

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012520.D
 Acq On : 03 Sep 2019 01:31
 Operator : SY/VA
 Sample : K4544-06
 Misc : 4.13G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B1-(2.25)

Quant Time: Sep 03 08:14:17 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

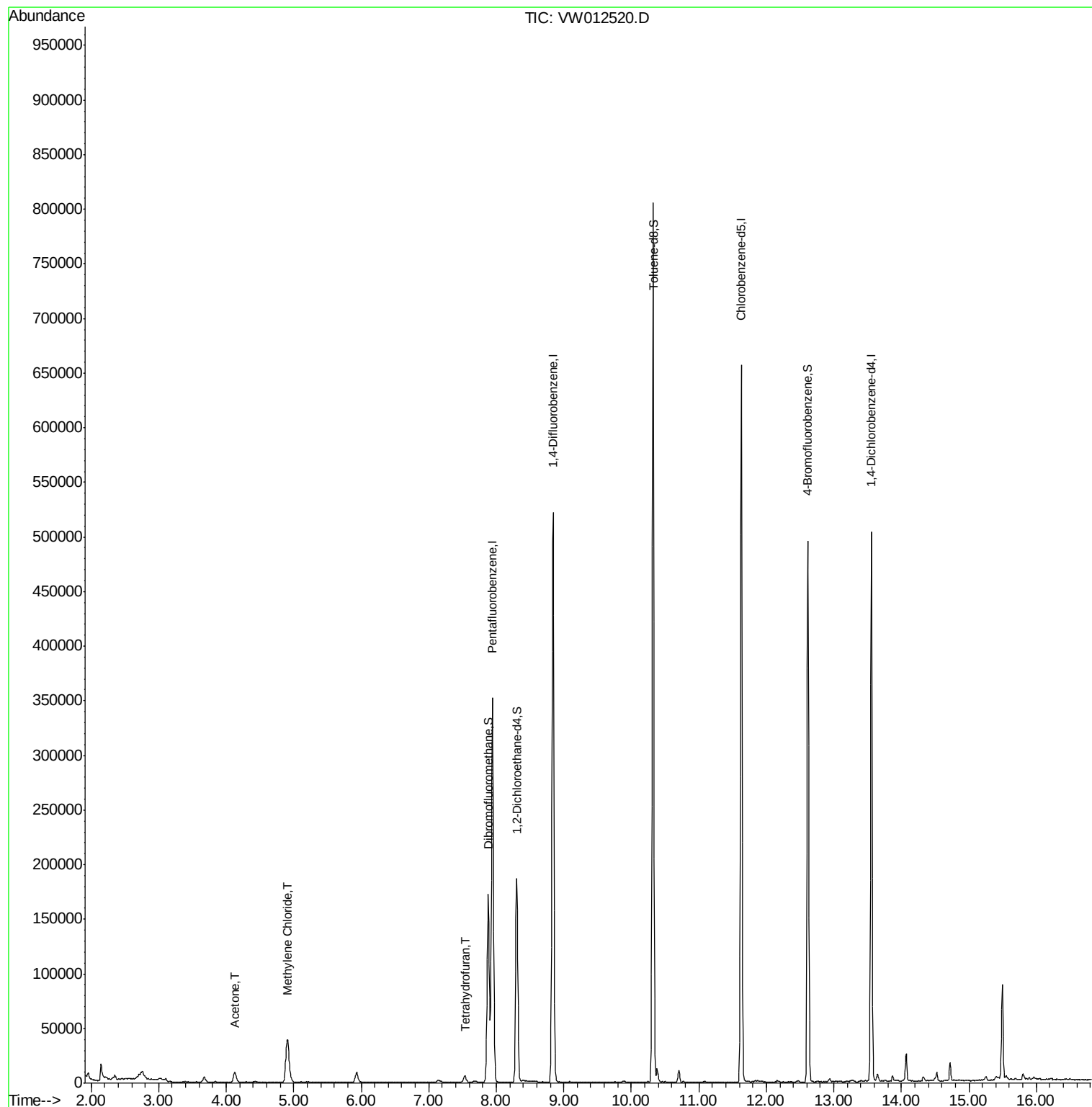
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	262127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	420521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	339524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130627	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	152775	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.88	113	125449	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.32	98	504969	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.62	95	156098	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	
Target Compounds						
16) Acetone	4.12	43	18893	23.719	ug/l	96
20) Methylene Chloride	4.90	84	29637	9.842	ug/l	95
29) Tetrahydrofuran	7.53	42	5420	8.346	ug/l	98

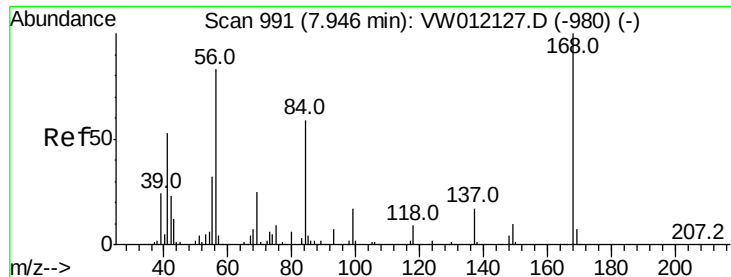
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090219\
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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: VW012520.D

Acq: 03 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

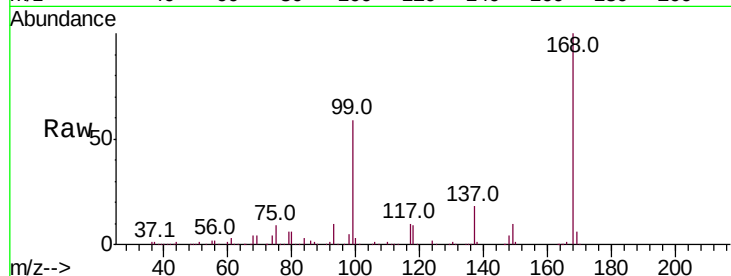
T16-17-B1-(2.25)

Tot Ion:168 Resp: 262127

Ion Ratio Lower Upper

168 100

99 58.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

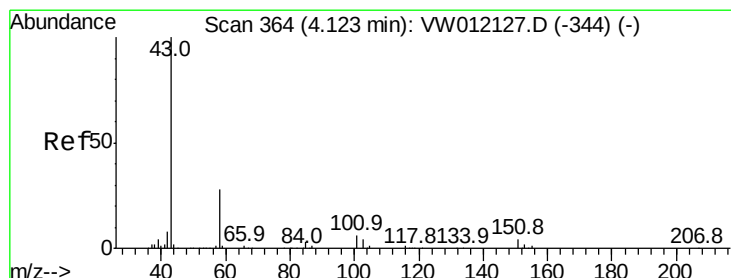
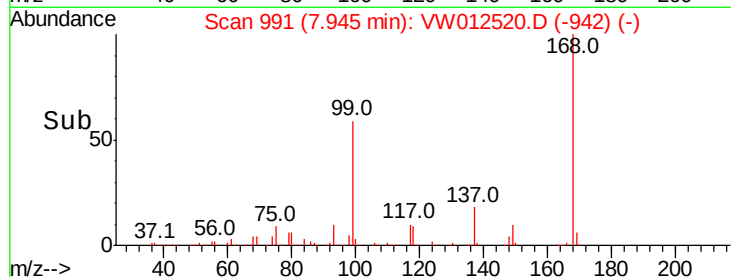
7.95

100000

50000

0

Time-->



#16

Acetone

Concen: 23.719 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012520.D

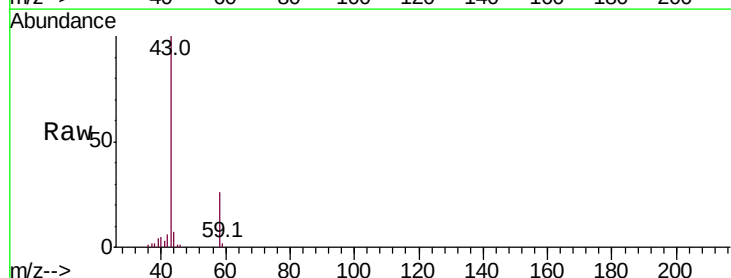
Acq: 03 Sep 2019 01:31

Tgt Ion: 43 Resp: 18893

Ion Ratio Lower Upper

43 100

58 25.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

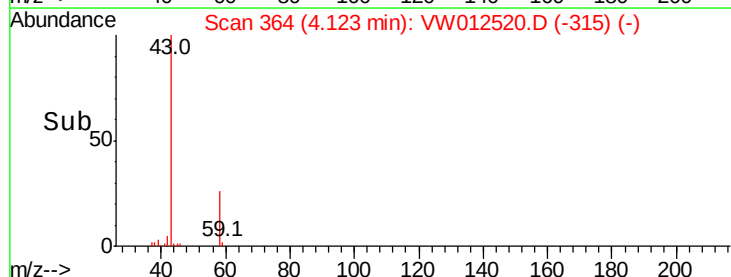
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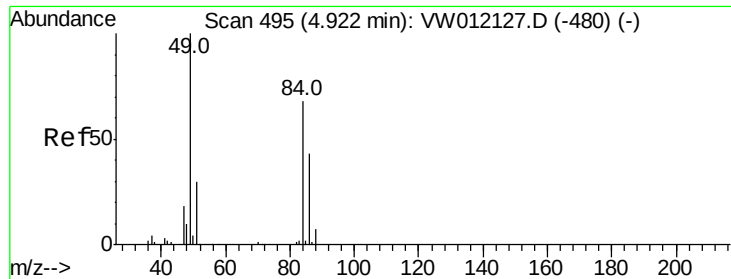
4000

2000

0

Time-->

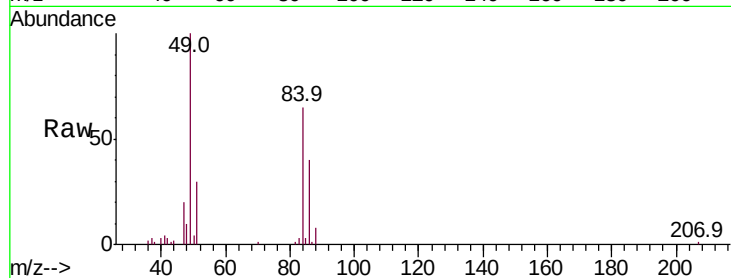




#20
Methylene Chloride
Concen: 9.842 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012520.D
Acq: 03 Sep 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
T16-17-B1-(2.25)

Tot Ion:	84	Resp:	29637
Ion	Ratio	Lower	Upper
84	100		
49	154.8	117.8	176.8
51	46.9	35.6	53.4
86	61.9	51.2	76.8



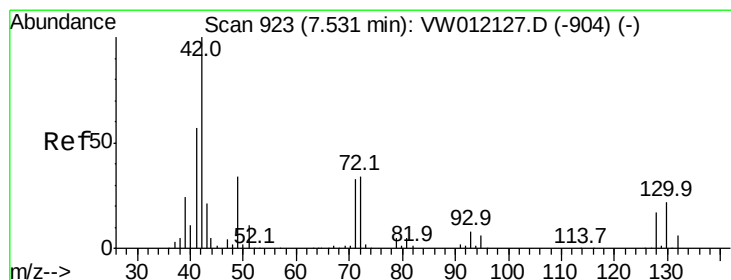
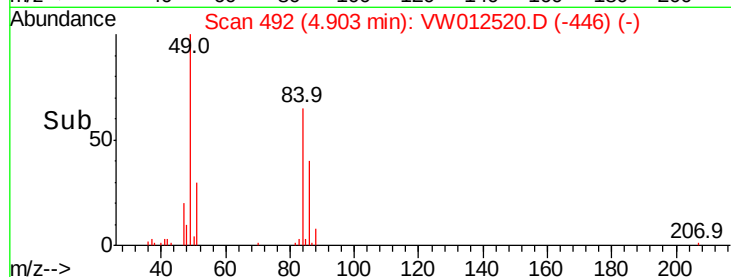
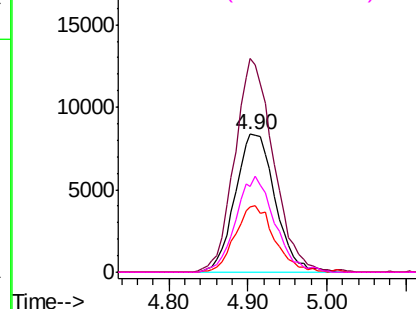
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

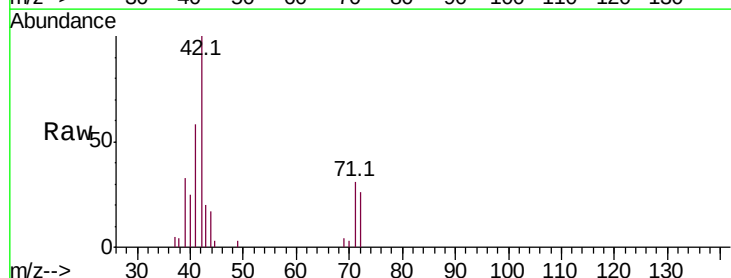
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#29
Tetrahydrofuran
Concen: 8.346 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012520.D
Acq: 03 Sep 2019 01:31

Tgt Ion:	42	Resp:	5420
Ion	Ratio	Lower	Upper
42	100		
72	33.0	27.3	40.9
71	32.9	25.5	38.3

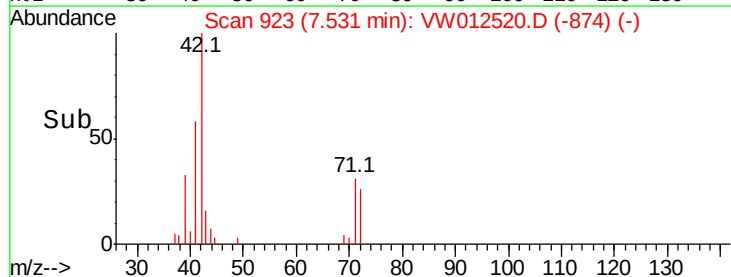
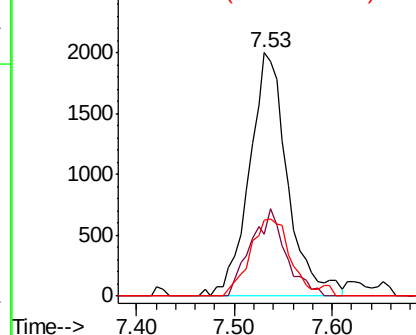


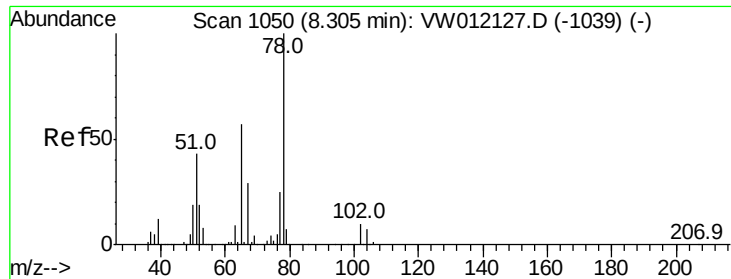
Abundance

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

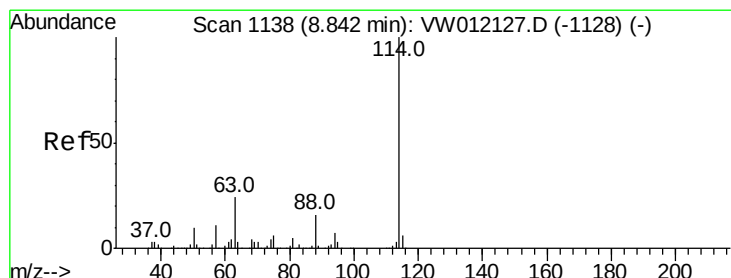
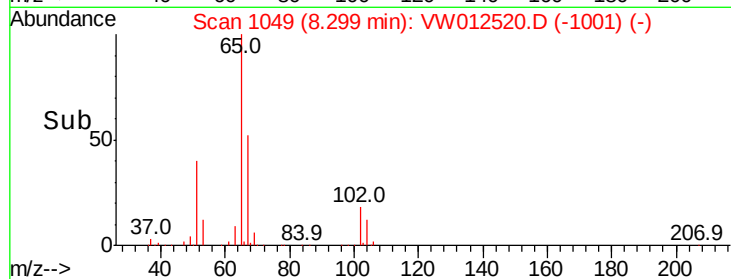
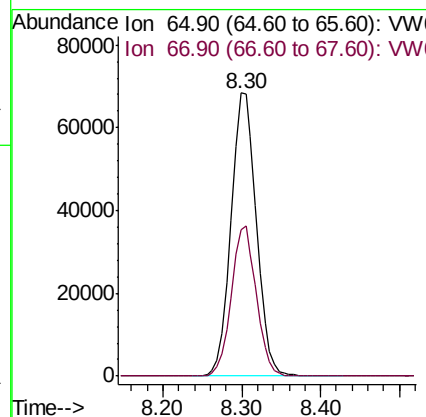
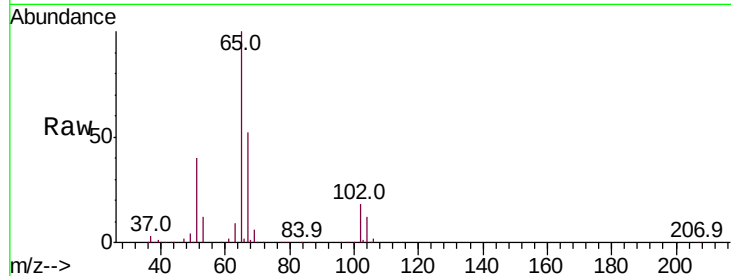




#33
 1,2-Dichloroethane-d4
 Concen: 49.028 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012520.D
 Acq: 03 Sep 2019 01:31

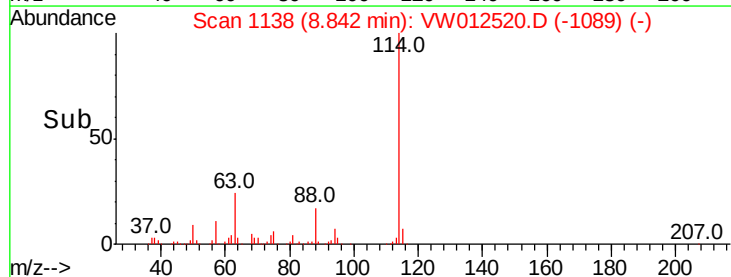
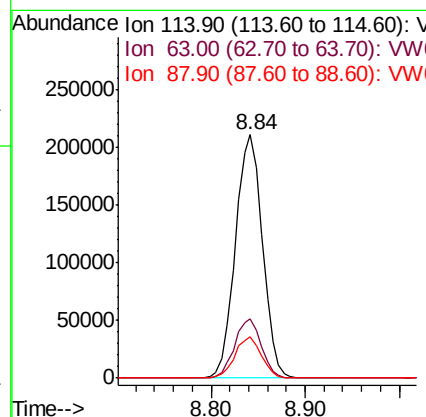
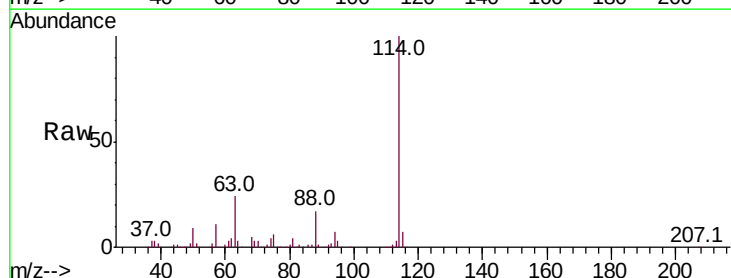
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-B1-(2.25)

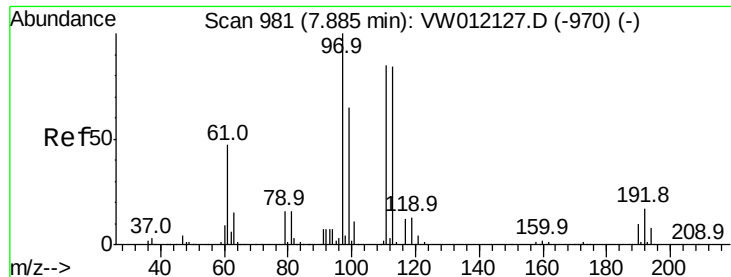
Tot Ion: 65 Resp: 152775
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012520.D
 Acq: 03 Sep 2019 01:31

Tgt Ion: 114 Resp: 420521
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.8 0.0 32.2

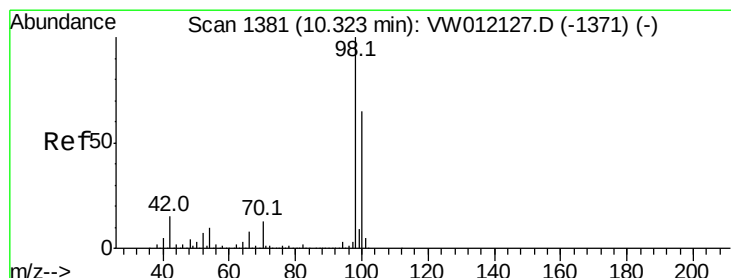
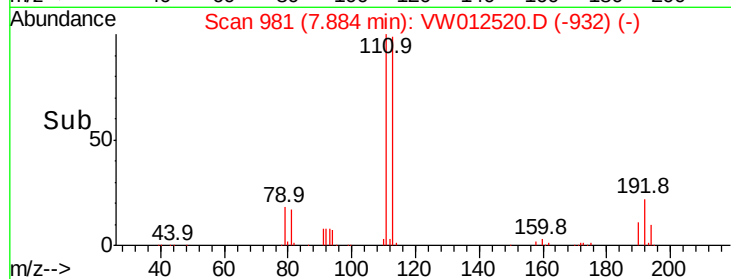
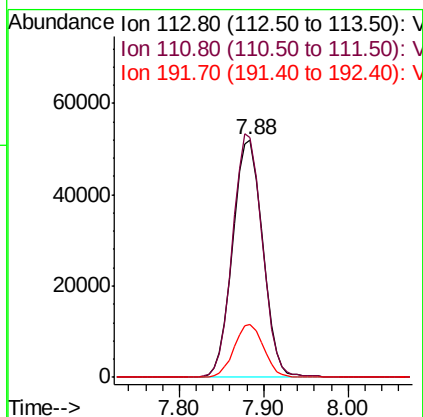
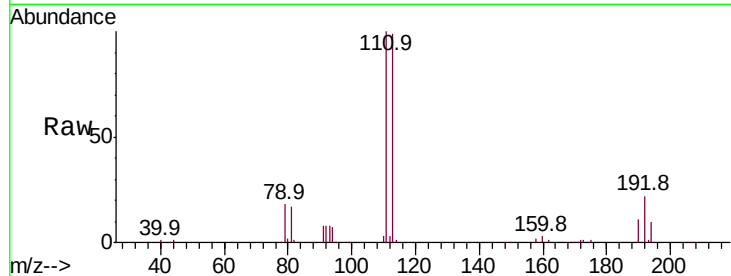




#35
 Dibromofluoromethane
 Concen: 49.978 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012520.D
 Acq: 03 Sep 2019 01:31

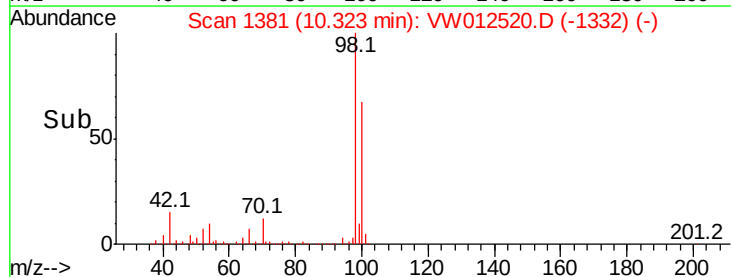
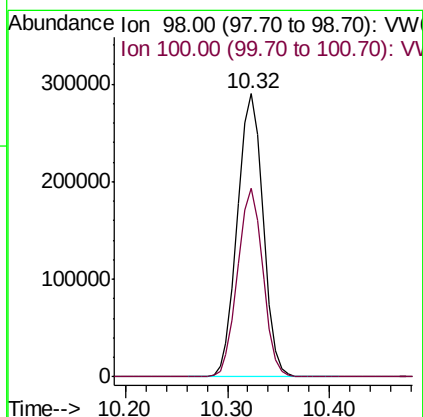
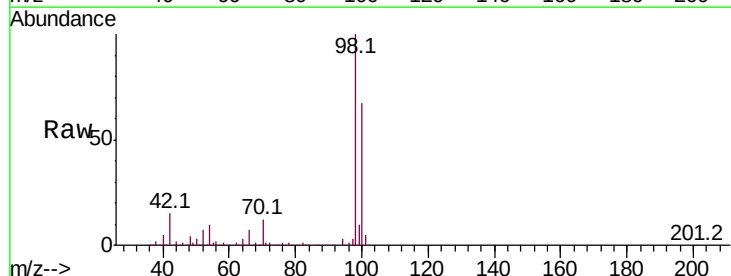
Instrument :
 MSVOA_W
 ClientSampled :
 T16-17-B1-(2.25)

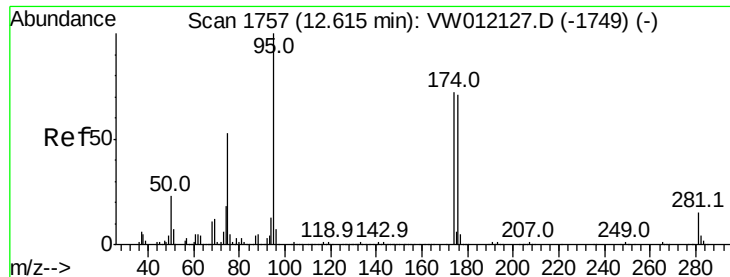
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	21.7	16.2	24.2



#50
 Toluene-d8
 Concen: 49.615 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012520.D
 Acq: 03 Sep 2019 01:31

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.4	78.6

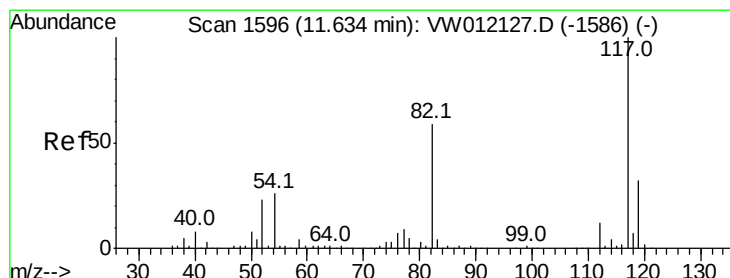
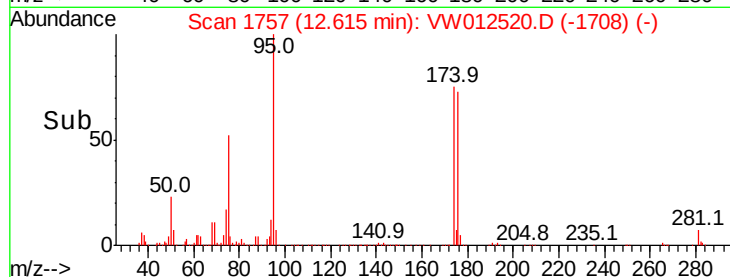
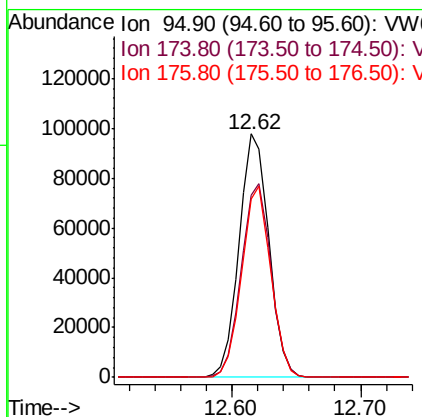
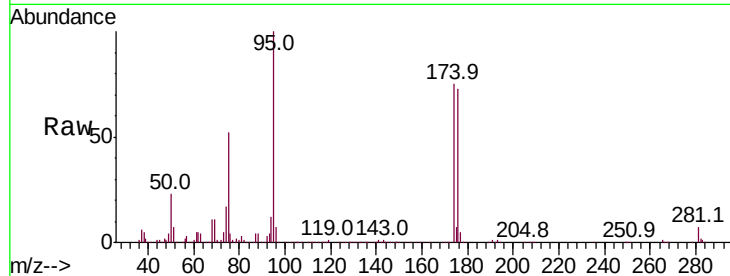




#62
4-Bromofluorobenzene
Concen: 43.510 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012520.D
Acq: 03 Sep 2019 01:31

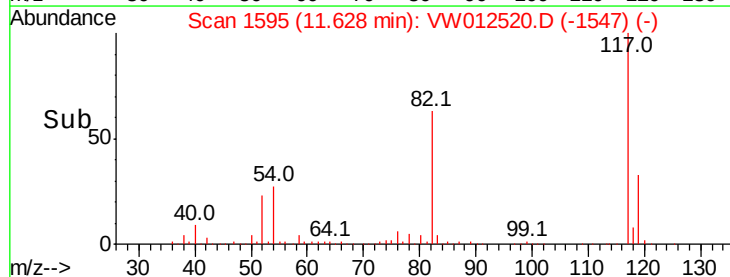
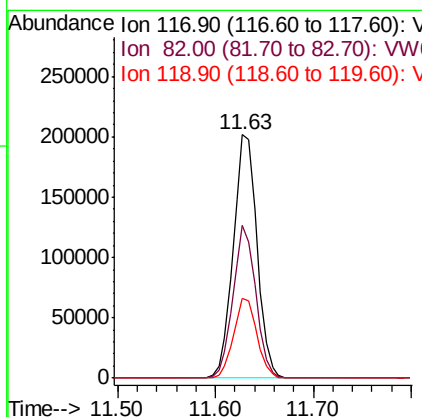
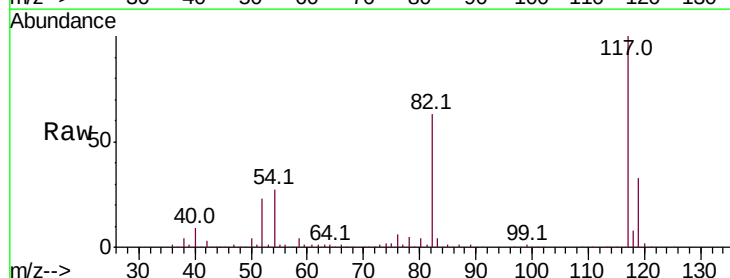
Instrument :
MSVOA_W
ClientSampleId :
T16-17-B1-(2.25)

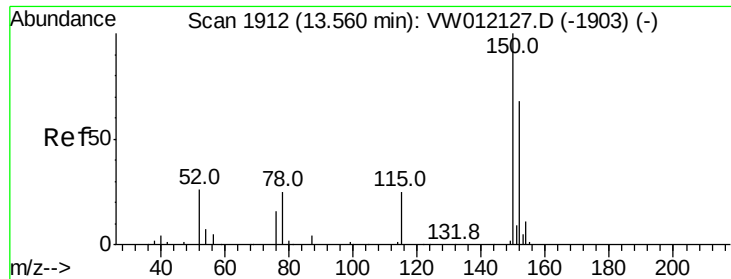
Tot Ion	95	Resp	156098
Ion Ratio	Lower	Upper	
95	100		
174	79.4	0.0	150.8
176	76.6	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012520.D
Acq: 03 Sep 2019 01:31

Tgt Ion	117	Resp	339524
Ion Ratio	Lower	Upper	
117	100		
82	62.7	47.4	71.2
119	32.7	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: VW012520.D

Acq: 03 Sep 2019 01:31

Instrument :

MSVOA_W

ClientSampleId :

T16-17-B1-(2.25)

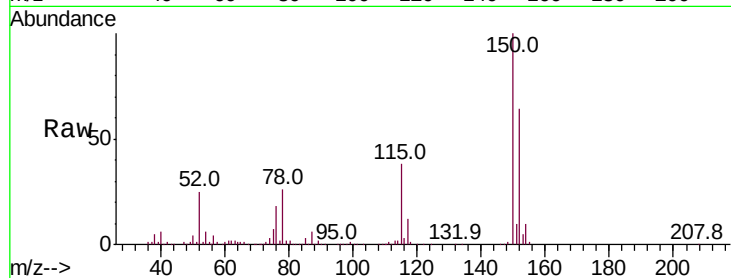
Tot Ion:152 Resp: 130627

Ion Ratio Lower Upper

152 100

115 59.8 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

