

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012524.D
 Acq On : 03 Sep 2019 03:15
 Operator : SY/VA
 Sample : K4544-11
 Misc : 3.41G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C1-(0)

Quant Time: Sep 03 08:21:16 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

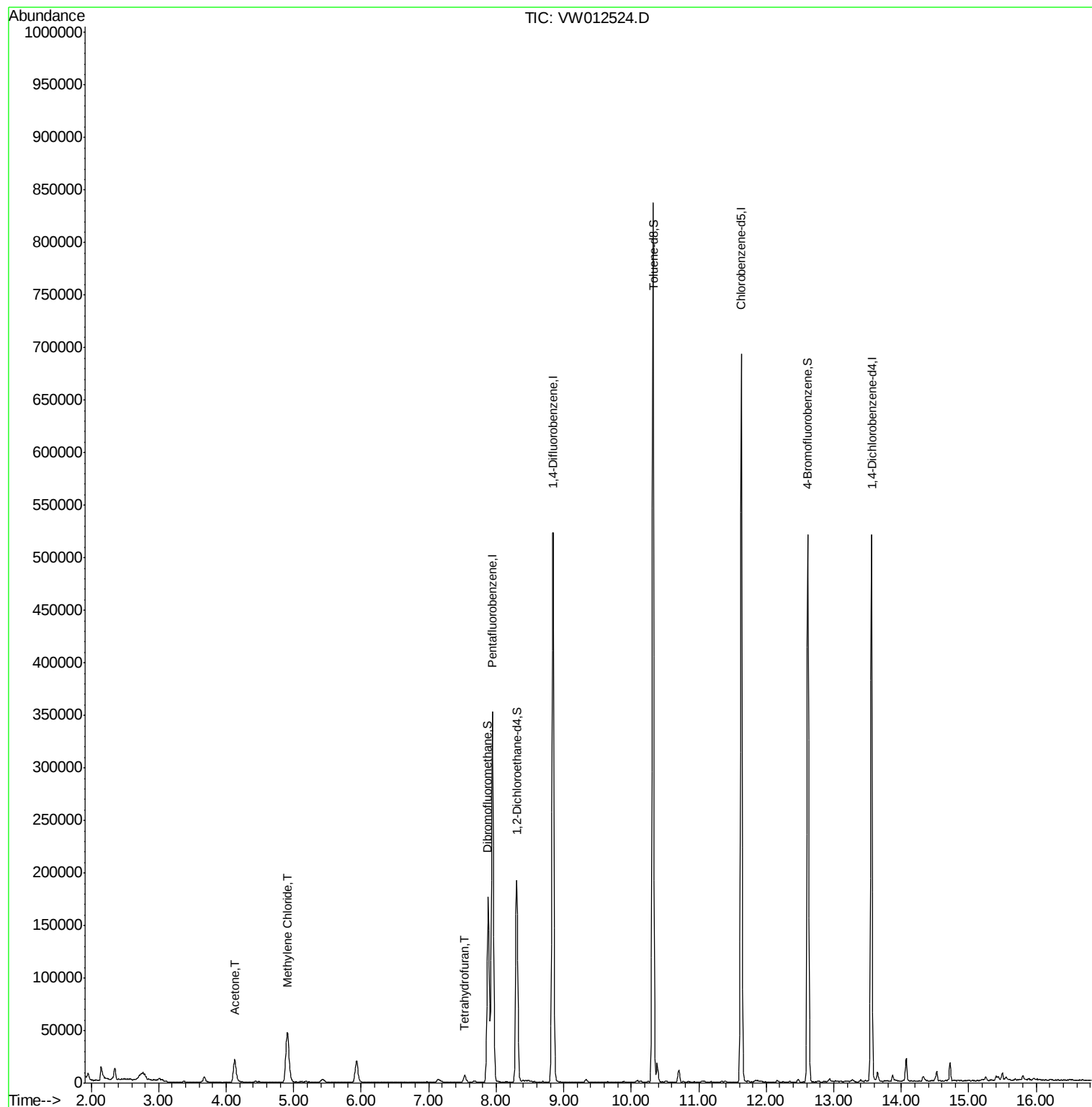
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262275	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426468	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	364842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	159164	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.88	113	126743	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.32	98	531539	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.62	95	165854	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
16) Acetone	4.12	43	42906	53.836	ug/l	99
20) Methylene Chloride	4.90	84	35277	11.709	ug/l	96
29) Tetrahydrofuran	7.53	42	5496	8.459	ug/l	95

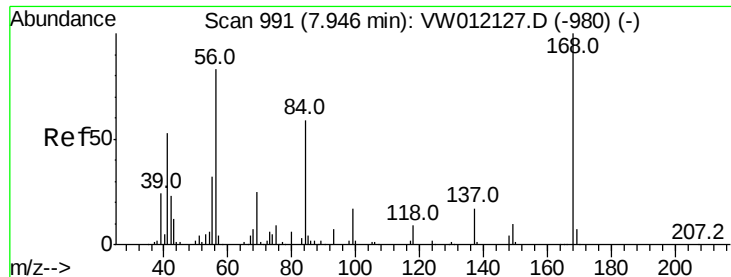
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
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QLast Update : Mon Aug 26 07:18:31 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: VW012524.D

Acq: 03 Sep 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

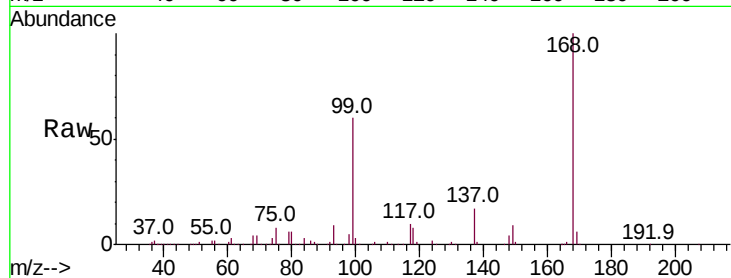
T16-17-C1-(0)

Tot Ion:168 Resp: 262275

Ion Ratio Lower Upper

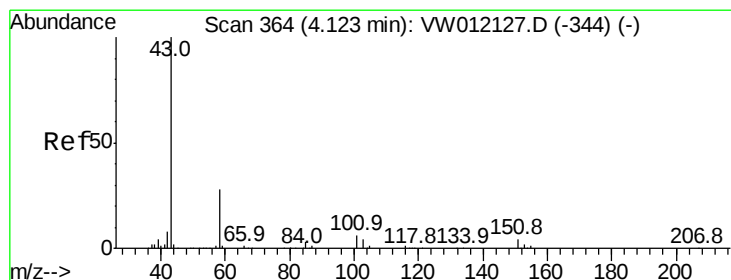
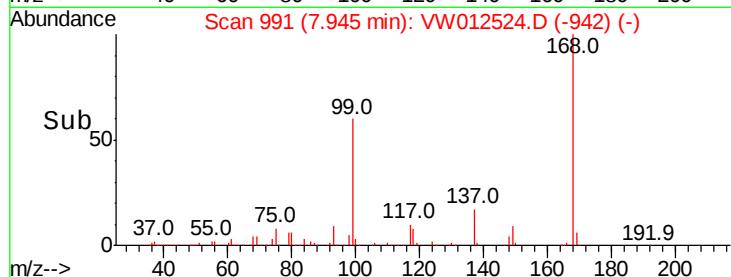
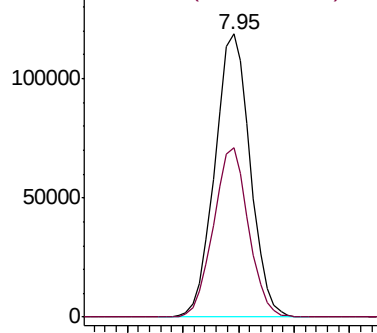
168 100

99 59.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 53.836 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012524.D

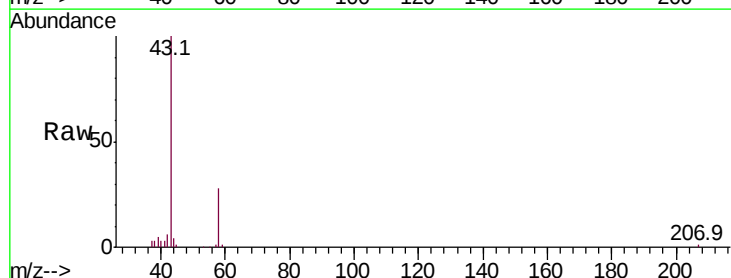
Acq: 03 Sep 2019 03:15

Tgt Ion: 43 Resp: 42906

Ion Ratio Lower Upper

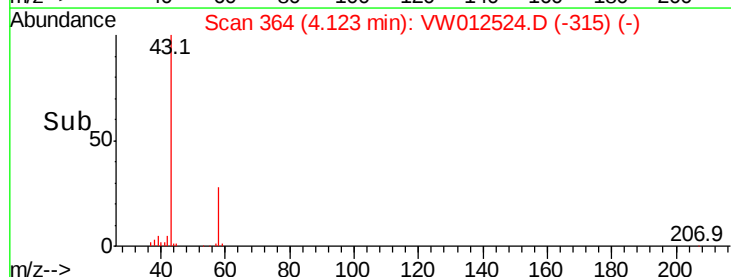
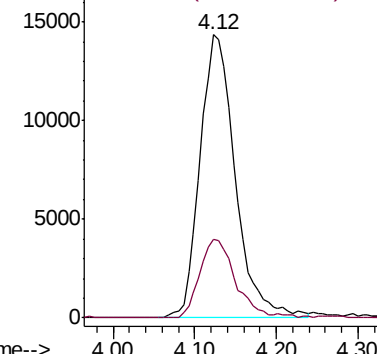
43 100

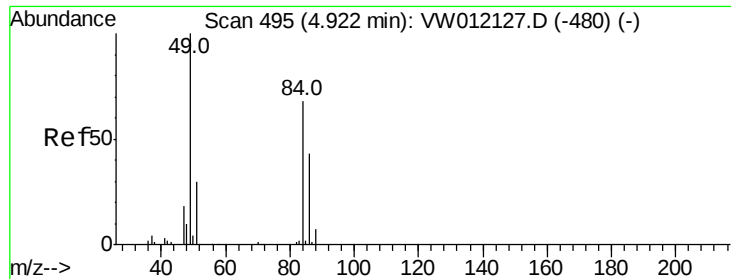
58 27.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

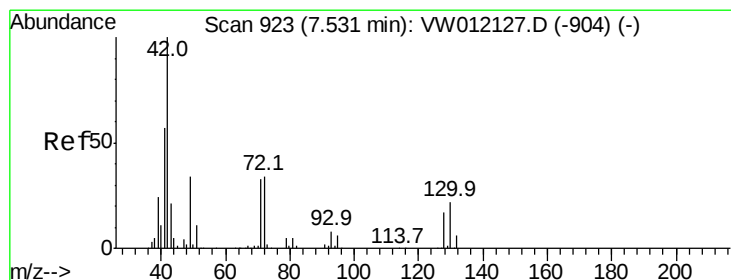
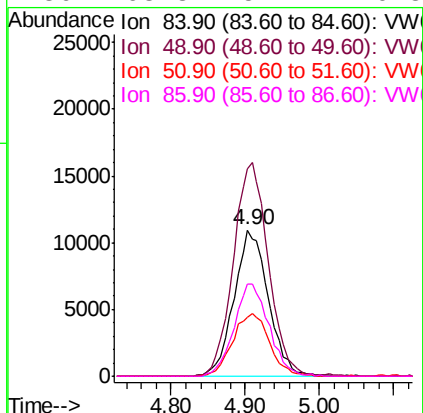
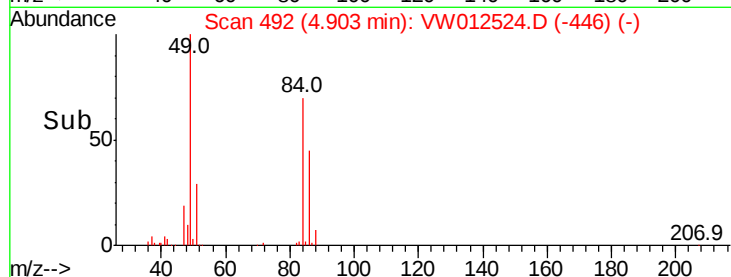
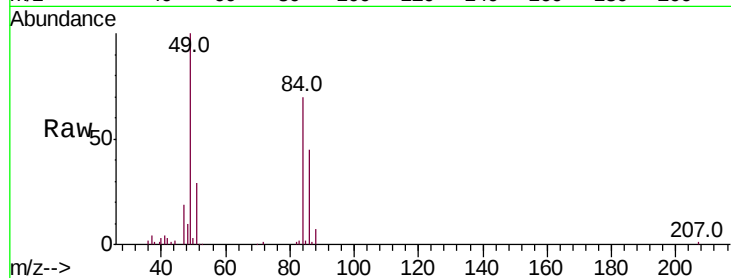




#20
Methylene Chloride
Concen: 11.709 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012524.D
Acq: 03 Sep 2019 03:15

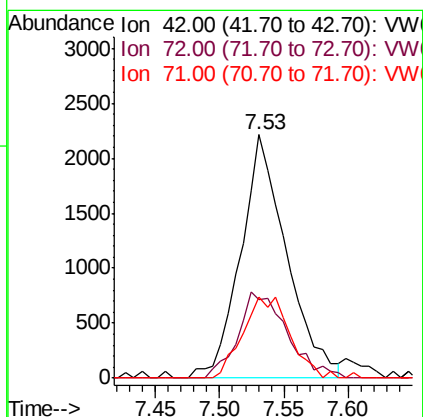
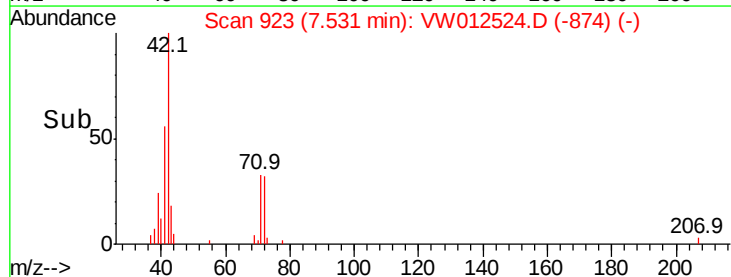
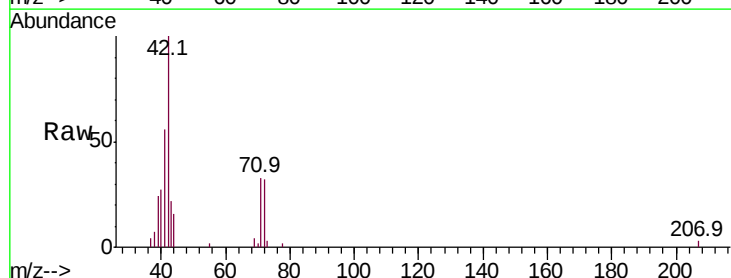
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C1-(0)

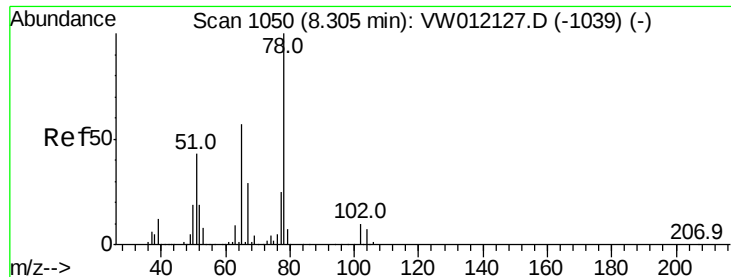
Tot Ion:	84	Resp:	35277
Ion	Ratio	Lower	Upper
84	100		
49	141.9	117.8	176.8
51	40.6	35.6	53.4
86	63.3	51.2	76.8



#29
Tetrahydrofuran
Concen: 8.459 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012524.D
Acq: 03 Sep 2019 03:15

Tgt Ion:	42	Resp:	5496
Ion	Ratio	Lower	Upper
42	100		
72	37.6	27.3	40.9
71	34.1	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 51.050 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012524.D

Acq: 03 Sep 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

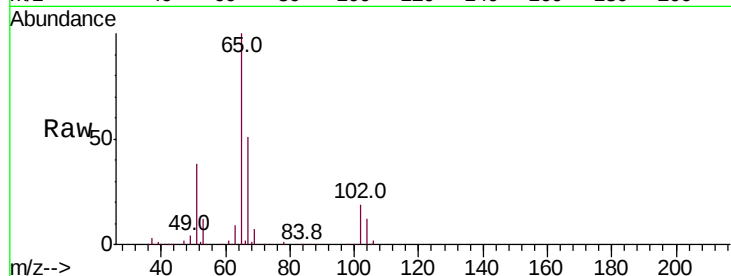
T16-17-C1-(0)

Tot Ion: 65 Resp: 159164

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

60000

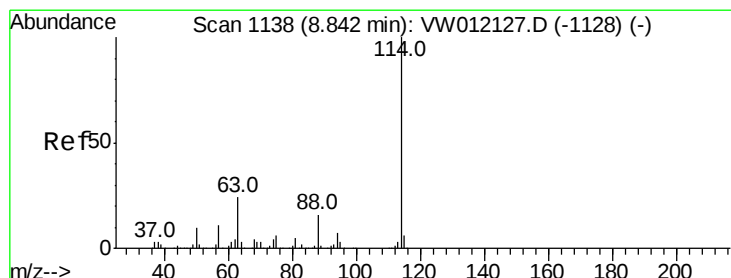
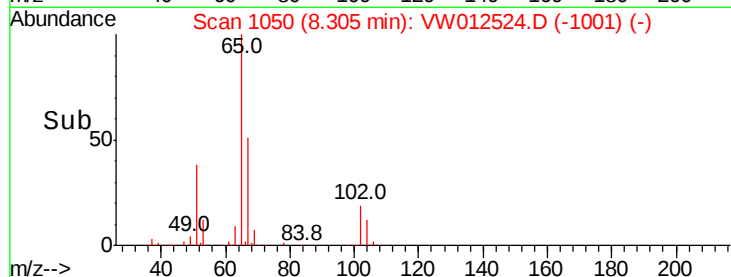
40000

20000

0

Time-->

8.20 8.30 8.40



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012524.D

Acq: 03 Sep 2019 03:15

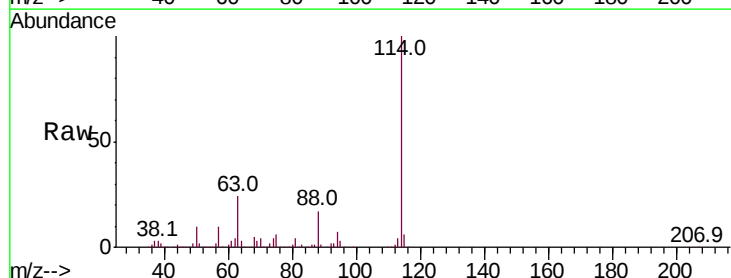
Tgt Ion: 114 Resp: 426468

Ion Ratio Lower Upper

114 100

63 23.7 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

8.84

250000

200000

150000

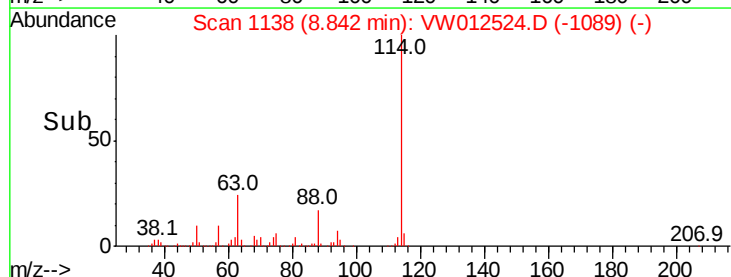
100000

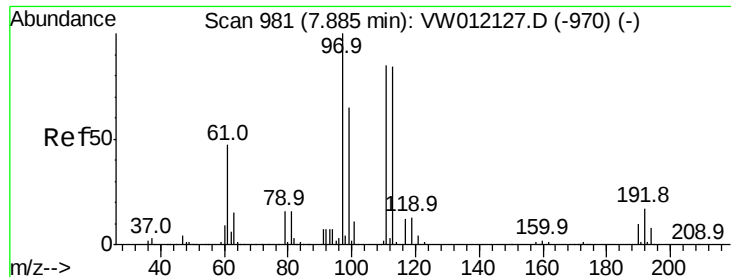
50000

0

Time-->

8.70 8.80 8.90 9.00

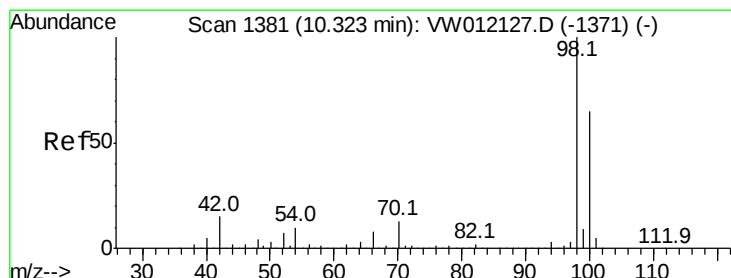
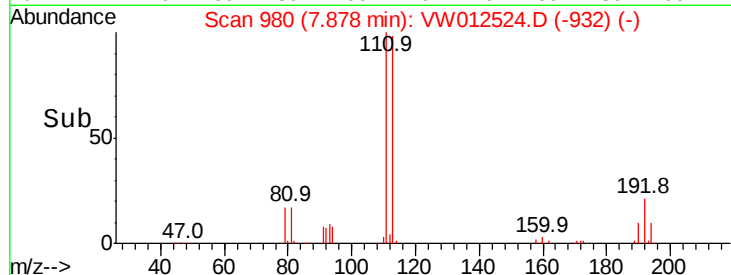
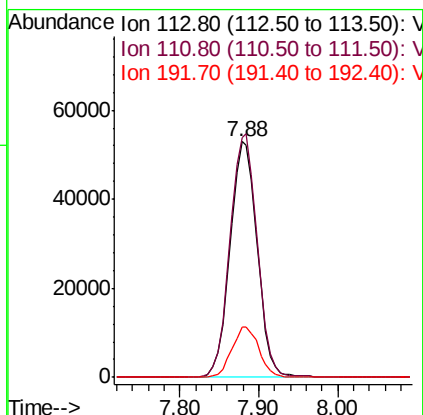
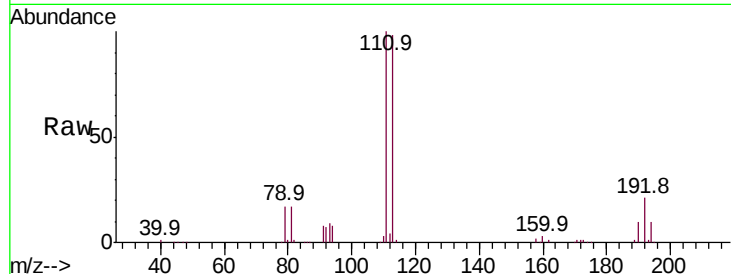




#35
 Dibromofluoromethane
 Concen: 49.789 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012524.D
 Acq: 03 Sep 2019 03:15

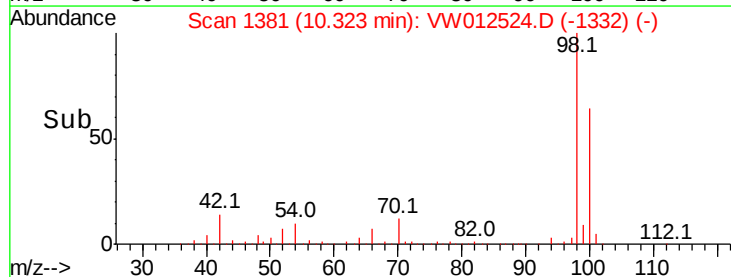
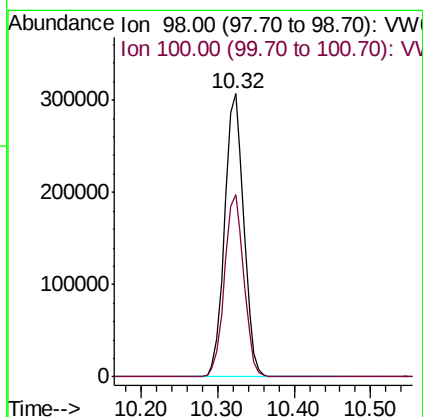
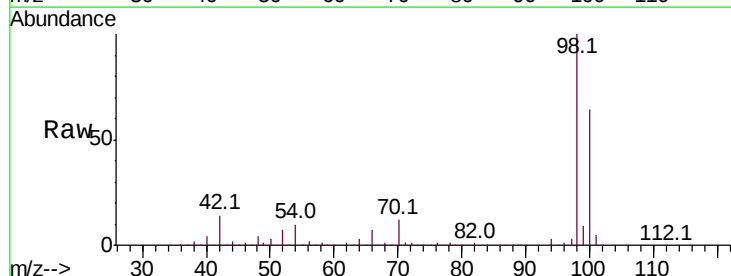
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C1-(0)

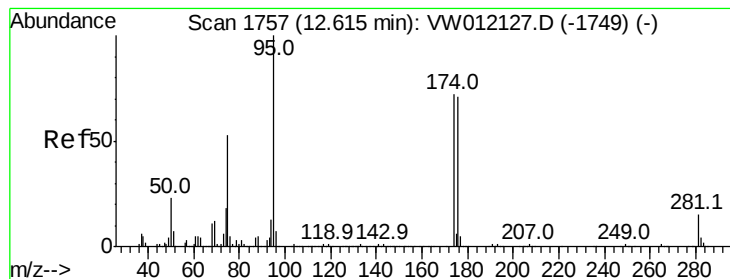
Tot Ion:113 Resp: 126743
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 21.1 16.2 24.2



#50
 Toluene-d8
 Concen: 51.497 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012524.D
 Acq: 03 Sep 2019 03:15

Tgt Ion: 98 Resp: 531539
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 45.585 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012524.D

Acq: 03 Sep 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C1-(0)

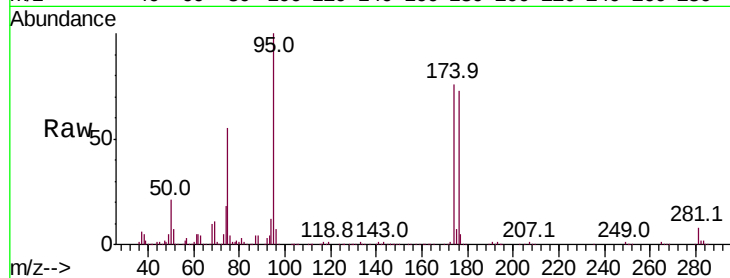
Tot Ion: 95 Resp: 165854

Ion Ratio Lower Upper

95 100

174 79.4 0.0 150.8

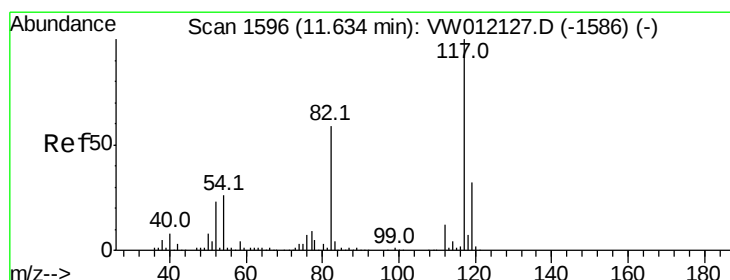
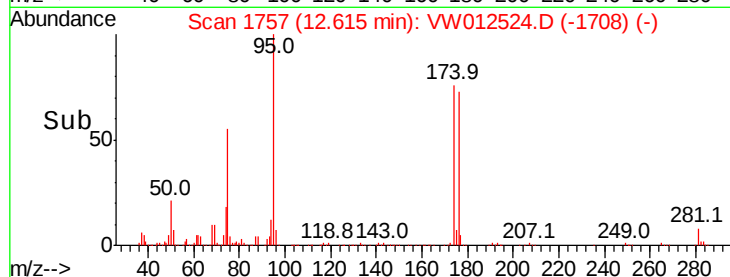
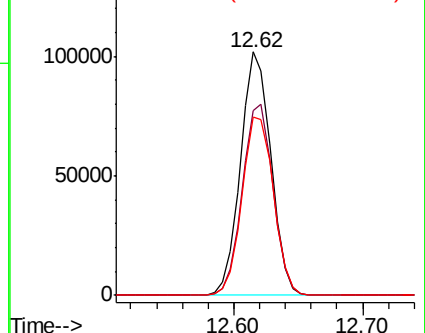
176 76.4 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012524.D

Acq: 03 Sep 2019 03:15

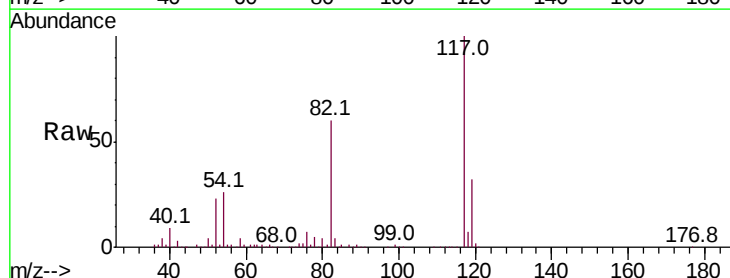
Tgt Ion: 117 Resp: 364842

Ion Ratio Lower Upper

117 100

82 60.2 47.4 71.2

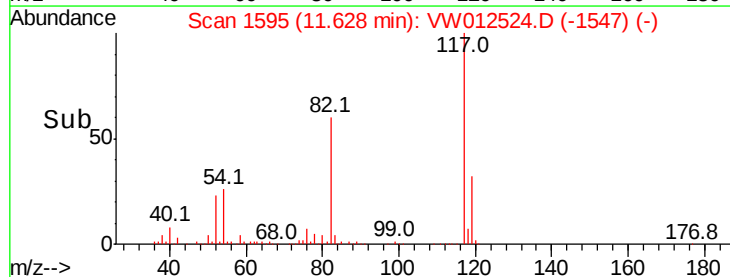
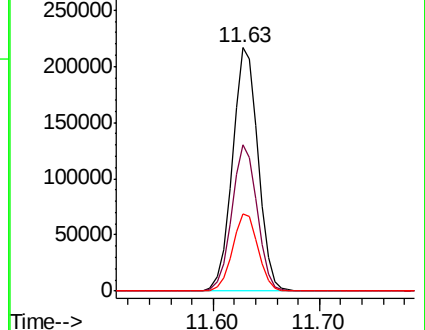
119 31.8 25.4 38.2

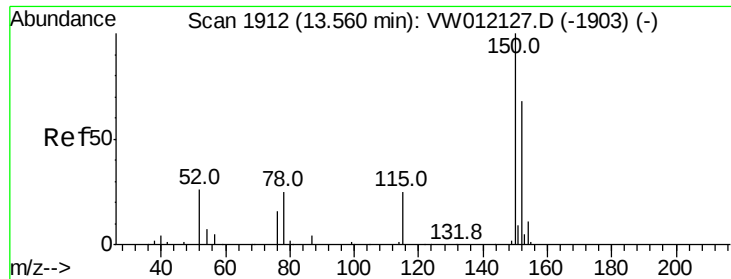


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012524.D

Acq: 03 Sep 2019 03:15

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C1-(0)

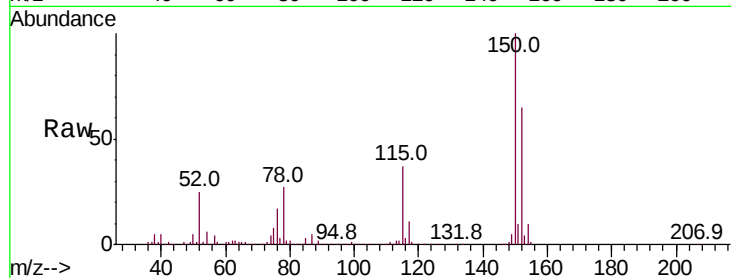
Tot Ion:152 Resp: 133809

Ion Ratio Lower Upper

152 100

115 59.0 30.1 90.3

150 155.6 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

