

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012499.D
 Acq On : 02 Sep 2019 15:19
 Operator : SY/VA
 Sample : K4528-17
 Misc : 4.89G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S3-(1.9)

Quant Time: Sep 03 08:12:23 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

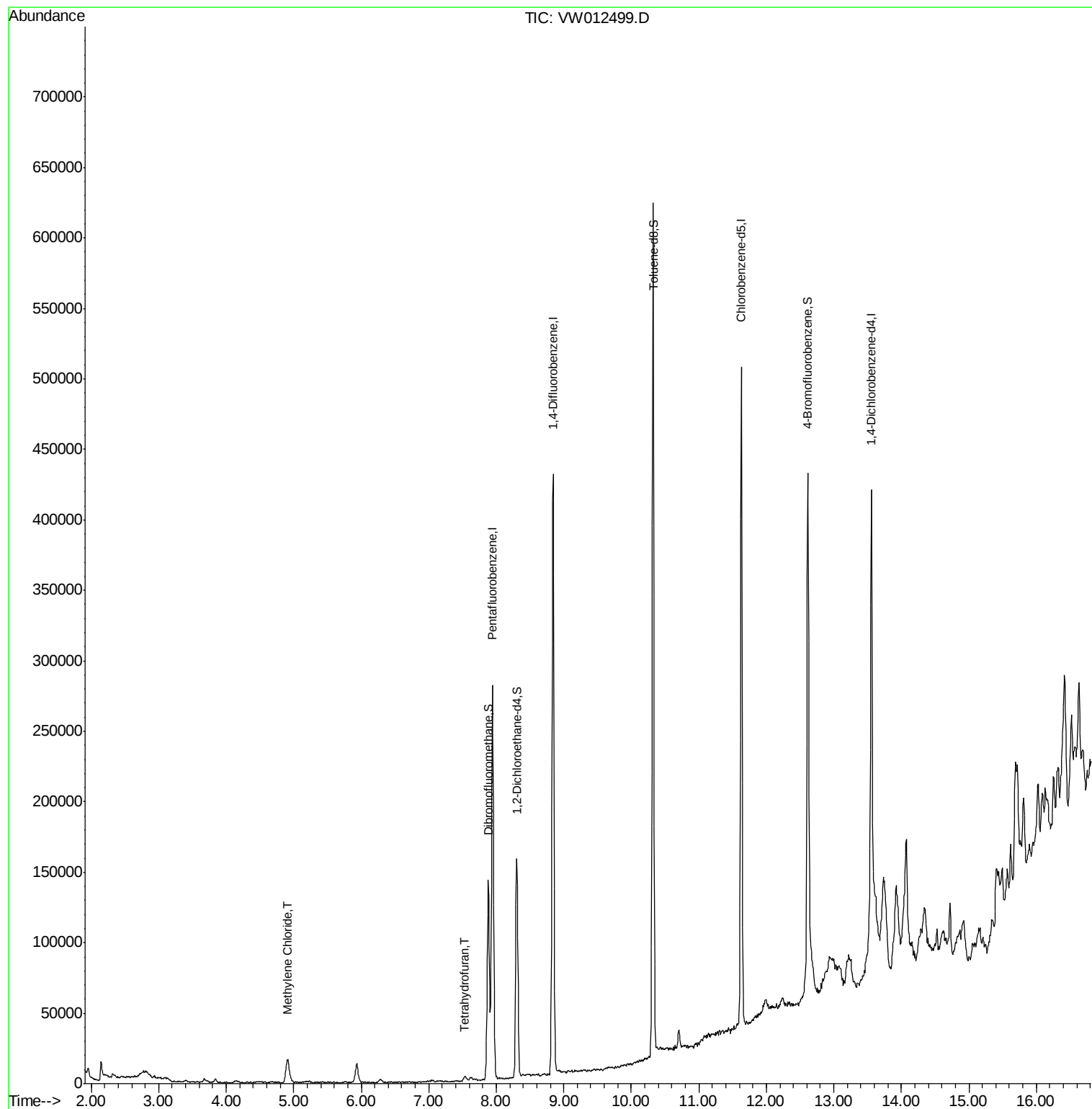
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	241216	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	75195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	129555	54.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.66%	
35) Dibromofluoromethane	7.88	113	100911	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.32	98	383900	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
62) 4-Bromofluorobenzene	12.62	95	119939	42.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.28%	
Target Compounds						
20) Methylene Chloride	4.91	84	12362	5.365	ug/l	96
29) Tetrahydrofuran	7.54	42	3709	7.464	ug/l	89

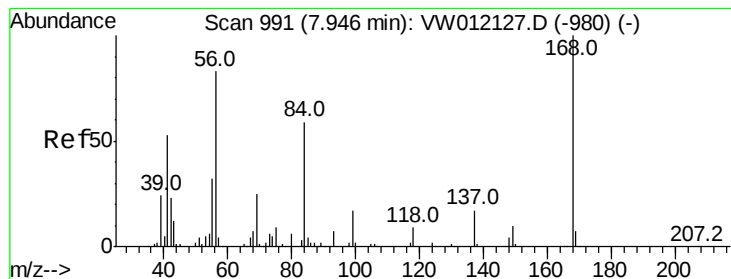
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012499.D

Acq: 02 Sep 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

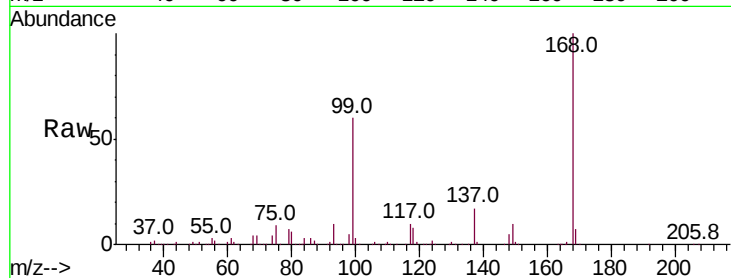
T9-12-13-S3-(1.9)

Tot Ion:168 Resp: 200581

Ion Ratio Lower Upper

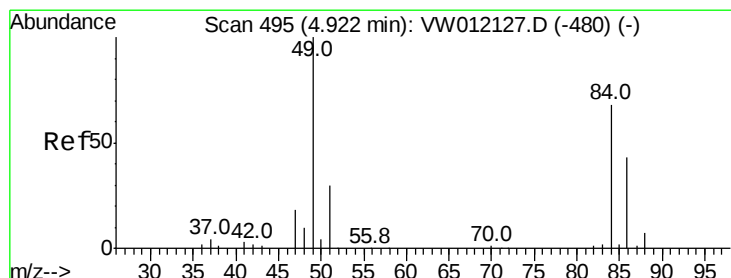
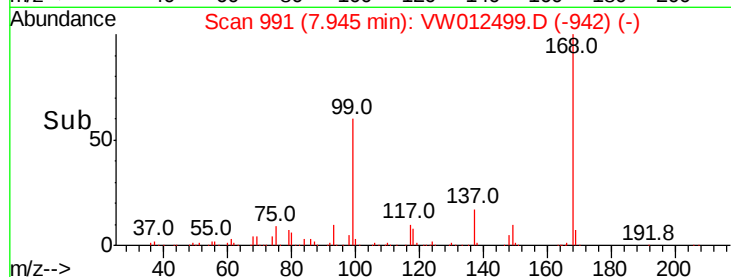
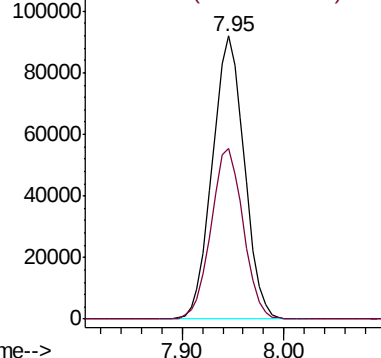
168 100

99 60.1 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: 5.365 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012499.D

Acq: 02 Sep 2019 15:19

Tgt Ion: 84 Resp: 12362

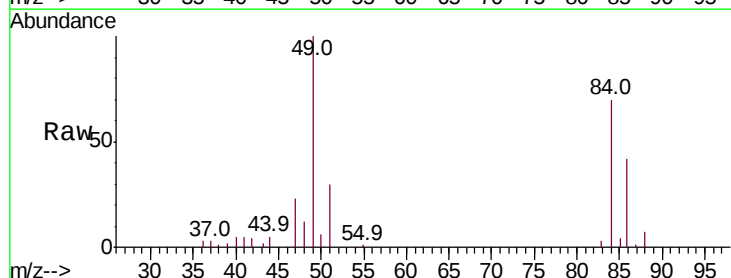
Ion Ratio Lower Upper

84 100

49 142.0 117.8 176.8

51 43.2 35.6 53.4

86 59.0 51.2 76.8

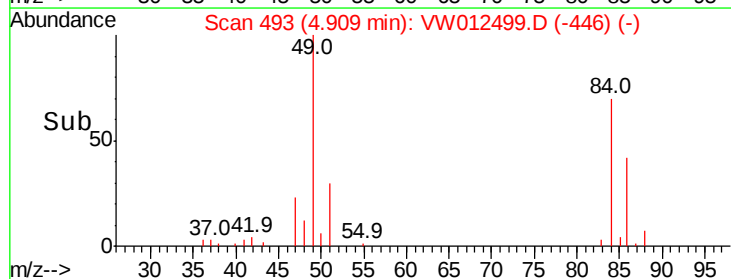
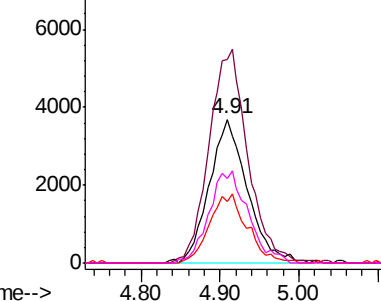


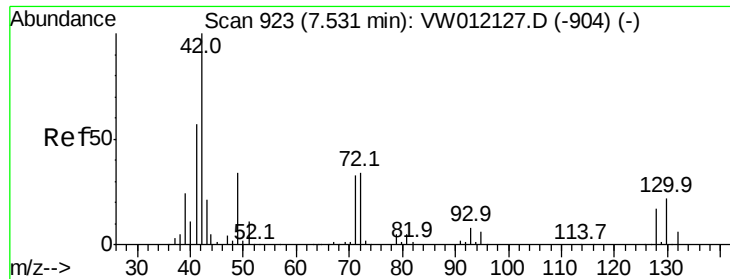
Abundance Ion 83.90 (83.60 to 84.60): VW

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

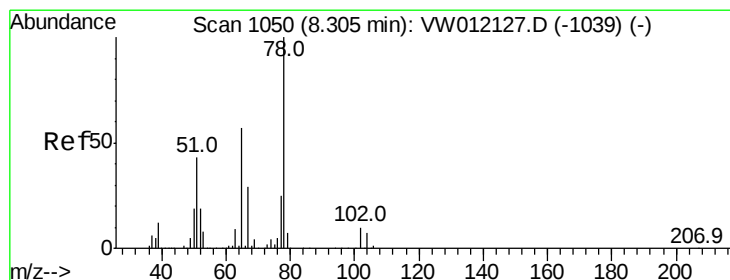
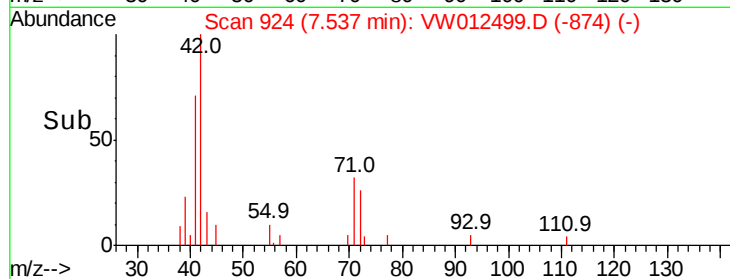
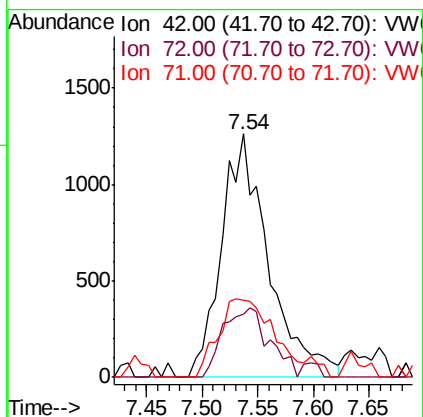
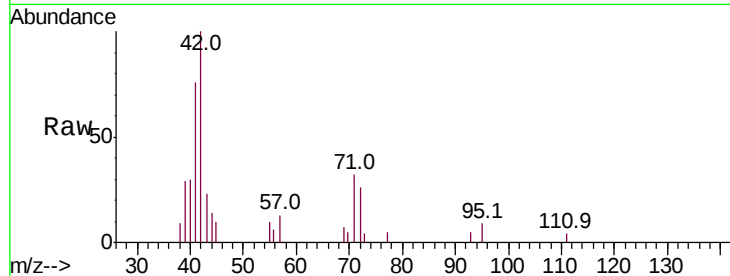




#29
Tetrahydrofuran
Concen: 7.464 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012499.D
Acq: 02 Sep 2019 15:19

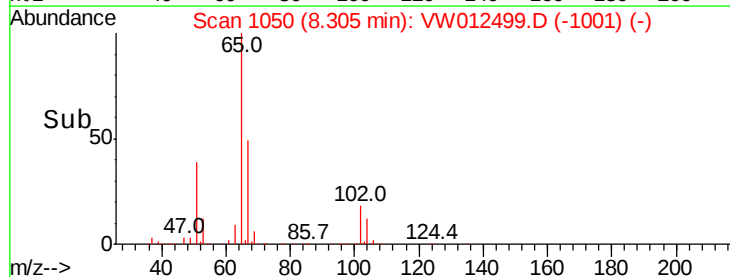
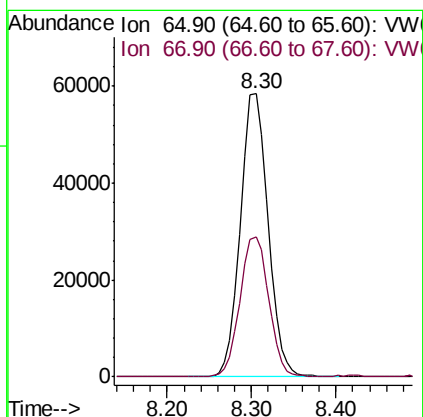
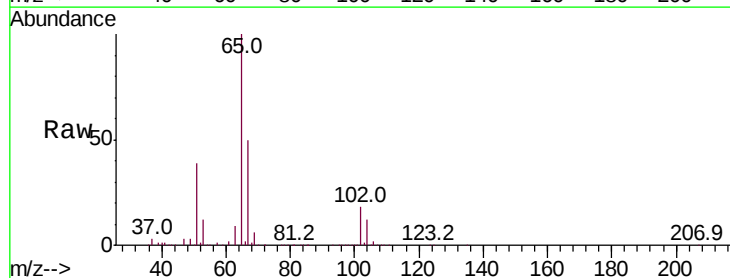
Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-S3-(1.9)

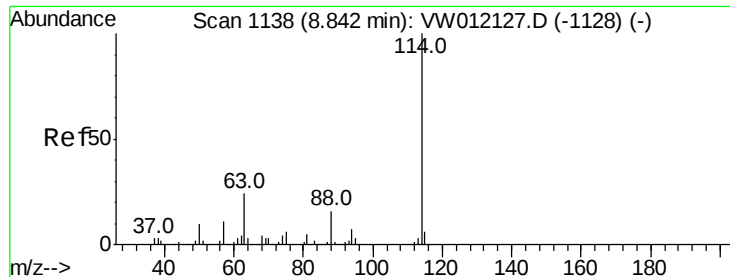
Tot Ion: 42 Resp: 3709
Ion Ratio Lower Upper
42 100
72 27.8 27.3 40.9
71 37.9 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 54.334 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012499.D
Acq: 02 Sep 2019 15:19

Tgt Ion: 65 Resp: 129555
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.6

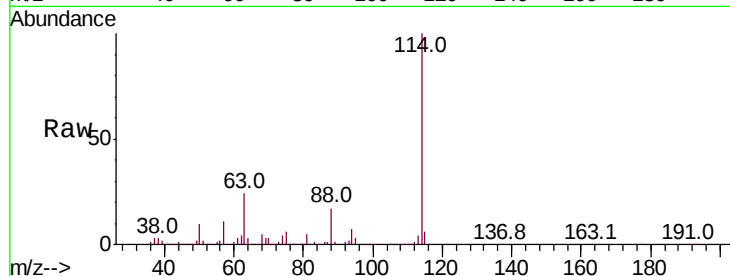




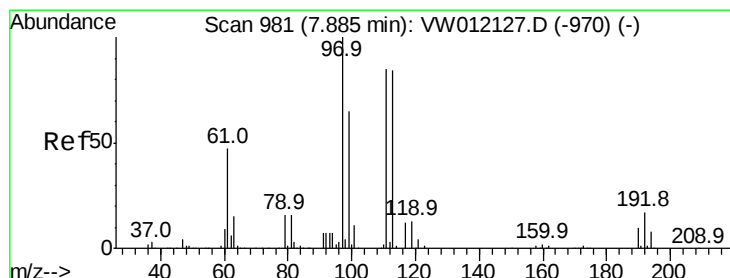
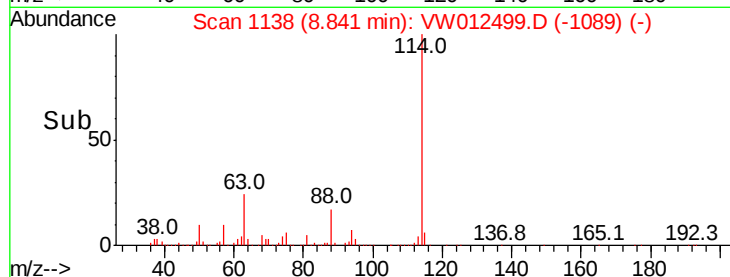
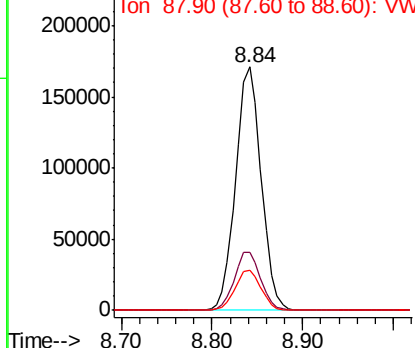
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012499.D
 Acq: 02 Sep 2019 15:19

Instrument :
 MSVOA_W
 ClientSampleId :
 T9-12-13-S3-(1.9)

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	48.6
88	16.7	0.0	32.2

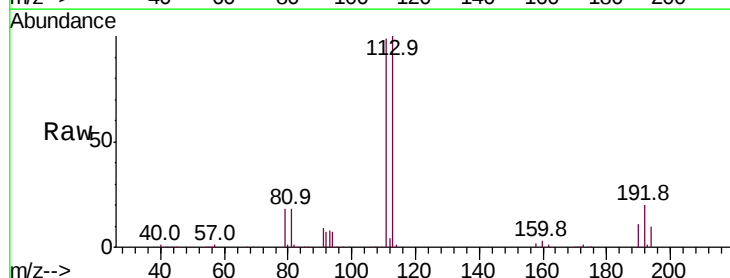


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

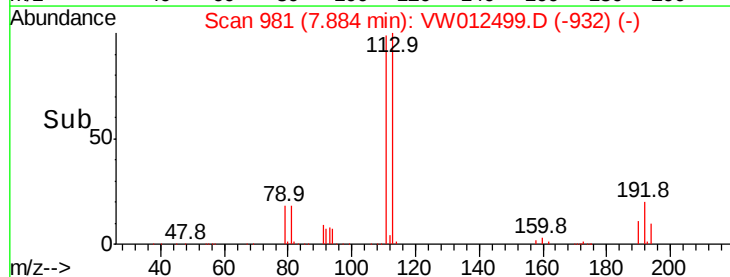
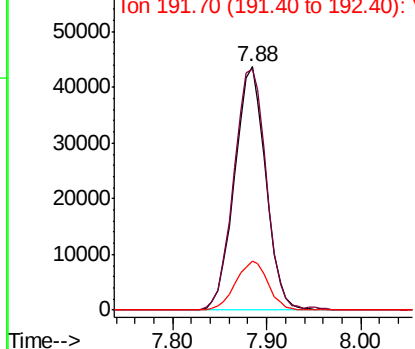


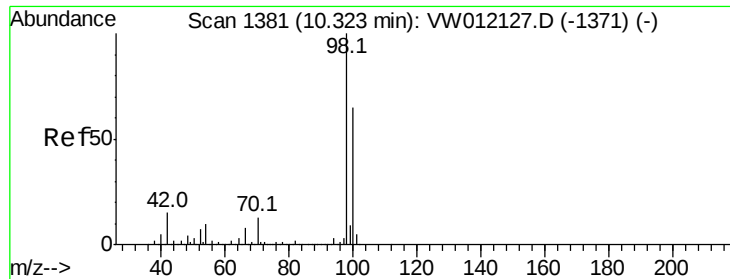
#35
 Dibromofluoromethane
 Concen: 50.674 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012499.D
 Acq: 02 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.7	124.1
192	20.8	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: 47.545 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012499.D

Acq: 02 Sep 2019 15:19

Instrument :

MSVOA_W

ClientSampleId :

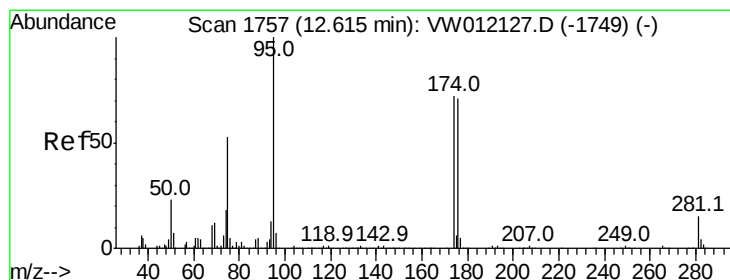
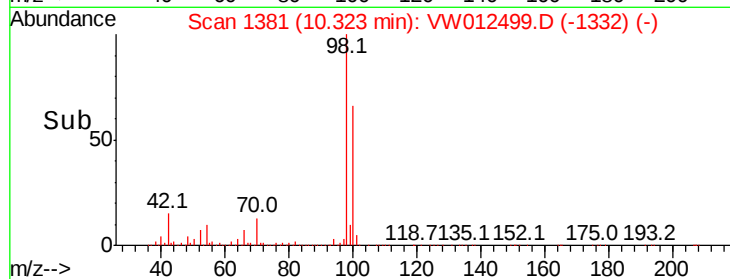
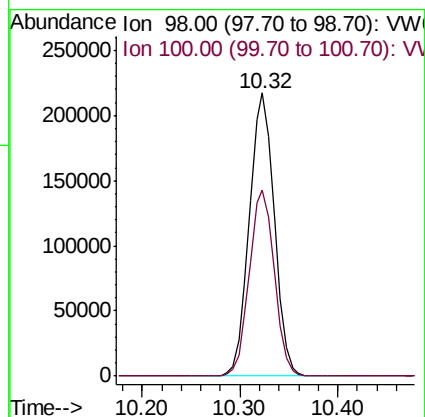
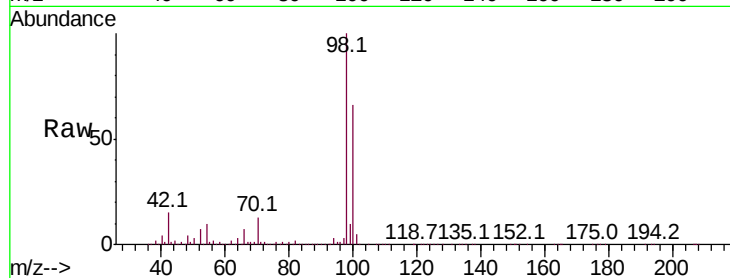
T9-12-13-S3-(1.9)

Tot Ion: 98 Resp: 383900

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 42.139 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012499.D

Acq: 02 Sep 2019 15:19

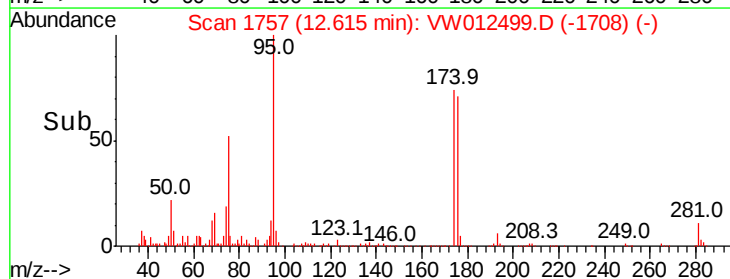
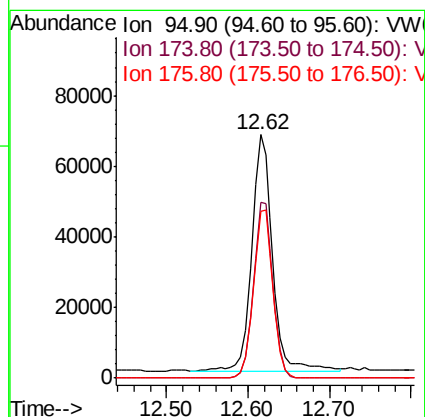
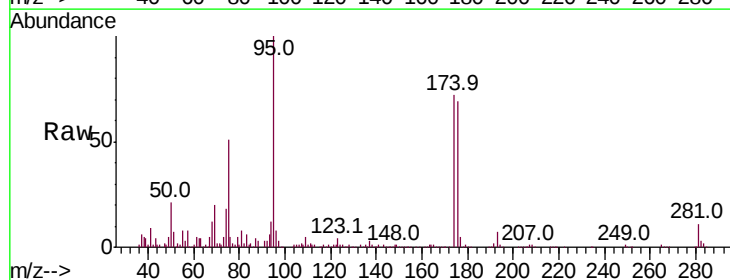
Tgt Ion: 95 Resp: 119939

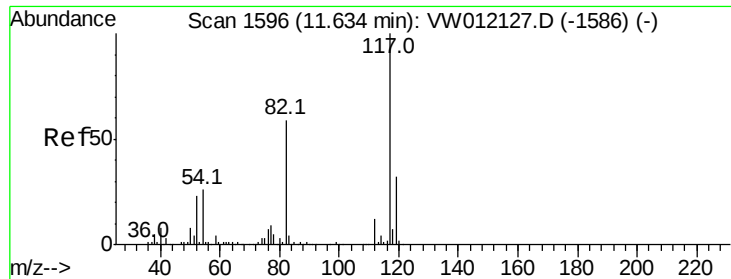
Ion Ratio Lower Upper

95 100

174 69.0 0.0 150.8

176 66.6 0.0 148.6

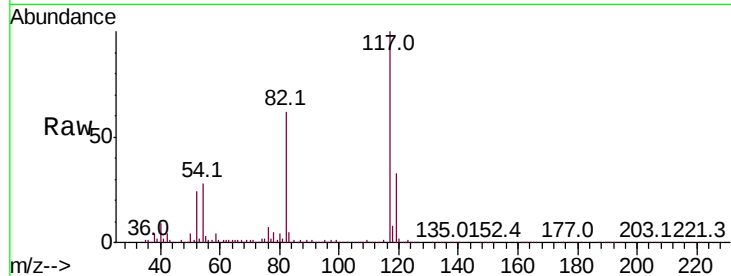




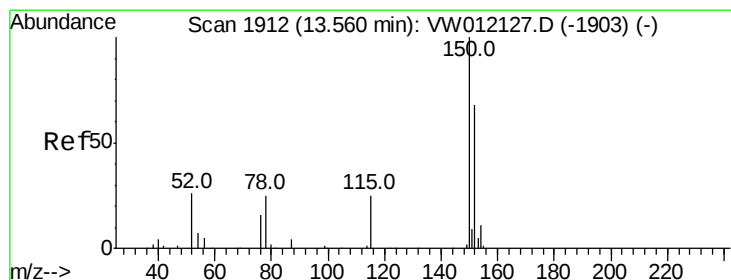
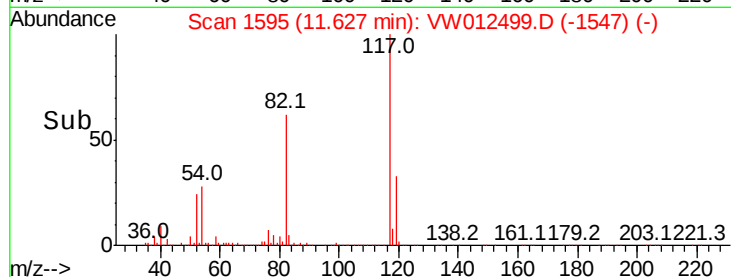
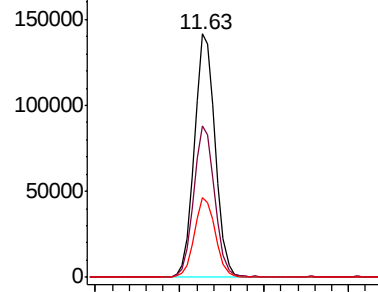
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012499.D
Acq: 02 Sep 2019 15:19

Instrument :
MSVOA_W
ClientSampleId :
T9-12-13-S3-(1.9)

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	47.4	71.2
119	32.5	25.4	38.2

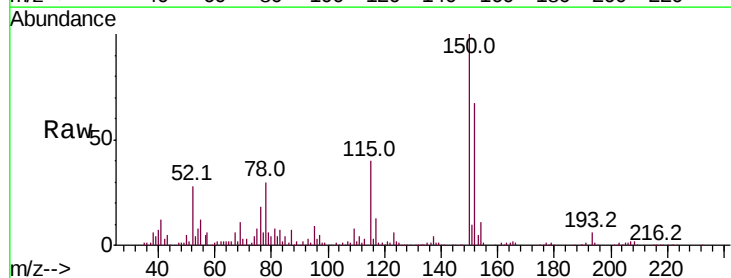


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012499.D
Acq: 02 Sep 2019 15:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	30.1	90.3
150	153.1	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

