

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091119\
 Data File : VW012924.D
 Acq On : 11 Sep 2019 18:57
 Operator : SY/VA
 Sample : K4680-10
 Misc : 6.99G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T2-3-(4)

Quant Time: Sep 12 08:28:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

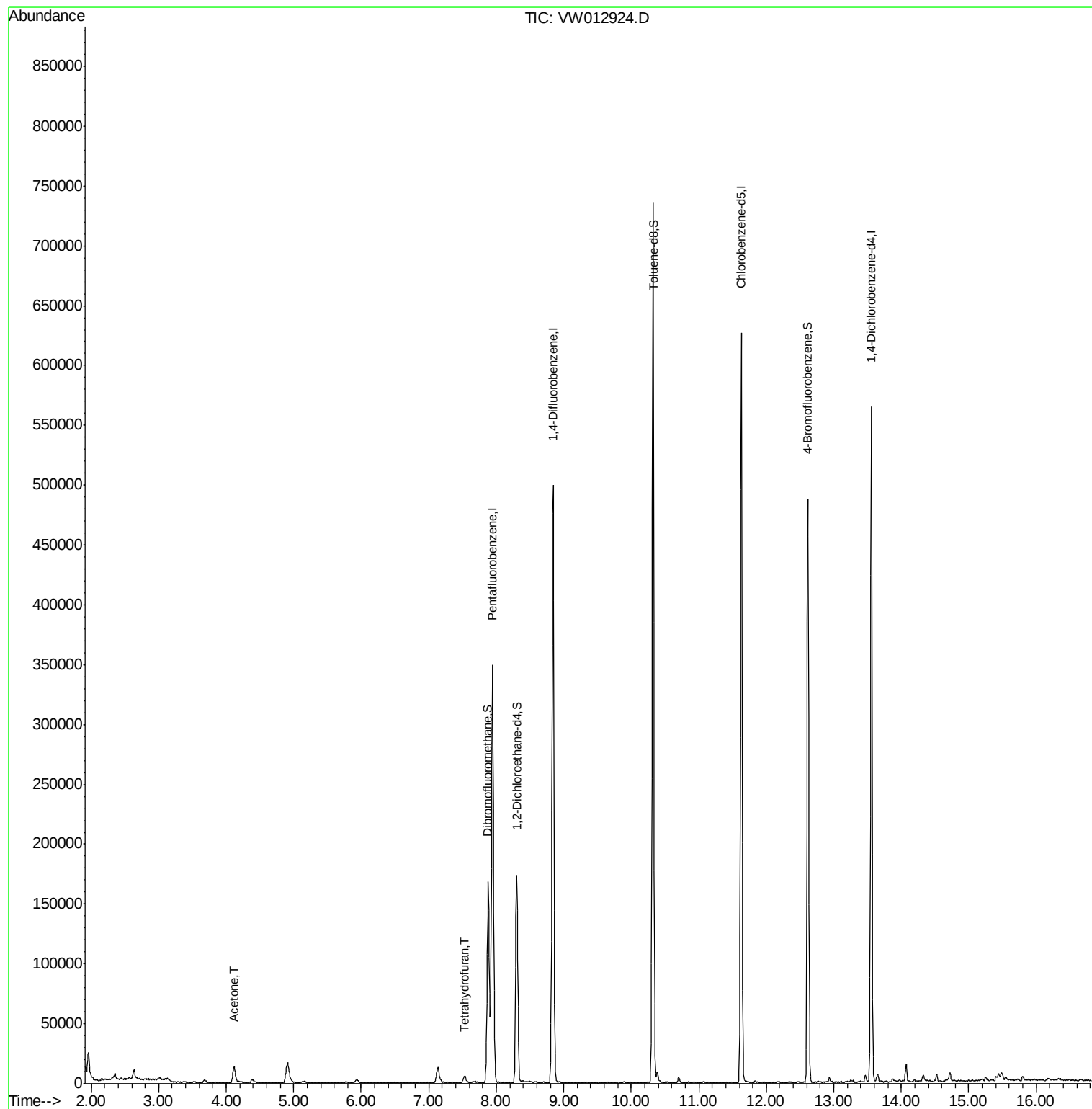
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	267042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	407516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	343093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	148813	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141563	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	7.88	113	118673	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
50) Toluene-d8	10.32	98	479703	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	156718	45.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.96%	
Target Compounds						
16) Acetone	4.12	43	24038	29.551	ug/l	97
29) Tetrahydrofuran	7.53	42	4830	7.353	ug/l #	88

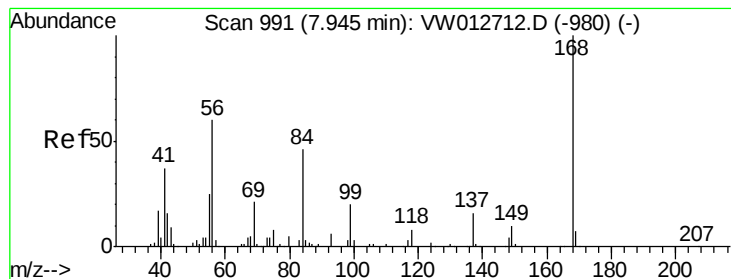
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sun Sep 08 05:04:40 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: VW012924.D

Acq: 11 Sep 2019 18:57

Instrument :

MSVOA_W

ClientSampleId :

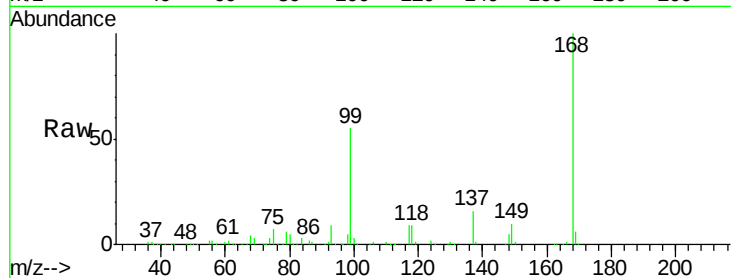
T2-3-(4)

Tot Ion:168 Resp: 267042

Ion Ratio Lower Upper

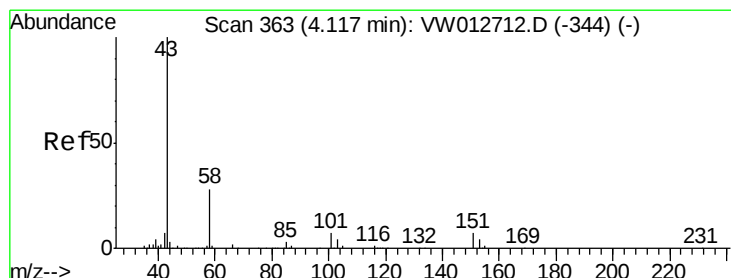
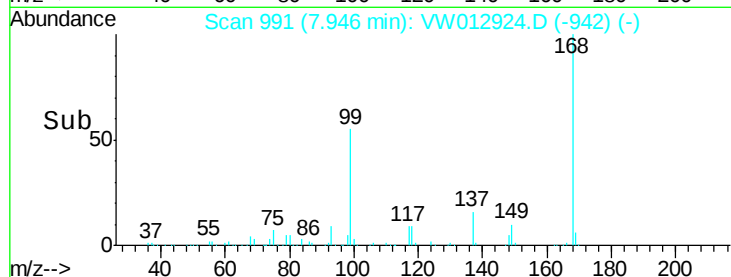
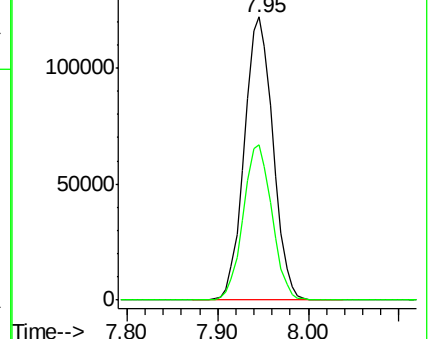
168 100

99 54.9 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 29.551 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW012924.D

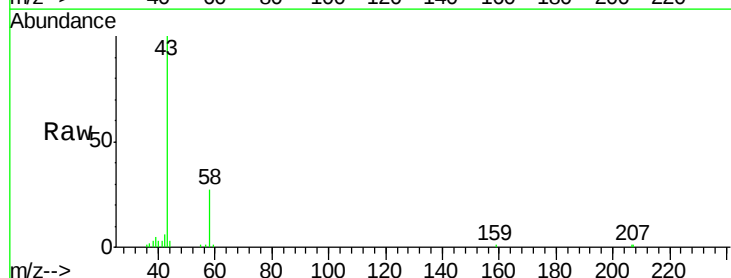
Acq: 11 Sep 2019 18:57

Tgt Ion: 43 Resp: 24038

Ion Ratio Lower Upper

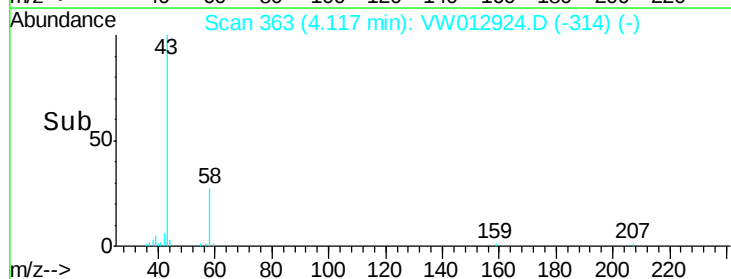
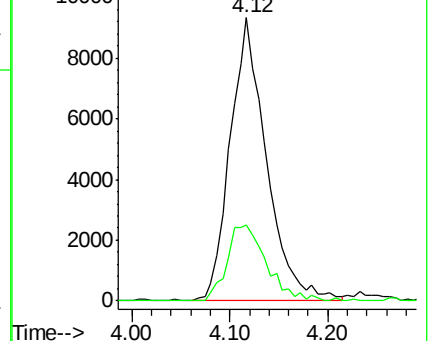
43 100

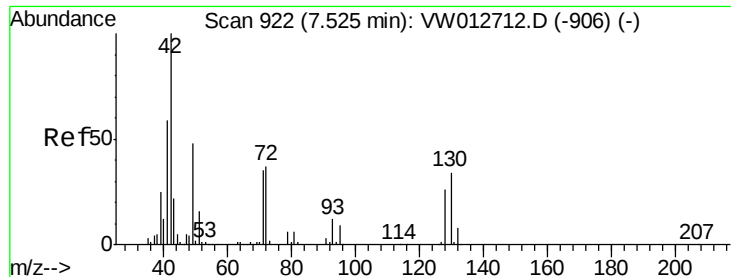
58 26.7 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

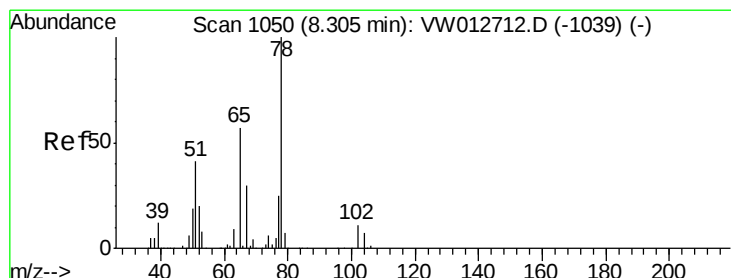
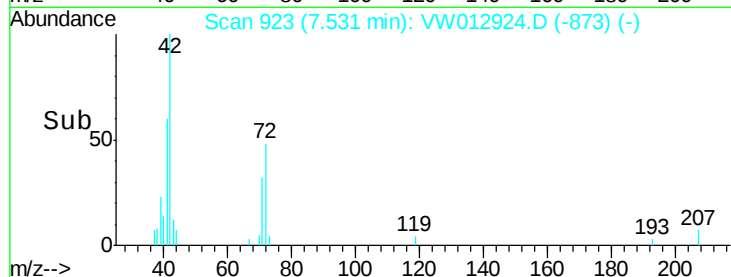
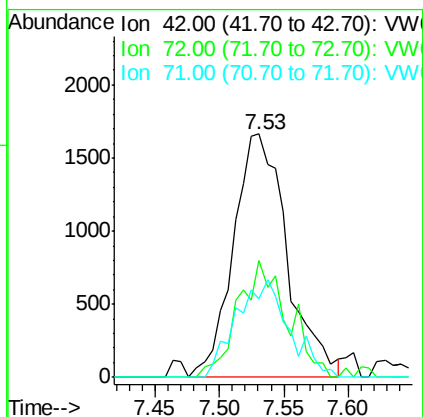
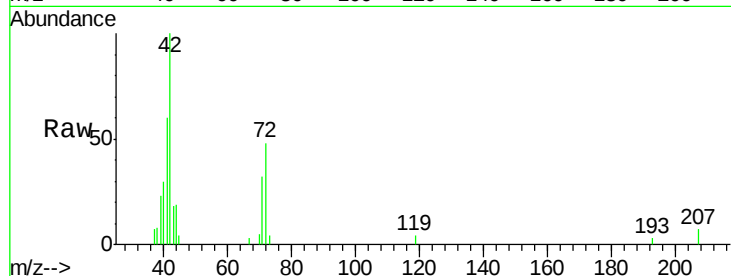




#29
Tetrahydrofuran
Concen: 7.353 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012924.D
Acq: 11 Sep 2019 18:57

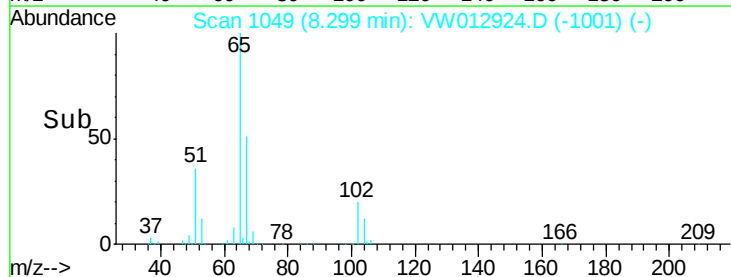
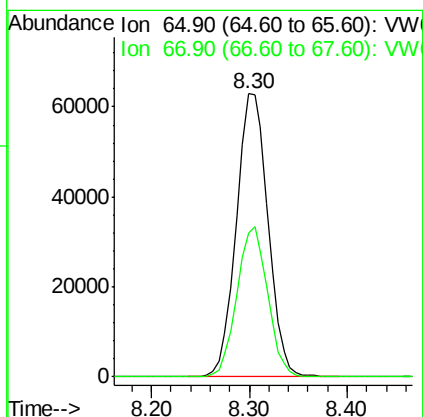
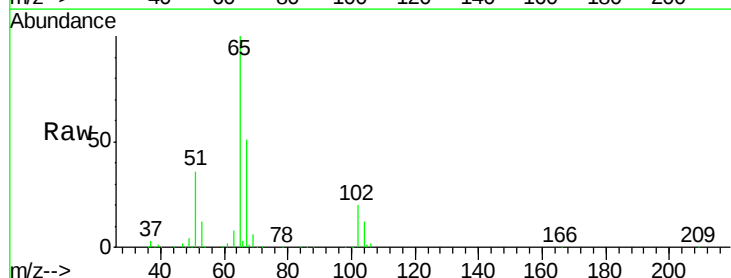
Instrument :
MSVOA_W
ClientSampled :
T2-3-(4)

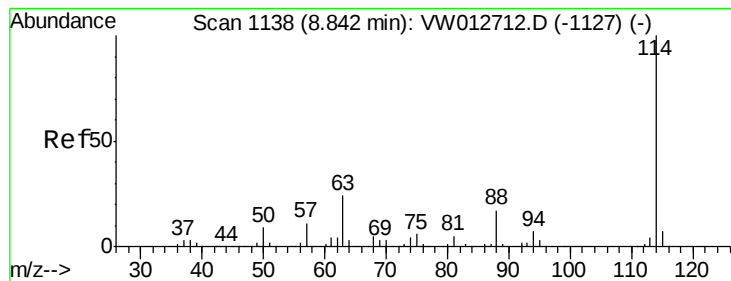
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.9	28.4	42.6#
71	39.6	27.1	40.7



#33
1,2-Dichloroethane-d4
Concen: 47.445 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW012924.D
Acq: 11 Sep 2019 18:57

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012924.D

Acq: 11 Sep 2019 18:57

Instrument :

MSVOA_W

ClientSampled :

T2-3-(4)

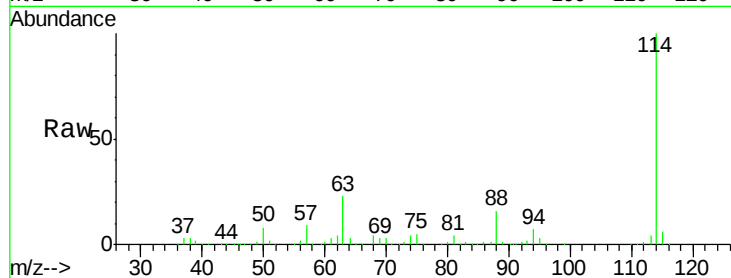
Tot Ion:114 Resp: 407516

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

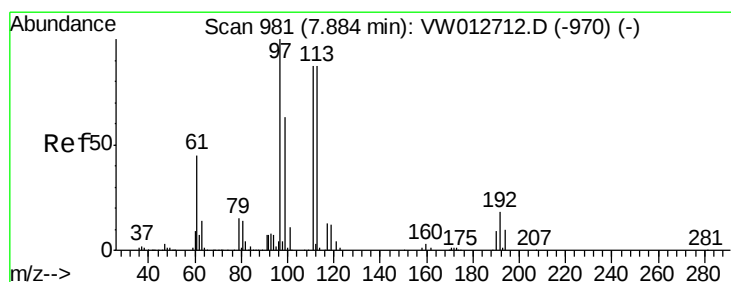
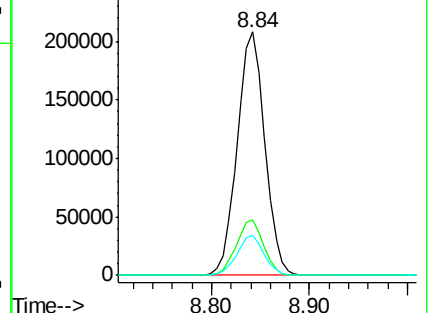
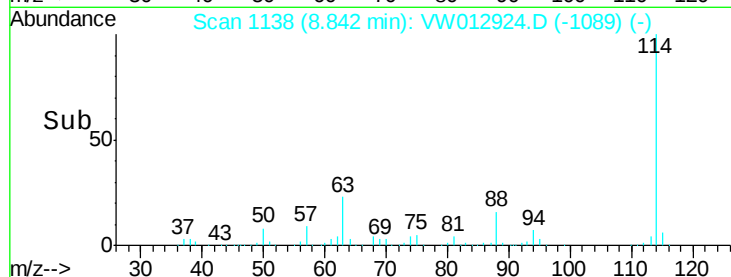
88 16.4 0.0 34.0



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: 48.982 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012924.D

Acq: 11 Sep 2019 18:57

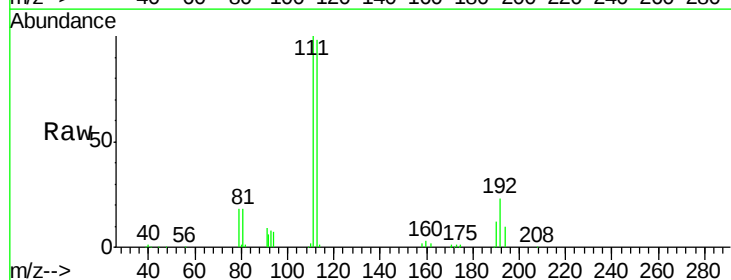
Tgt Ion:113 Resp: 118673

Ion Ratio Lower Upper

113 100

111 104.8 80.2 120.4

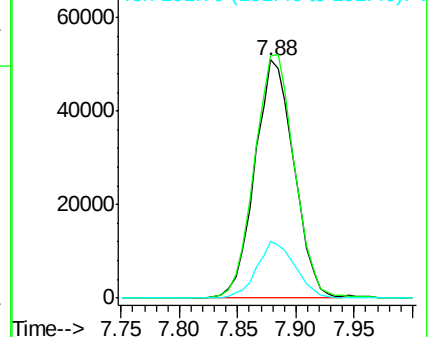
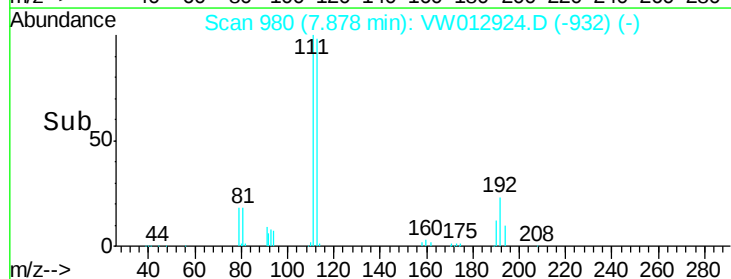
192 23.2 17.3 25.9

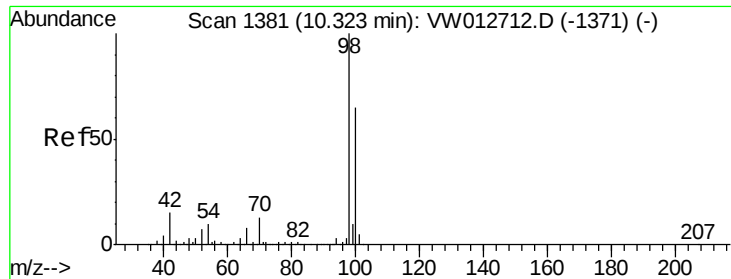


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.538 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012924.D

Acq: 11 Sep 2019 18:57

Instrument :

MSVOA_W

ClientSampleId :

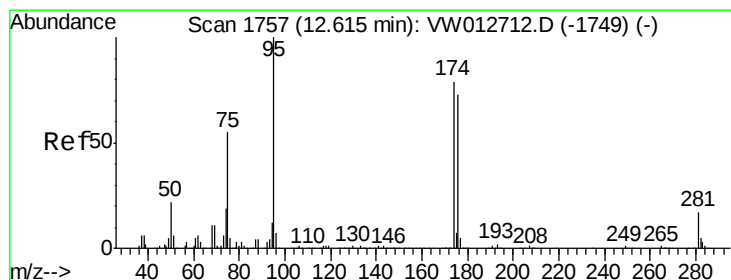
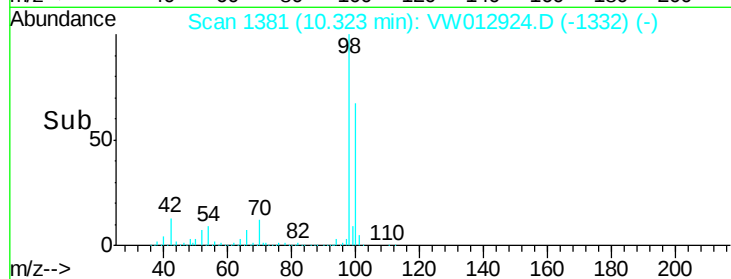
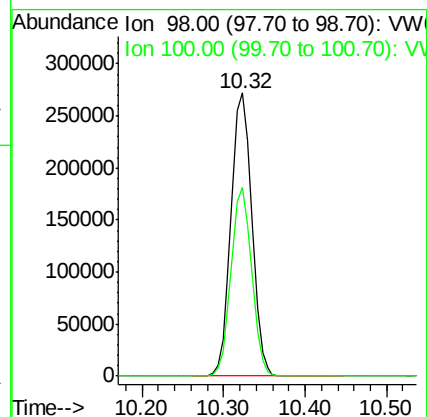
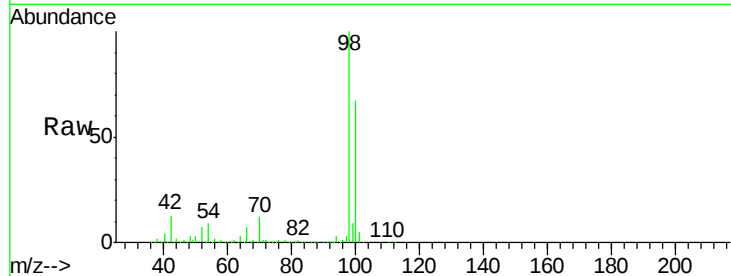
T2-3-(4)

Tot Ion: 98 Resp: 479703

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.480 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012924.D

Acq: 11 Sep 2019 18:57

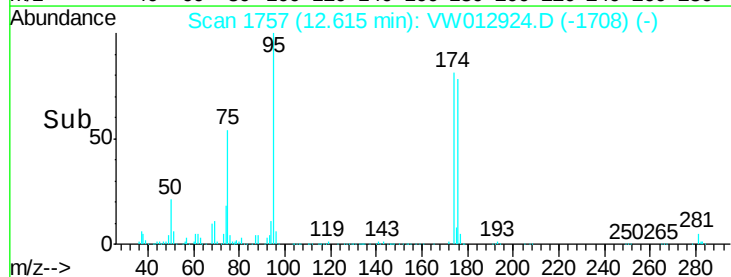
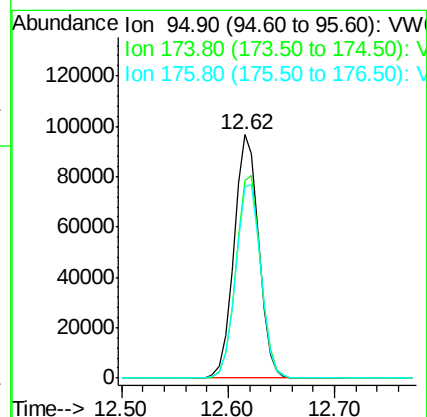
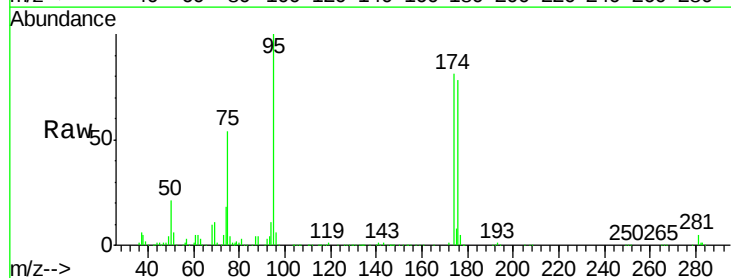
Tgt Ion: 95 Resp: 156718

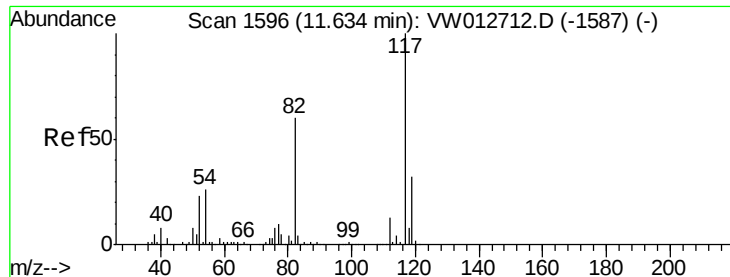
Ion Ratio Lower Upper

95 100

174 83.9 0.0 161.0

176 81.3 0.0 156.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012924.D

Acq: 11 Sep 2019 18:57

Instrument :

MSVOA_W

ClientSampled :

T2-3-(4)

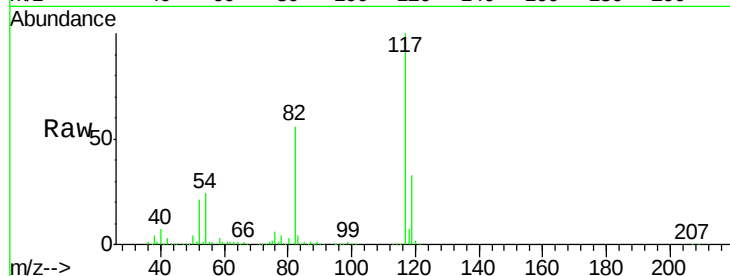
Tot Ion:117 Resp: 343093

Ion Ratio Lower Upper

117 100

82 56.2 48.2 72.4

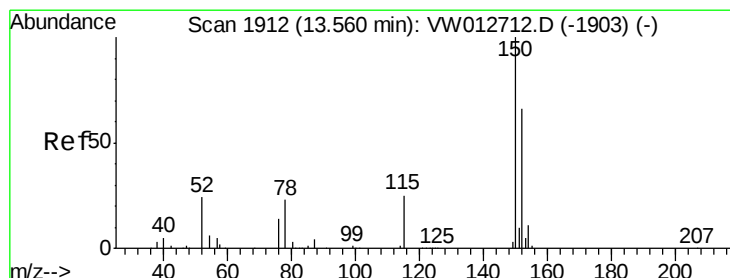
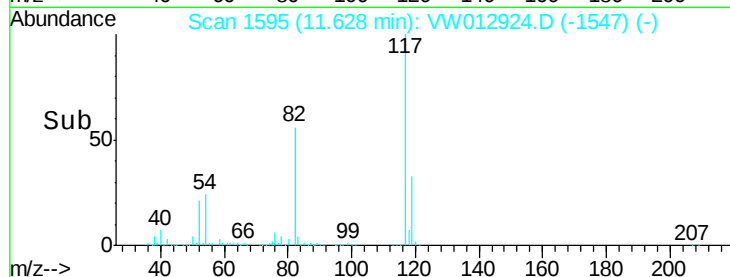
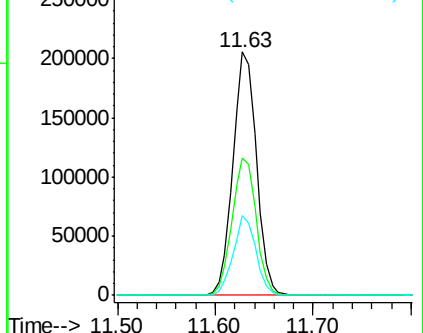
119 33.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. -0.01 min

Lab File: VW012924.D

Acq: 11 Sep 2019 18:57

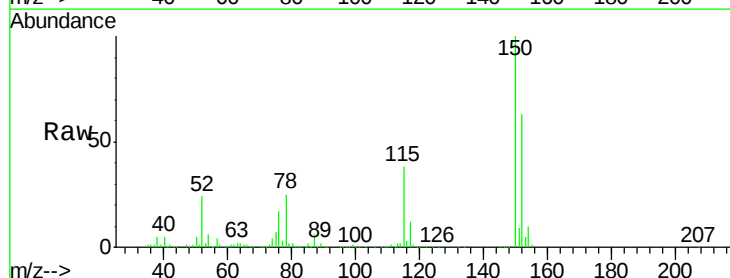
Tgt Ion:152 Resp: 148813

Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.1

150 158.8 0.0 349.0



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

