

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012469.D
 Acq On : 02 Sep 2019 01:33
 Operator : SY/VA
 Sample : K4527-12
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-N3-(1.9)

Quant Time: Sep 02 08:30:03 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

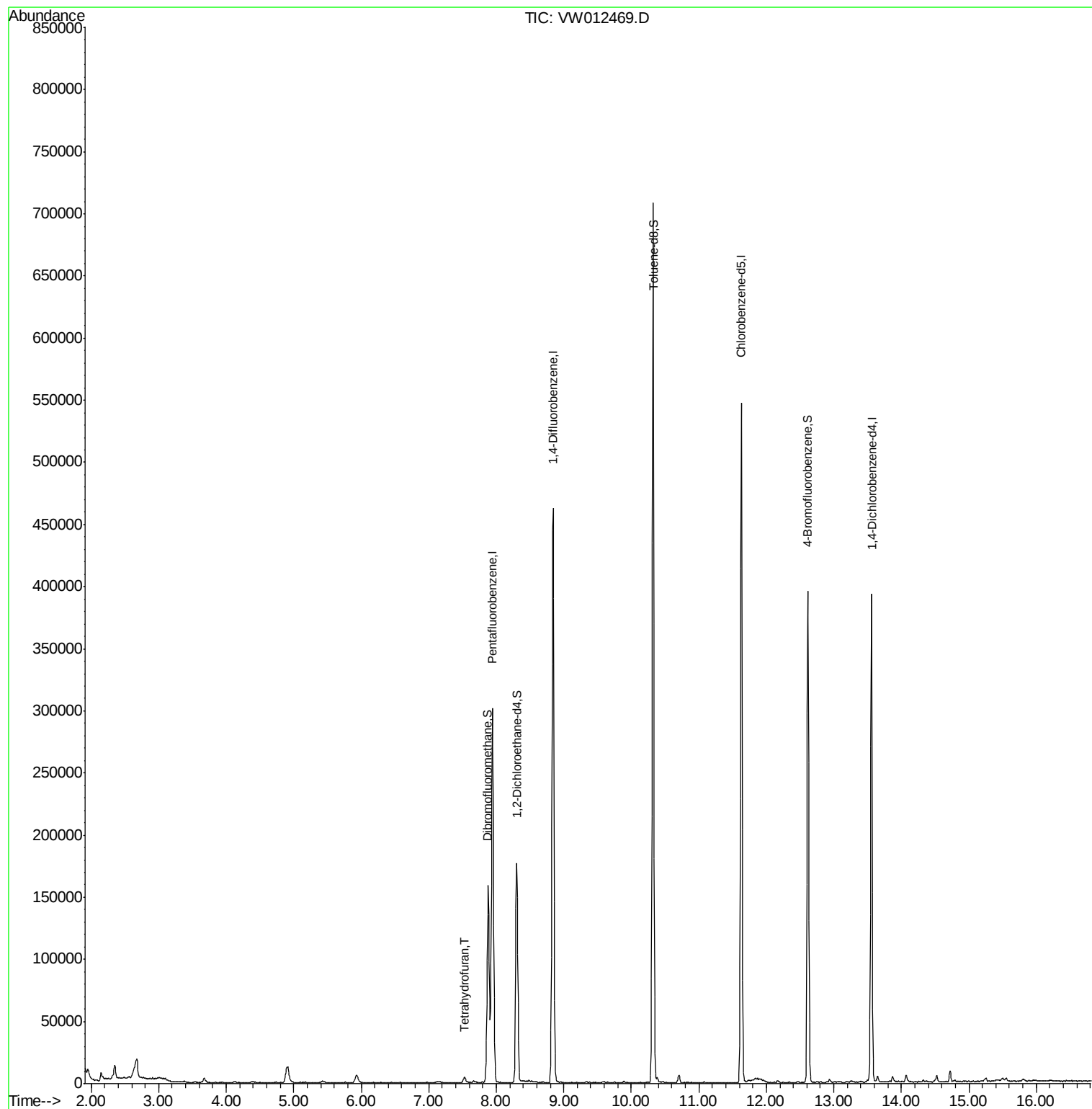
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	145354	55.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.92%	
35) Dibromofluoromethane	7.88	113	112308	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
50) Toluene-d8	10.32	98	437039	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.62	95	124051	40.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.10%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	3780	6.983	ug/l	Qvalue 95

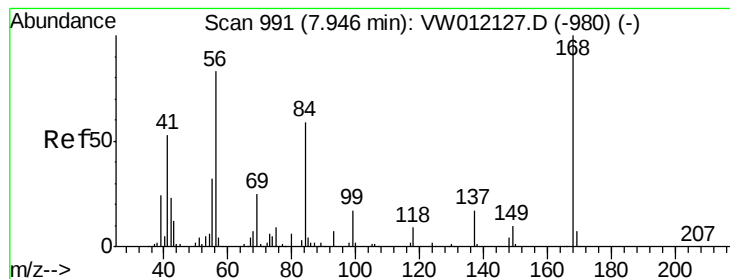
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

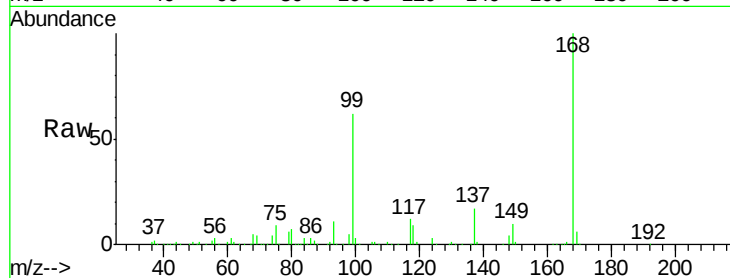
T9-12-13-N3-(1.9)

Tot Ion:168 Resp: 218510

Ion Ratio Lower Upper

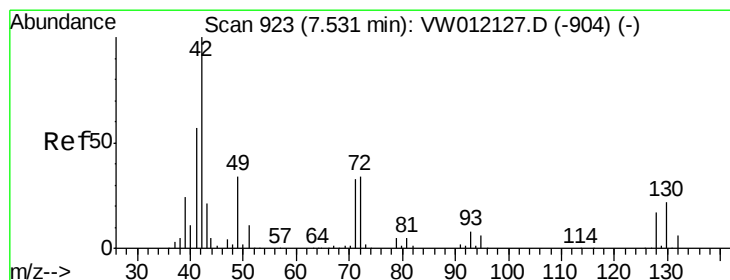
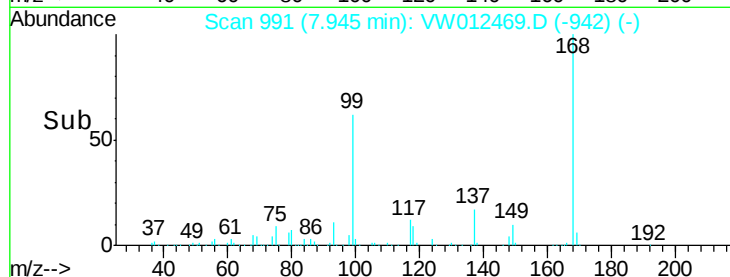
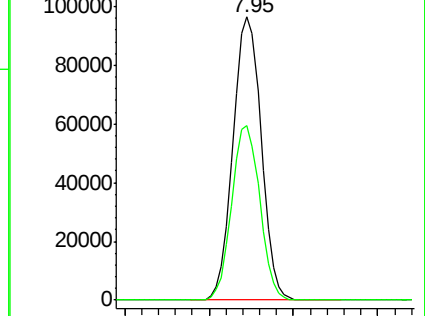
168 100

99 61.6 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 6.983 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012469.D

Acq: 02 Sep 2019 01:33

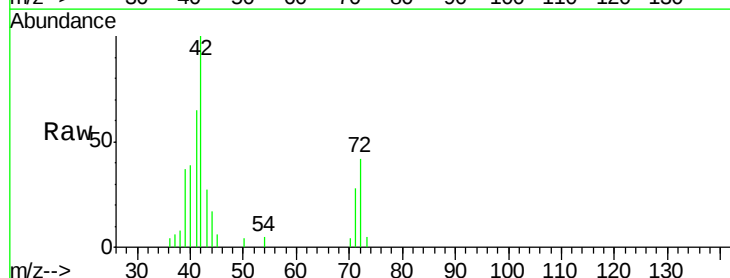
Tgt Ion: 42 Resp: 3780

Ion Ratio Lower Upper

42 100

72 37.0 27.3 40.9

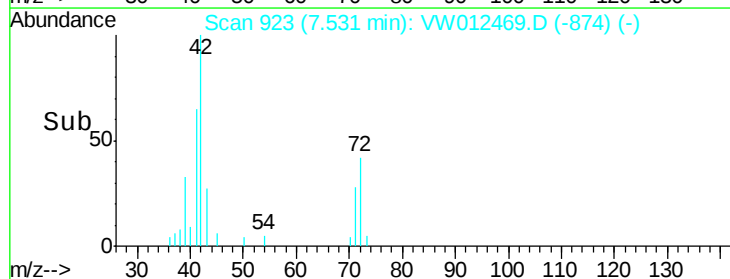
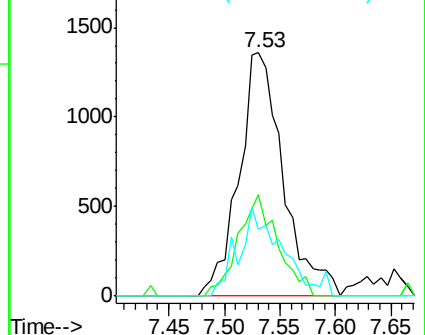
71 34.8 25.5 38.3

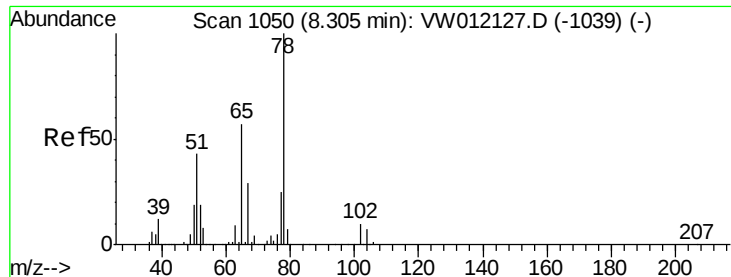


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 55.958 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012469.D

Acq: 02 Sep 2019 01:33

Instrument :

MSVOA_W

ClientSampleId :

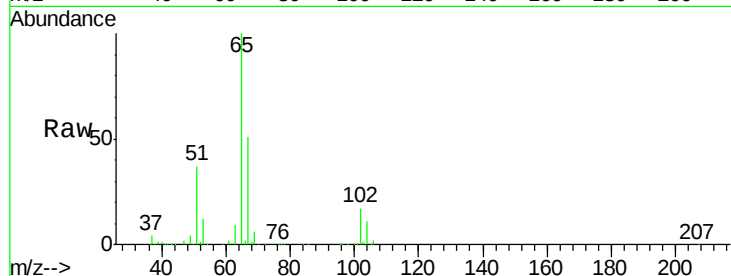
T9-12-13-N3-(1.9)

Tot Ion: 65 Resp: 145354

Ion Ratio Lower Upper

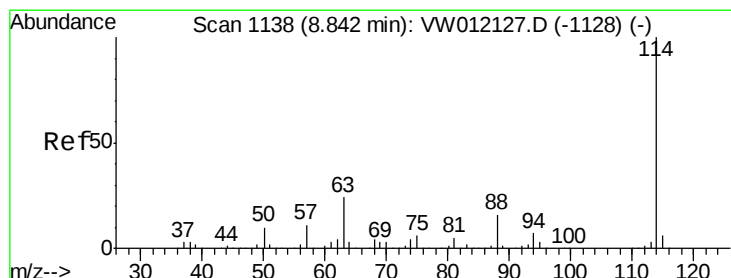
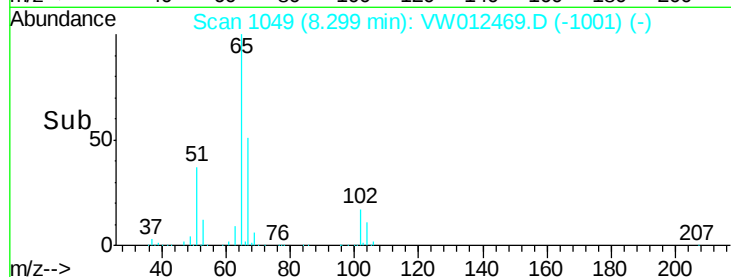
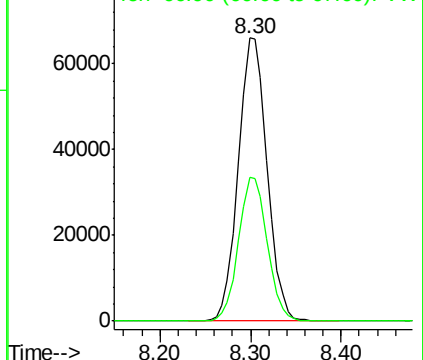
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012469.D

Acq: 02 Sep 2019 01:33

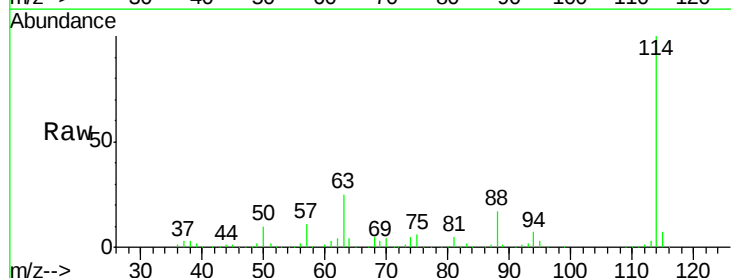
Tgt Ion: 114 Resp: 358569

Ion Ratio Lower Upper

114 100

63 25.0 0.0 48.6

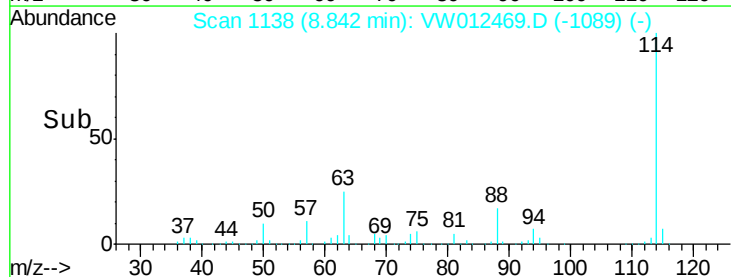
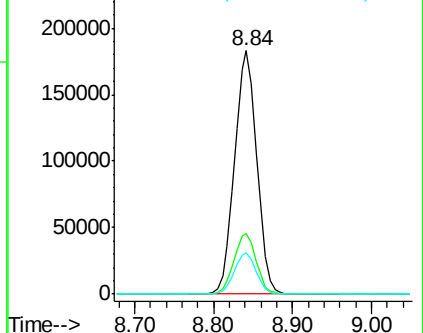
88 16.9 0.0 32.2

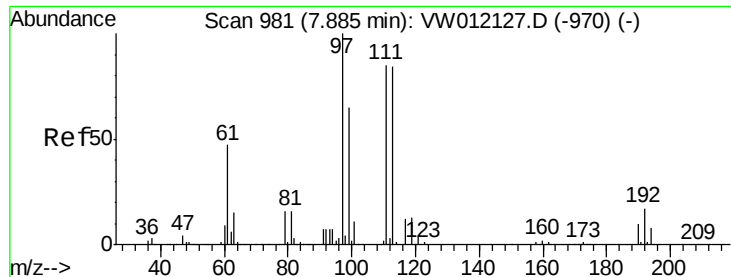


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

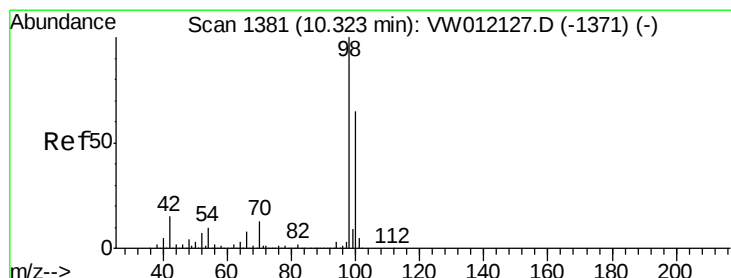
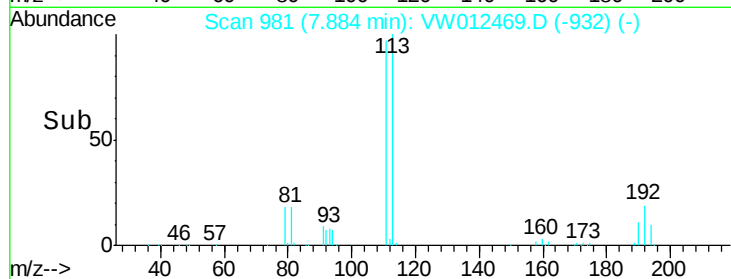
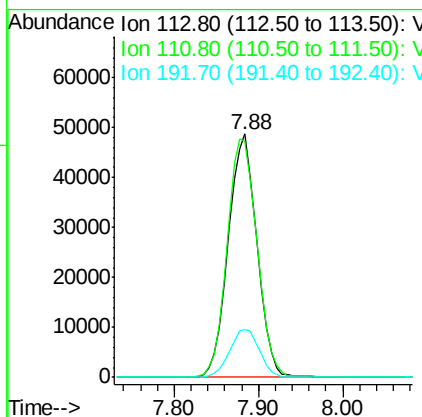
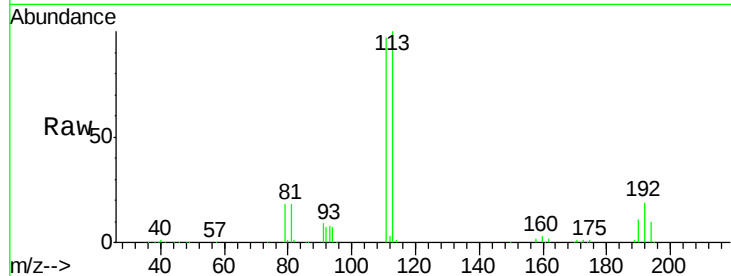




#35
 Dibromofluoromethane
 Concen: 52.473 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012469.D
 Acq: 02 Sep 2019 01:33

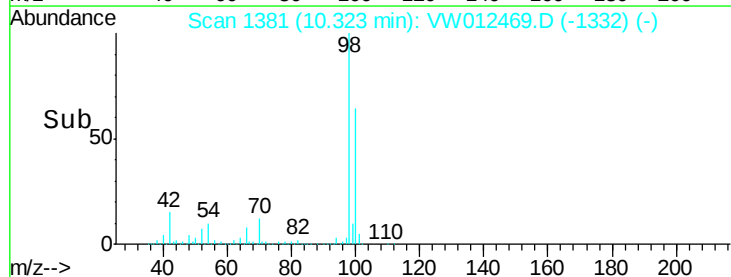
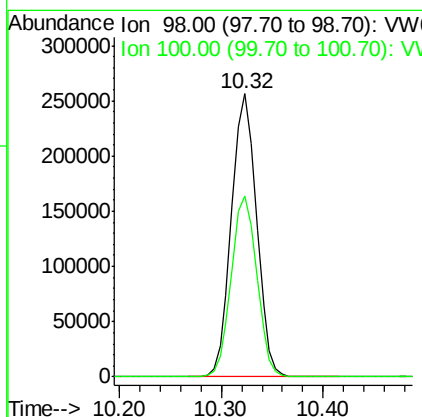
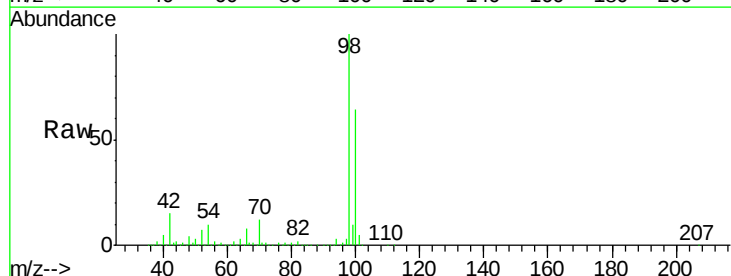
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 T9-12-13-N3-(1.9)

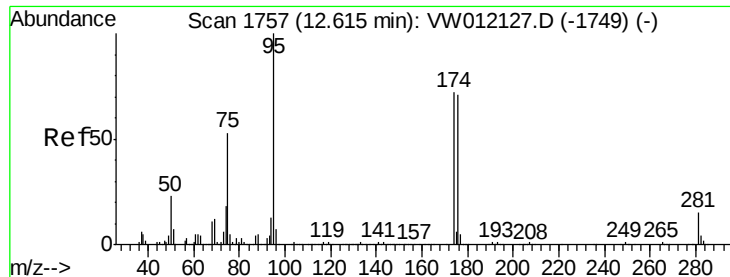
Tot Ion:113 Resp: 112308
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.7 124.1
 192 20.4 16.2 24.2



#50
 Toluene-d8
 Concen: 50.360 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012469.D
 Acq: 02 Sep 2019 01:33

Tgt Ion: 98 Resp: 437039
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.4 78.6

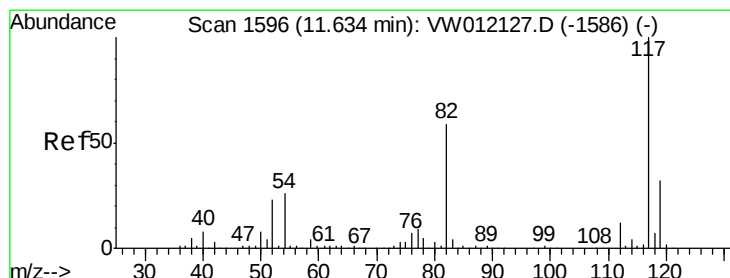
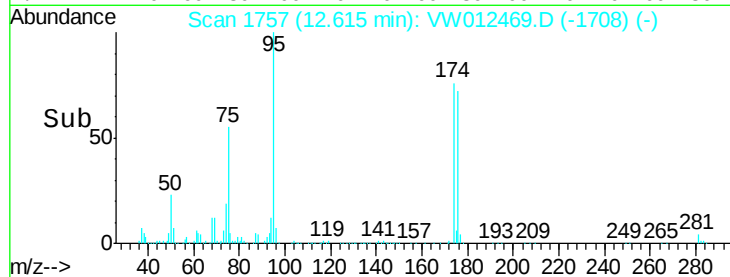
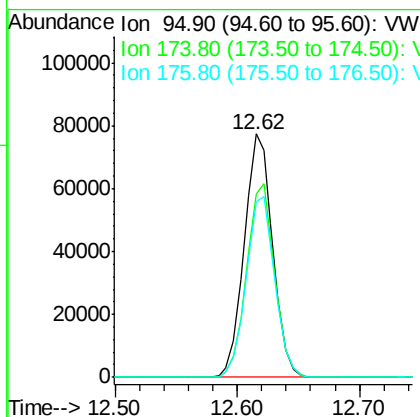
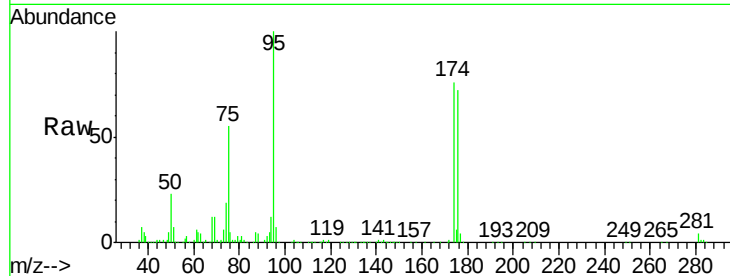




#62
4-Bromofluorobenzene
Concen: 40.551 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012469.D
Acq: 02 Sep 2019 01:33

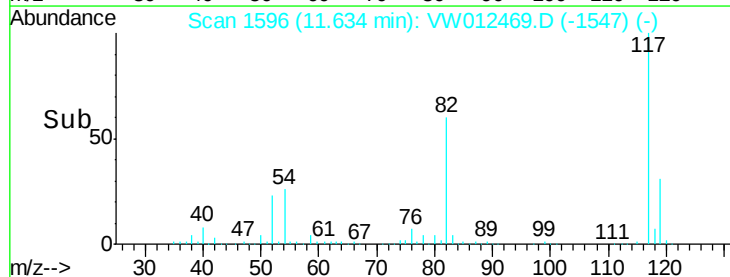
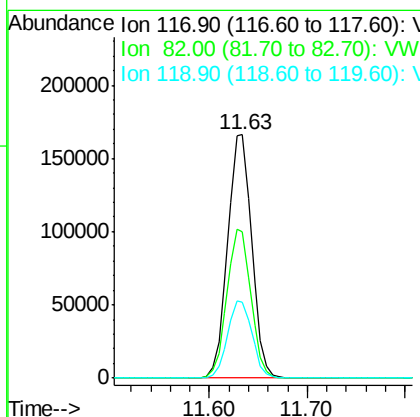
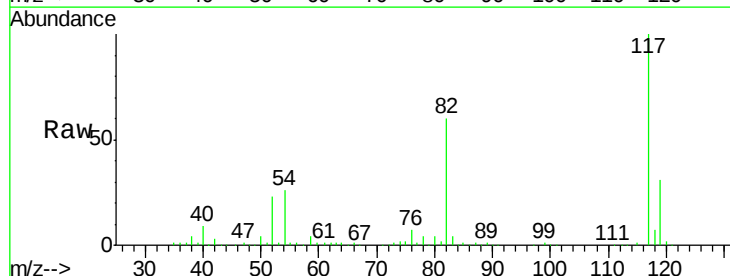
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-N3-(1.9)

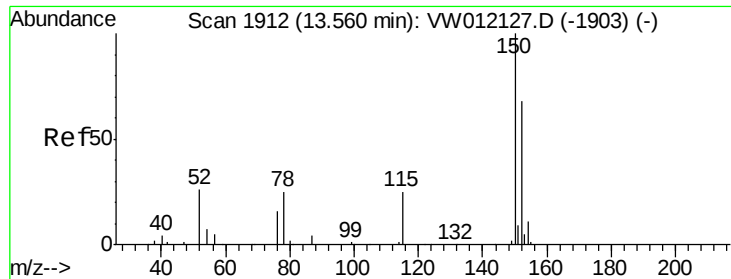
Tot Ion	95	Resp	124051
Ion Ratio	Lower	Upper	
95	100		
174	79.2	0.0	150.8
176	75.2	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012469.D
Acq: 02 Sep 2019 01:33

Tgt Ion	117	Resp	284091
Ion Ratio	Lower	Upper	
117	100		
82	60.1	47.4	71.2
119	31.4	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: VW012469.D

Acq: 02 Sep 2019 01:33

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-N3-(1.9)

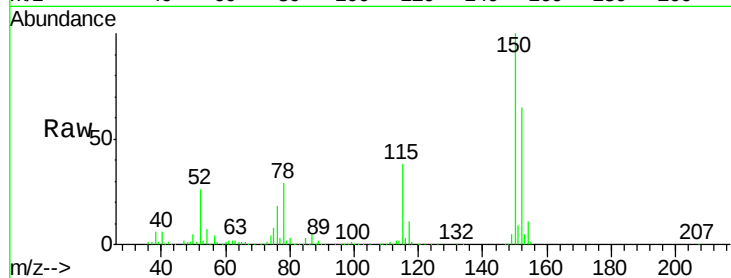
Tot Ion:152 Resp: 97610

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 157.3 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

