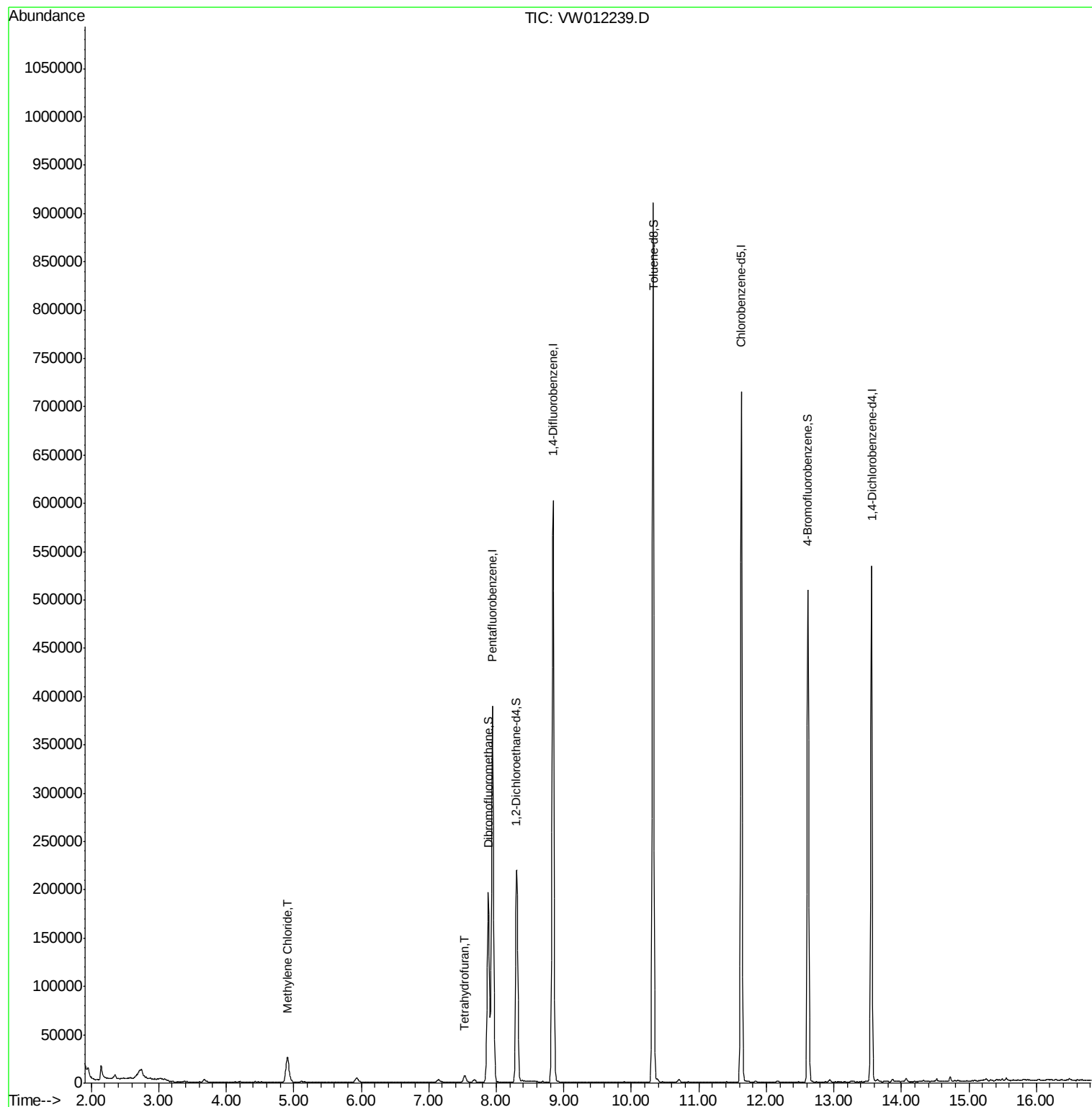
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	474565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	176755	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
35) Dibromofluoromethane	7.88	113	142833	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
50) Toluene-d8	10.32	98	571679	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.62	95	171908	42.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.92%	
Target Compounds						
20) Methylene Chloride	4.91	84	18713	5.653	ug/l	99
29) Tetrahydrofuran	7.52	42	6289	8.809	ug/l	95

(#) = 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: VW012239.D

Acq: 28 Aug 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

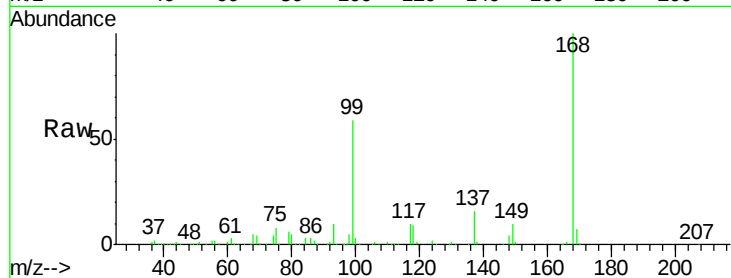
T2-S3(0)

Tot Ion:168 Resp: 288182

Ion Ratio Lower Upper

168 100

99 58.7 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

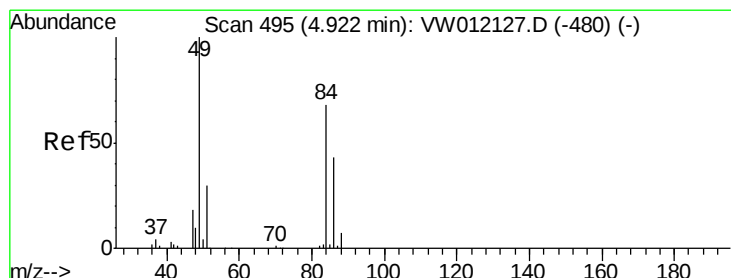
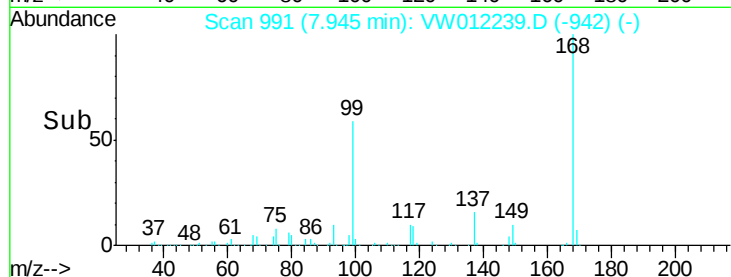
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#20

Methylene Chloride

Concen: 5.653 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012239.D

Acq: 28 Aug 2019 07:08

Tgt Ion: 84 Resp: 18713

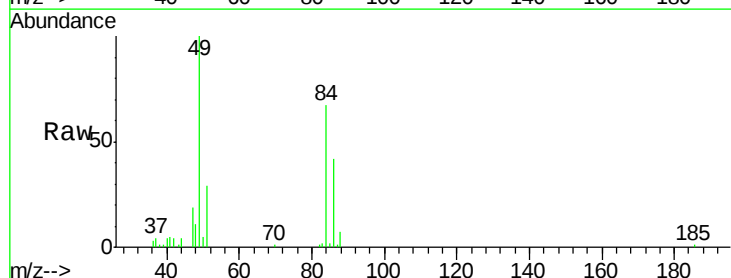
Ion Ratio Lower Upper

84 100

49 148.3 117.8 176.8

51 42.4 35.6 53.4

86 62.9 51.2 76.8



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

12000

10000

8000

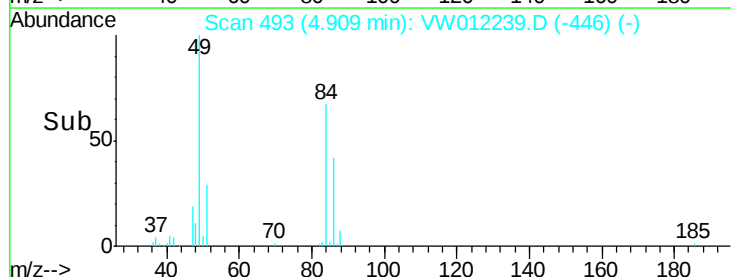
6000

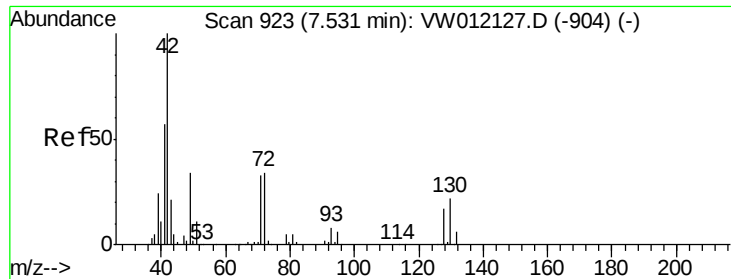
4000

2000

0

Time--> 4.80 4.90 5.00

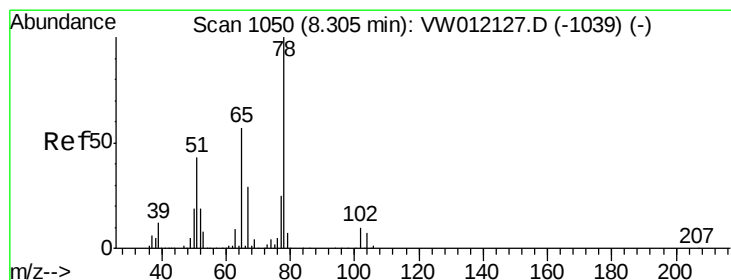
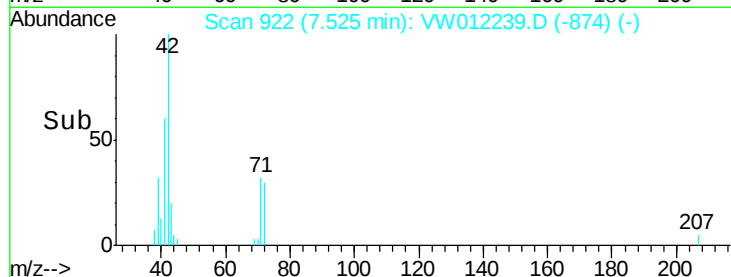
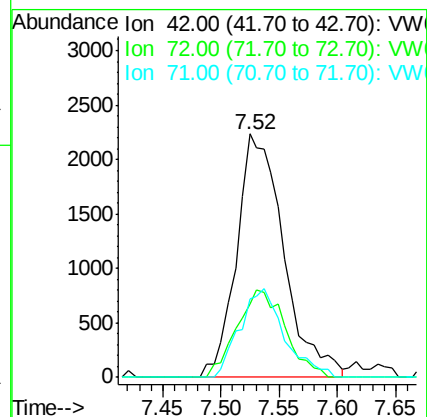
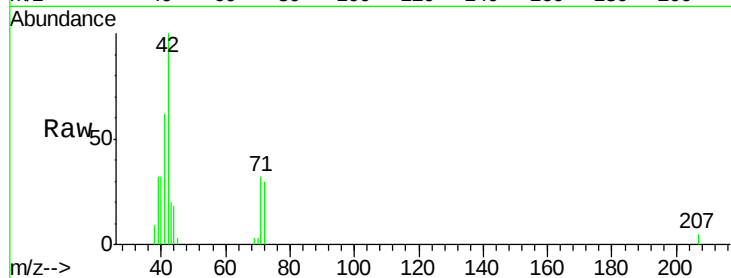




#29
Tetrahydrofuran
Concen: 8.809 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012239.D
Acq: 28 Aug 2019 07:08

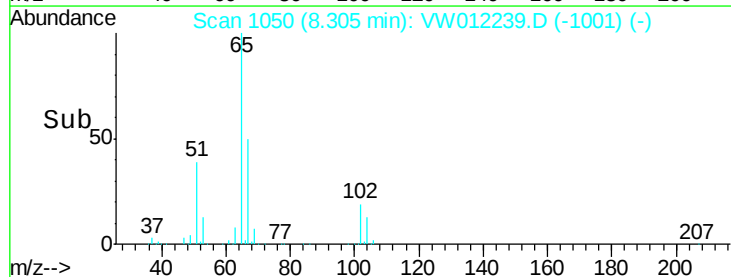
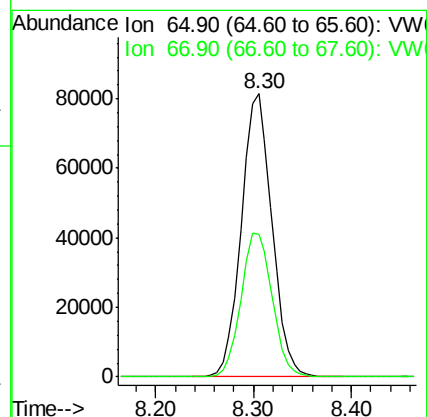
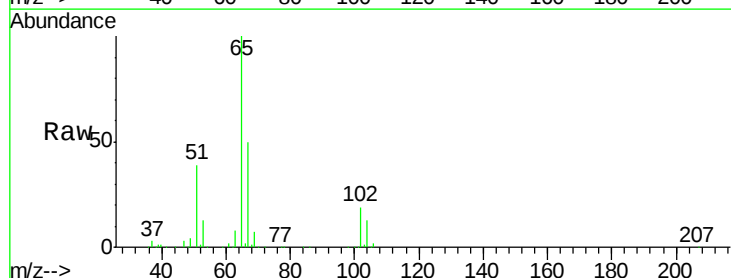
Instrument :
MSVOA_W
ClientSampled :
T2-S3(0)

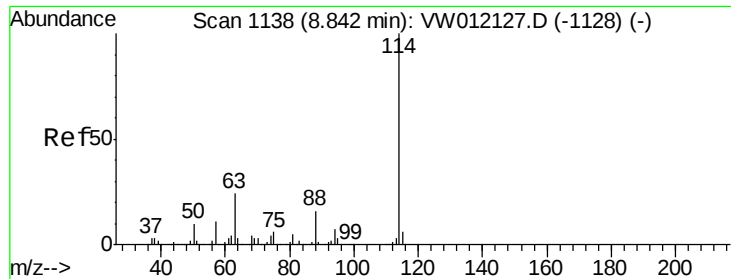
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.0	27.3	40.9
71	34.3	25.5	38.3



#33
1,2-Dichloroethane-d4
Concen: 51.596 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012239.D
Acq: 28 Aug 2019 07:08

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6

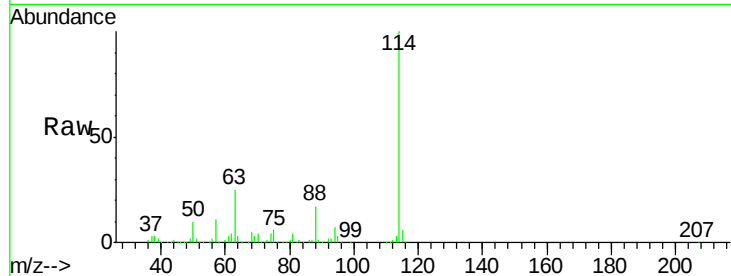




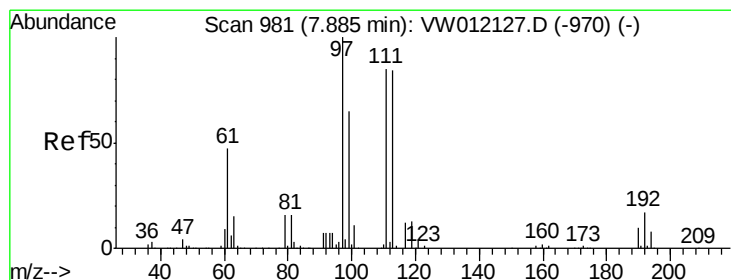
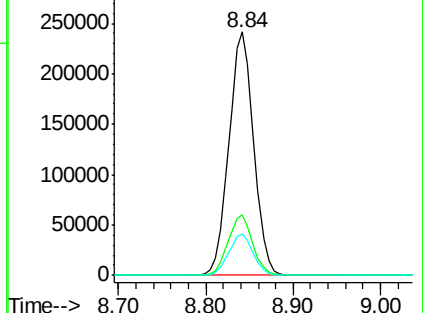
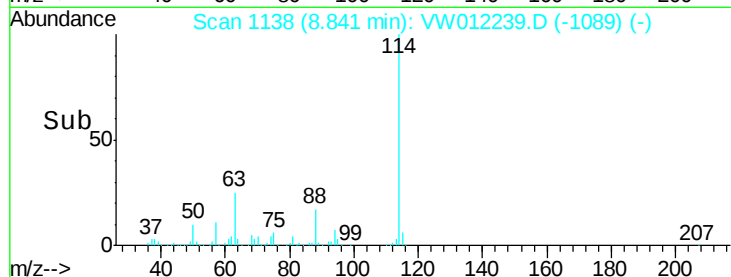
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012239.D
 Acq: 28 Aug 2019 07:08

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-S3(0)

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	48.6
88	16.8	0.0	32.2

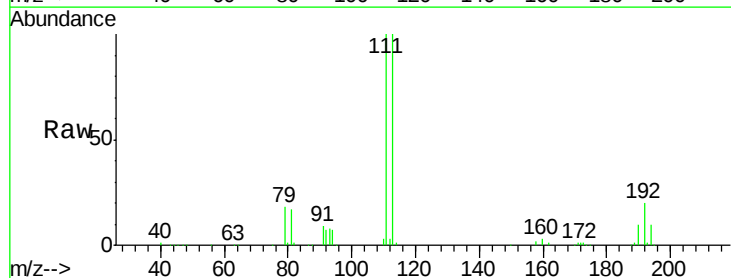


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

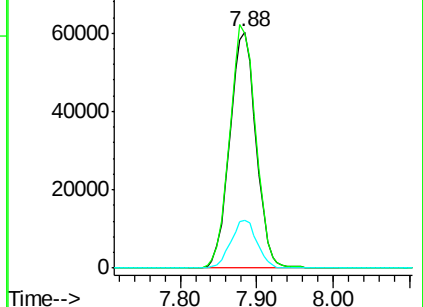
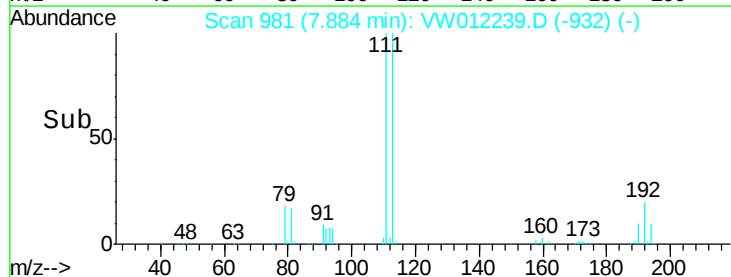


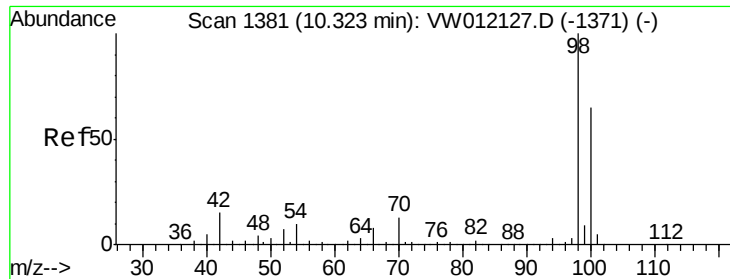
#35
 Dibromofluoromethane
 Concen: 50.423 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012239.D
 Acq: 28 Aug 2019 07:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.7	124.1
192	20.3	16.2	24.2



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: 49.773 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012239.D

Acq: 28 Aug 2019 07:08

Instrument :

MSVOA_W

ClientSampleId :

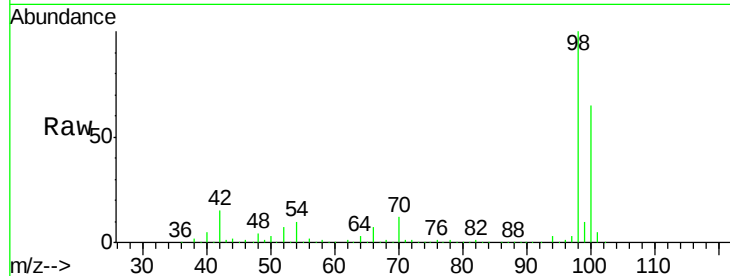
T2-S3(0)

Tot Ion: 98 Resp: 571679

Ion Ratio Lower Upper

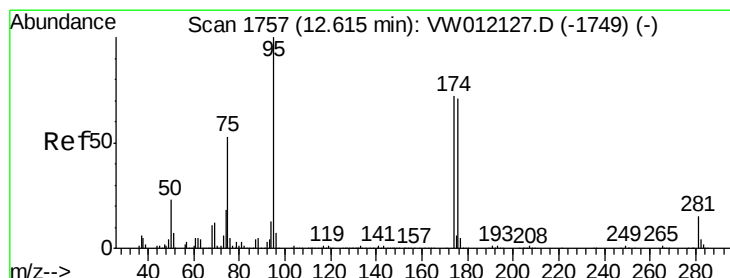
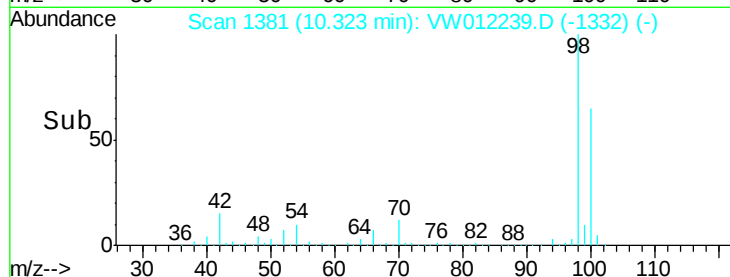
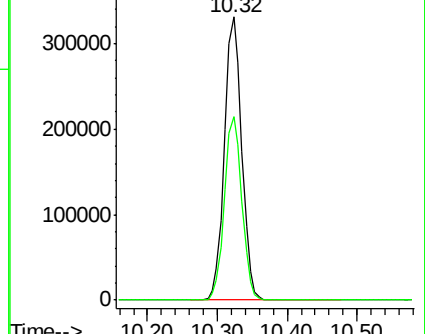
98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 42.460 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012239.D

Acq: 28 Aug 2019 07:08

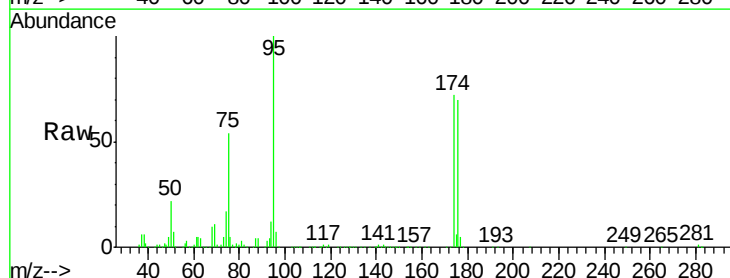
Tgt Ion: 95 Resp: 171908

Ion Ratio Lower Upper

95 100

174 74.9 0.0 150.8

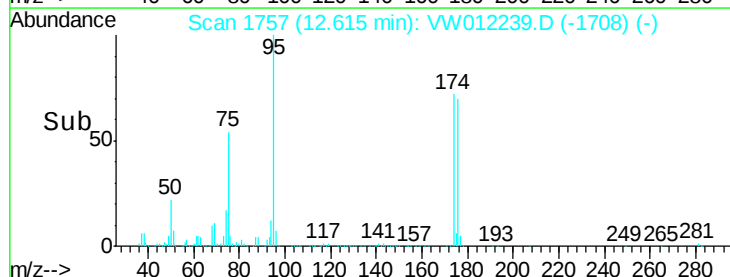
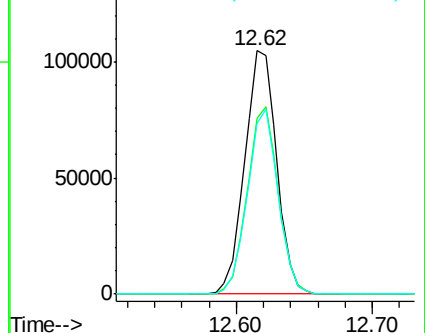
176 73.4 0.0 148.6

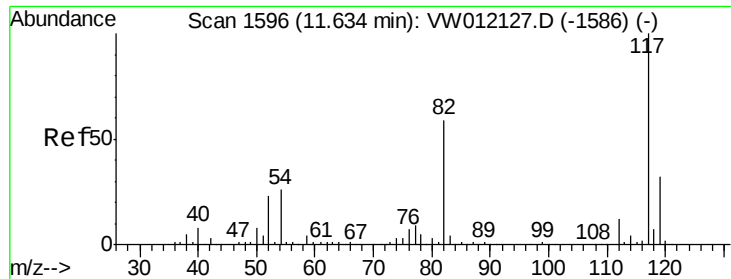


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

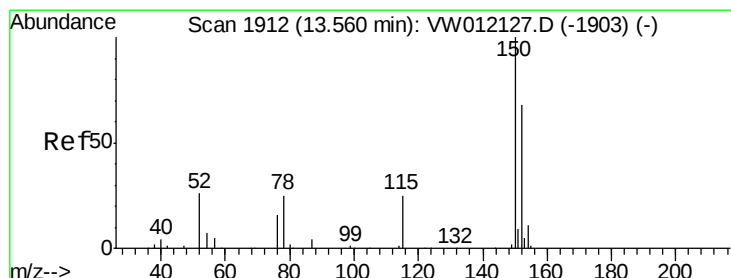
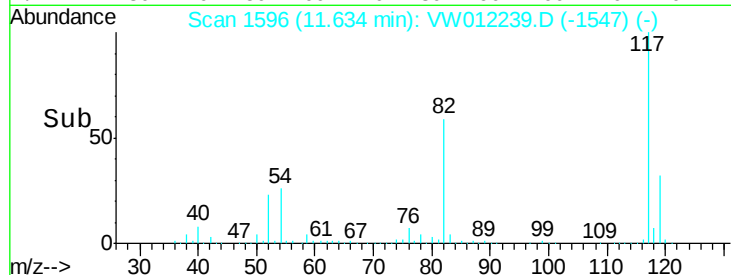
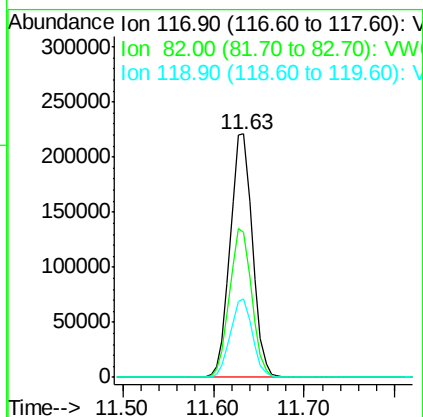
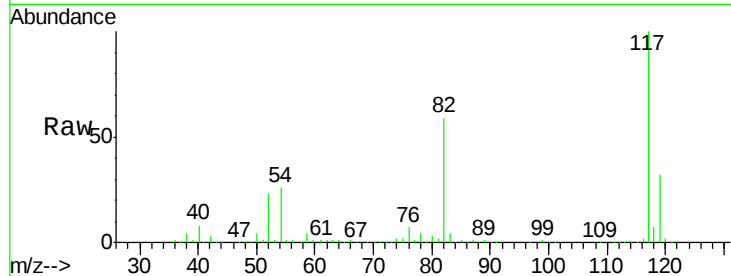




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012239.D
Acq: 28 Aug 2019 07:08

Instrument :
MSVOA_W
ClientSampleId :
T2-S3(0)

Tot Ion:117 Resp: 378223
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 32.1 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: VW012239.D
Acq: 28 Aug 2019 07:08

Tgt Ion:152 Resp: 133512
Ion Ratio Lower Upper
152 100
115 61.1 30.1 90.3
150 157.9 0.0 345.8

