

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012395.D
 Acq On : 31 Aug 2019 13:01
 Operator : SY/VA
 Sample : K4493-17
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-K3-(1.9)

Quant Time: Aug 31 17:32:36 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

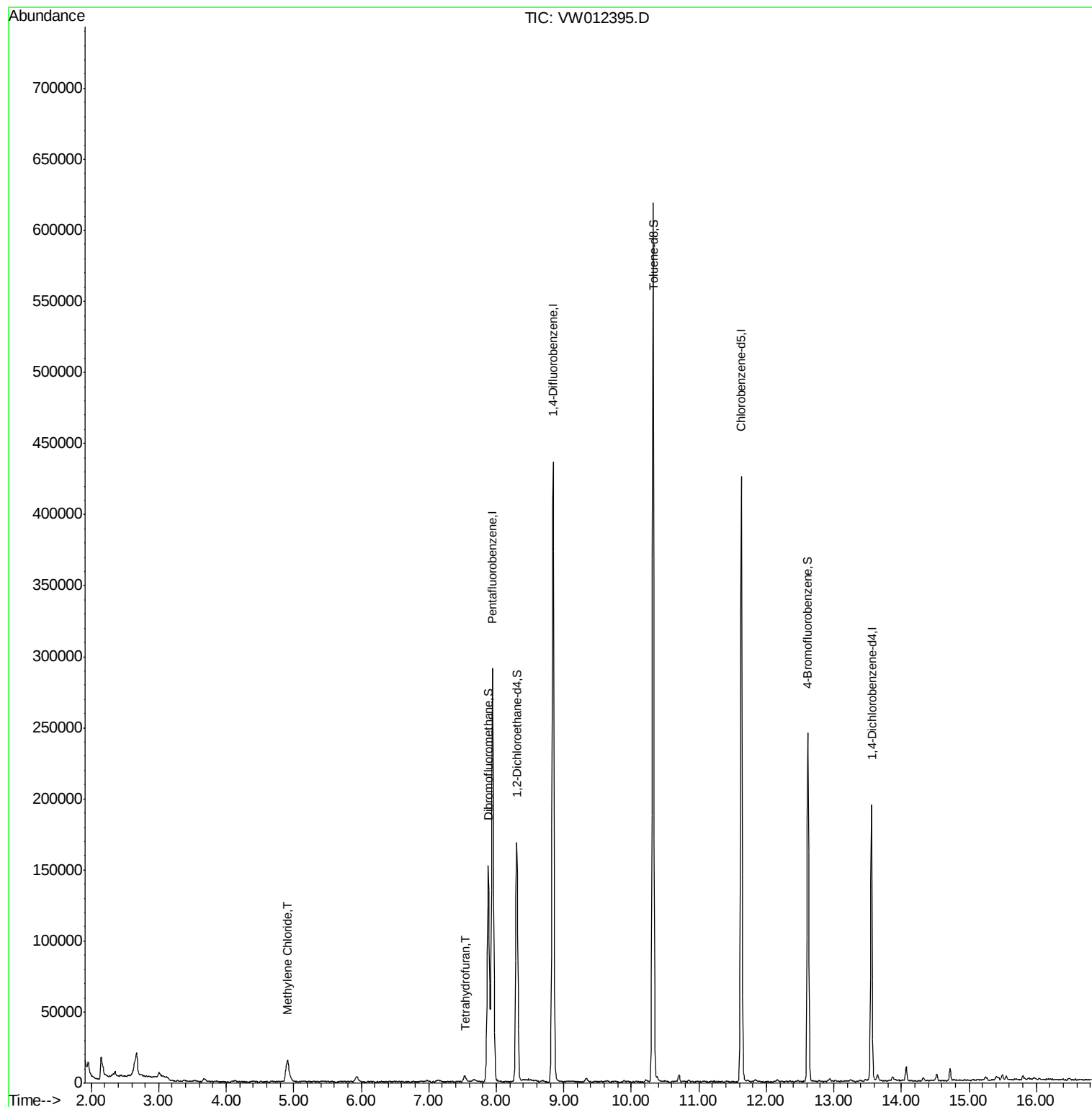
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	206716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	217780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47940	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136010	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
35) Dibromofluoromethane	7.88	113	106150	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.54%	
50) Toluene-d8	10.32	98	388821	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
62) 4-Bromofluorobenzene	12.62	95	76665	26.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.84%	
Target Compounds						
20) Methylene Chloride	4.91	84	11078	4.665	ug/l	96
29) Tetrahydrofuran	7.54	42	3575	6.981	ug/l #	86

(#) = 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: VW012395.D

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Instrument :

MSVOA_W

ClientSampleId :

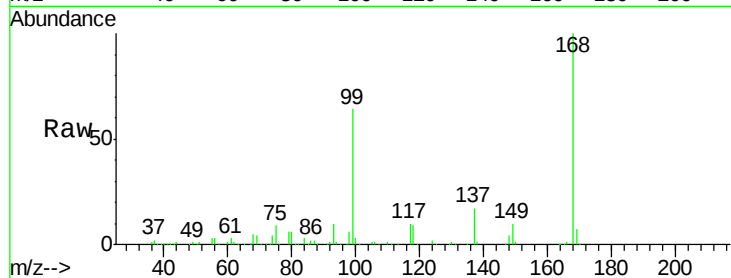
T9-12-13-K3-(1.9)

Tot Ion:168 Resp: 206716

Ion Ratio Lower Upper

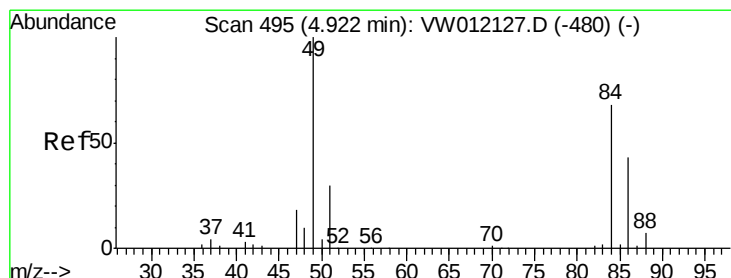
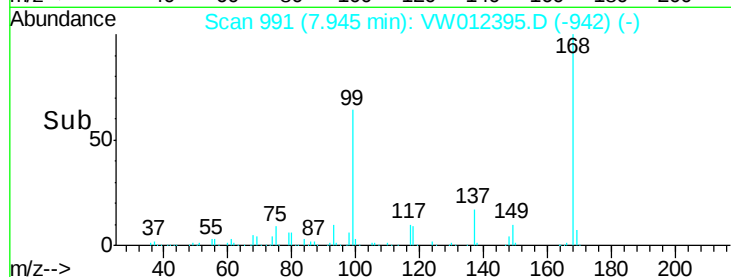
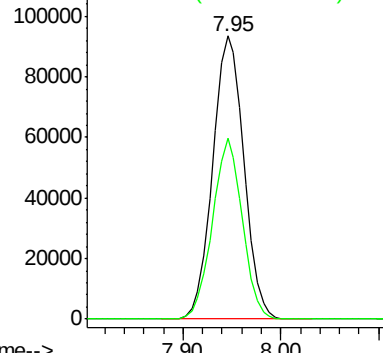
168 100

99 64.0 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#20

Methylene Chloride

Concen: 4.665 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

Tgt Ion: 84 Resp: 11078

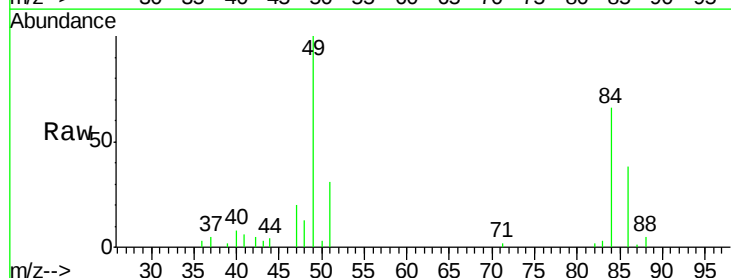
Ion Ratio Lower Upper

84 100

49 151.1 117.8 176.8

51 47.0 35.6 53.4

86 57.7 51.2 76.8

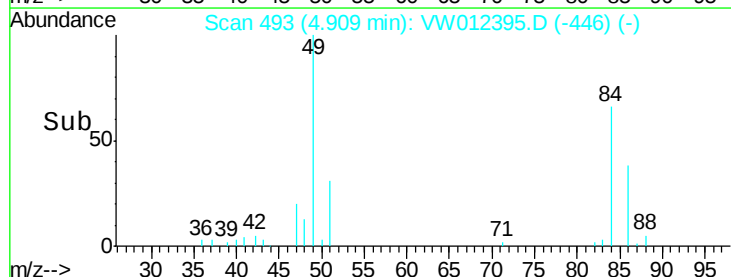
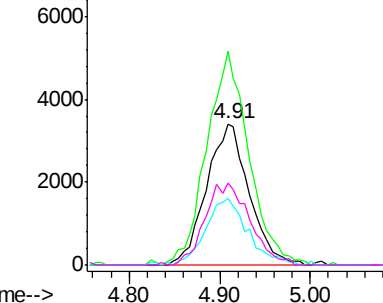


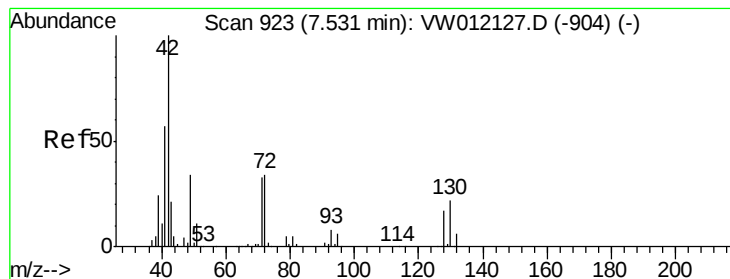
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#29

Tetrahydrofuran

Concen: 6.981 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-K3-(1.9)

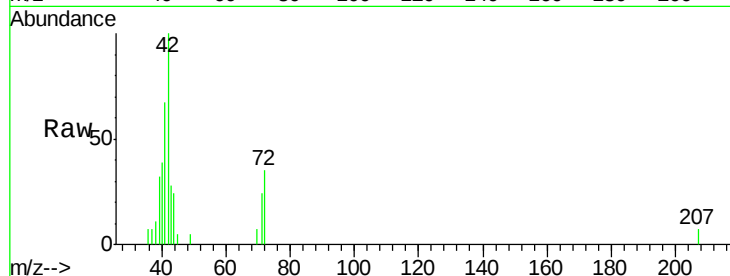
Tot Ion: 42 Resp: 3575

Ion Ratio Lower Upper

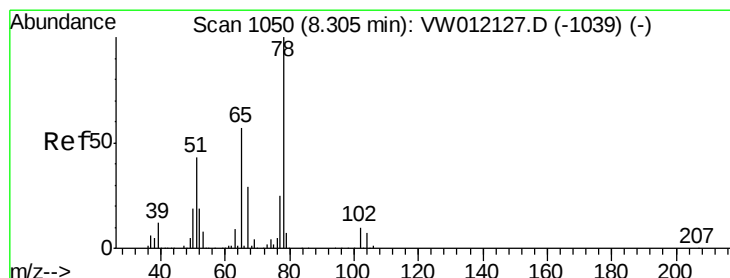
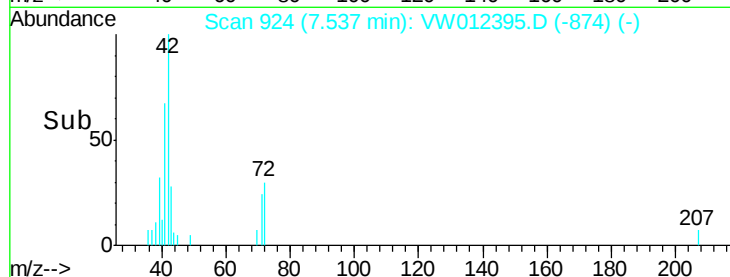
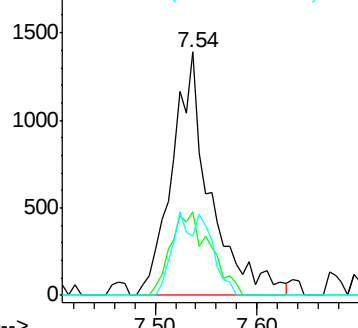
42 100

72 35.9 27.3 40.9

71 17.9 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: 55.348 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012395.D

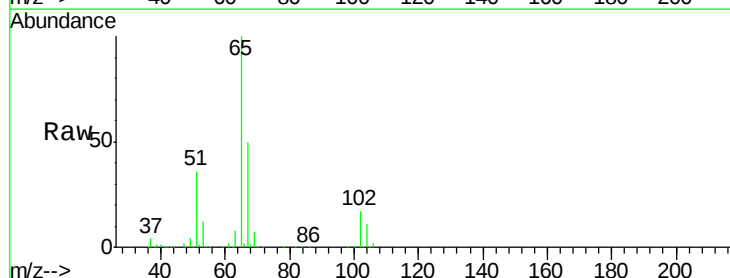
Acq: 31 Aug 2019 13:01

Tgt Ion: 65 Resp: 136010

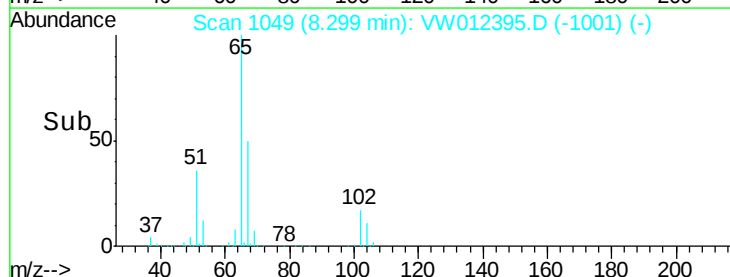
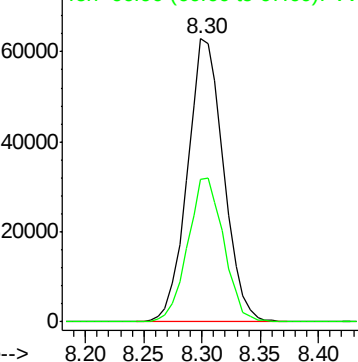
Ion Ratio Lower Upper

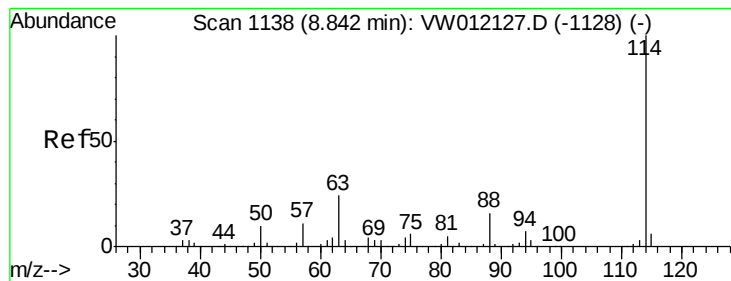
65 100

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: VW012395.D

Acq: 31 Aug 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

T9-12-13-K3-(1.9)

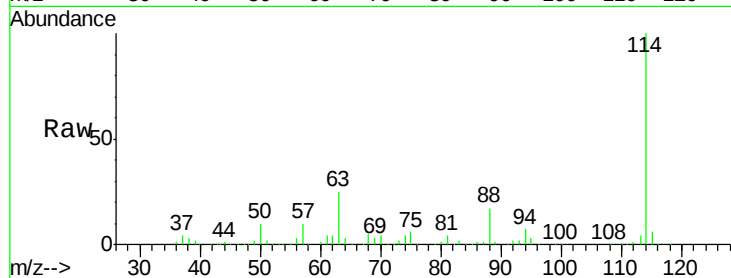
Tot Ion:114 Resp: 333806

Ion Ratio Lower Upper

114 100

63 24.6 0.0 48.6

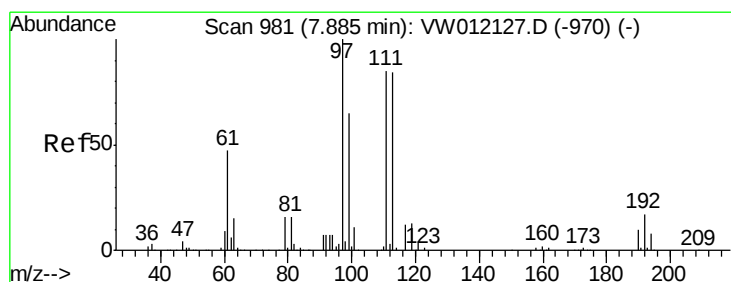
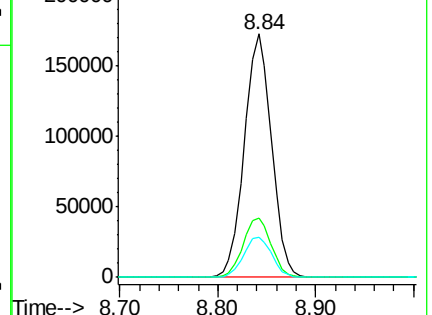
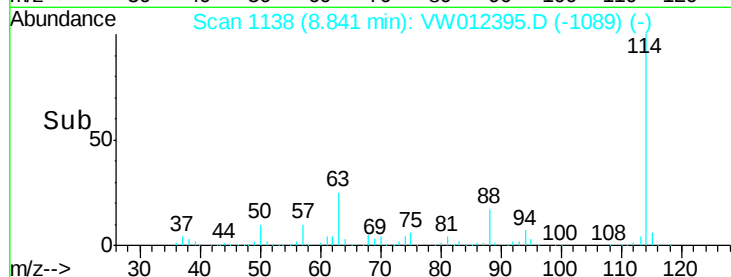
88 16.6 0.0 32.2



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: 53.275 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

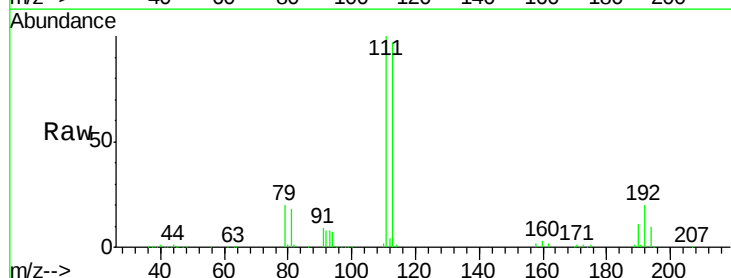
Tgt Ion:113 Resp: 106150

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

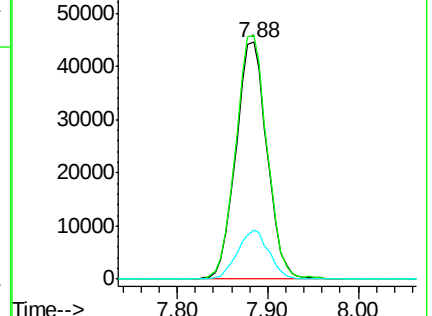
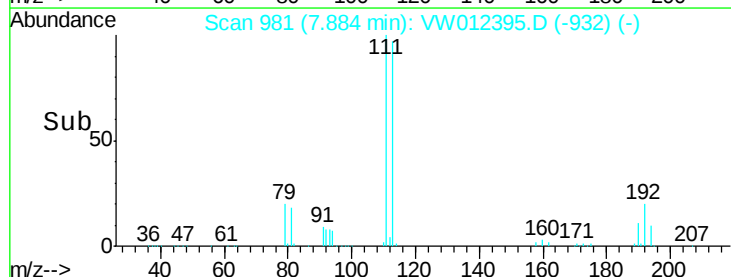
192 20.7 16.2 24.2

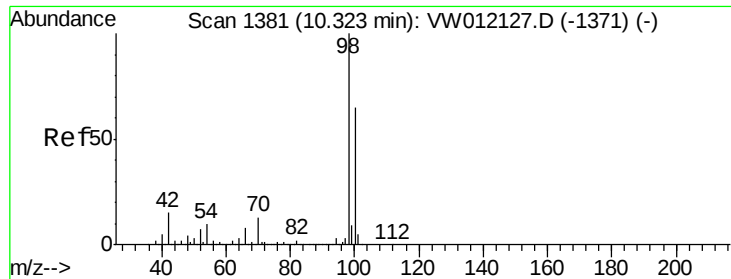


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.127 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

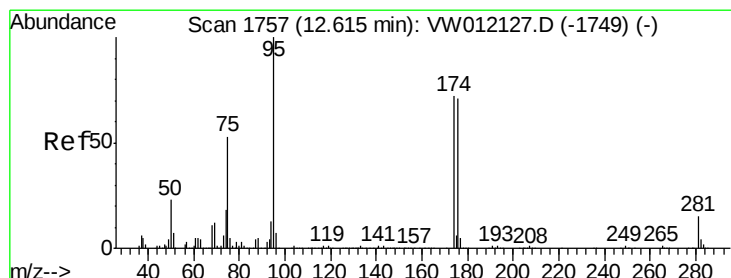
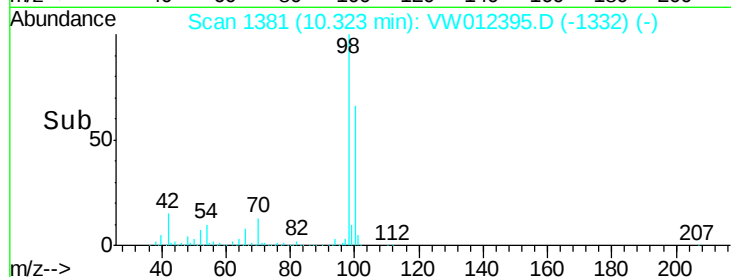
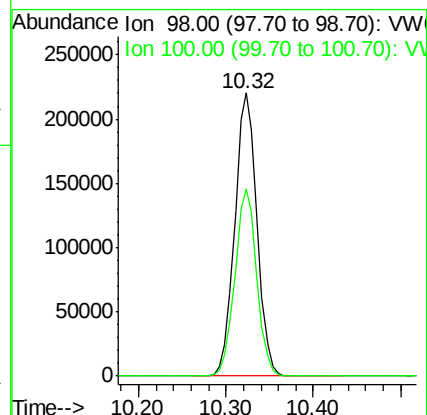
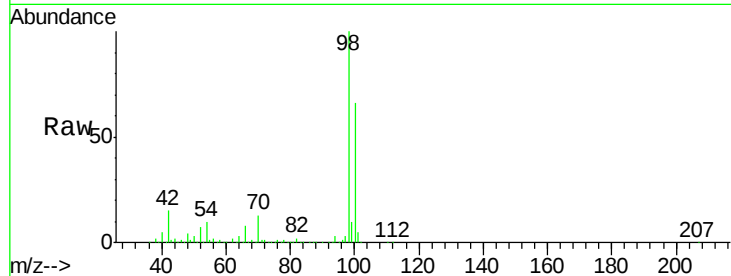
T9-12-13-K3-(1.9)

Tot Ion: 98 Resp: 388821

Ion Ratio Lower Upper

98 100

100 64.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 26.920 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012395.D

Acq: 31 Aug 2019 13:01

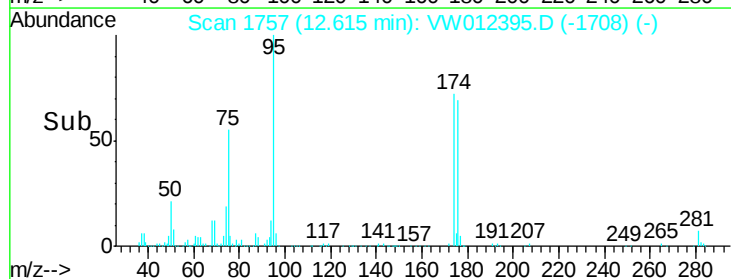
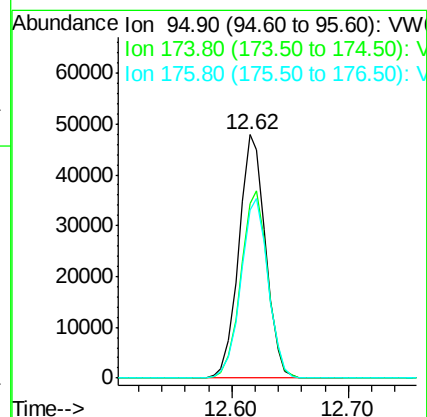
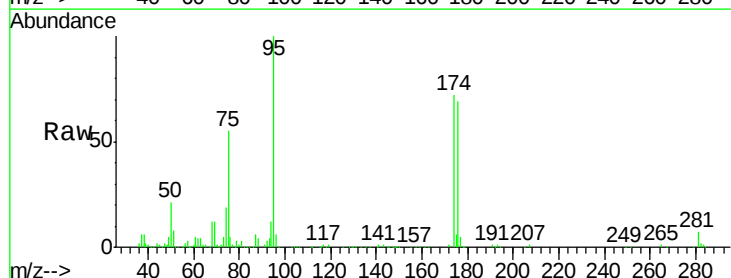
Tgt Ion: 95 Resp: 76665

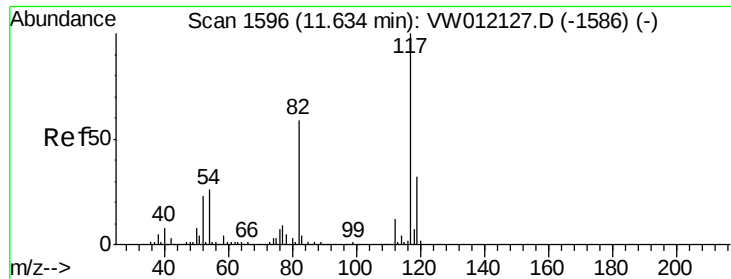
Ion Ratio Lower Upper

95 100

174 77.8 0.0 150.8

176 75.2 0.0 148.6

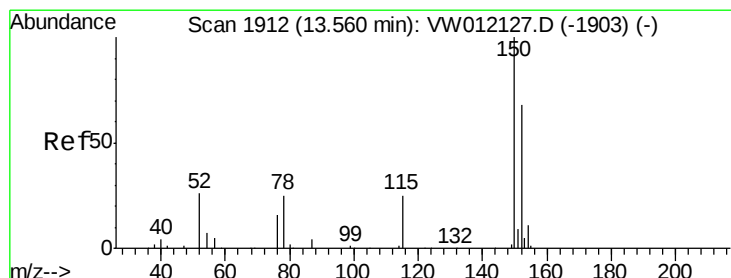
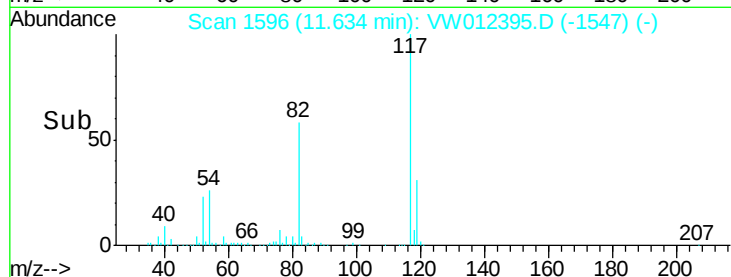
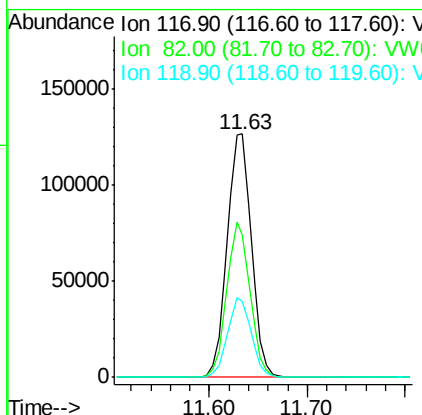
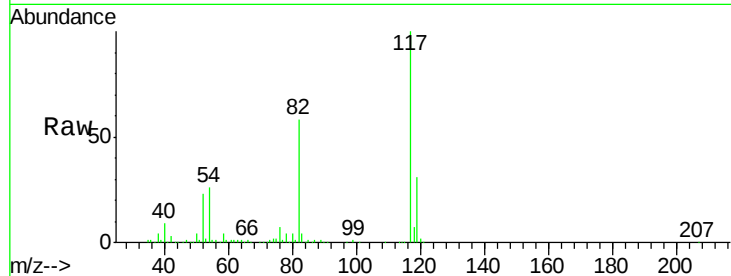




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012395.D
Acq: 31 Aug 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-K3-(1.9)

Tot Ion:117 Resp: 217780
Ion Ratio Lower Upper
117 100
82 58.4 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: VW012395.D
Acq: 31 Aug 2019 13:01

Tgt Ion:152 Resp: 47940
Ion Ratio Lower Upper
152 100
115 60.7 30.1 90.3
150 160.6 0.0 345.8

