

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012528.D
 Acq On : 03 Sep 2019 04:58
 Operator : SY/VA
 Sample : K4544-15
 Misc : 5.04G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C1-(2.25)

Quant Time: Sep 03 08:30:00 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

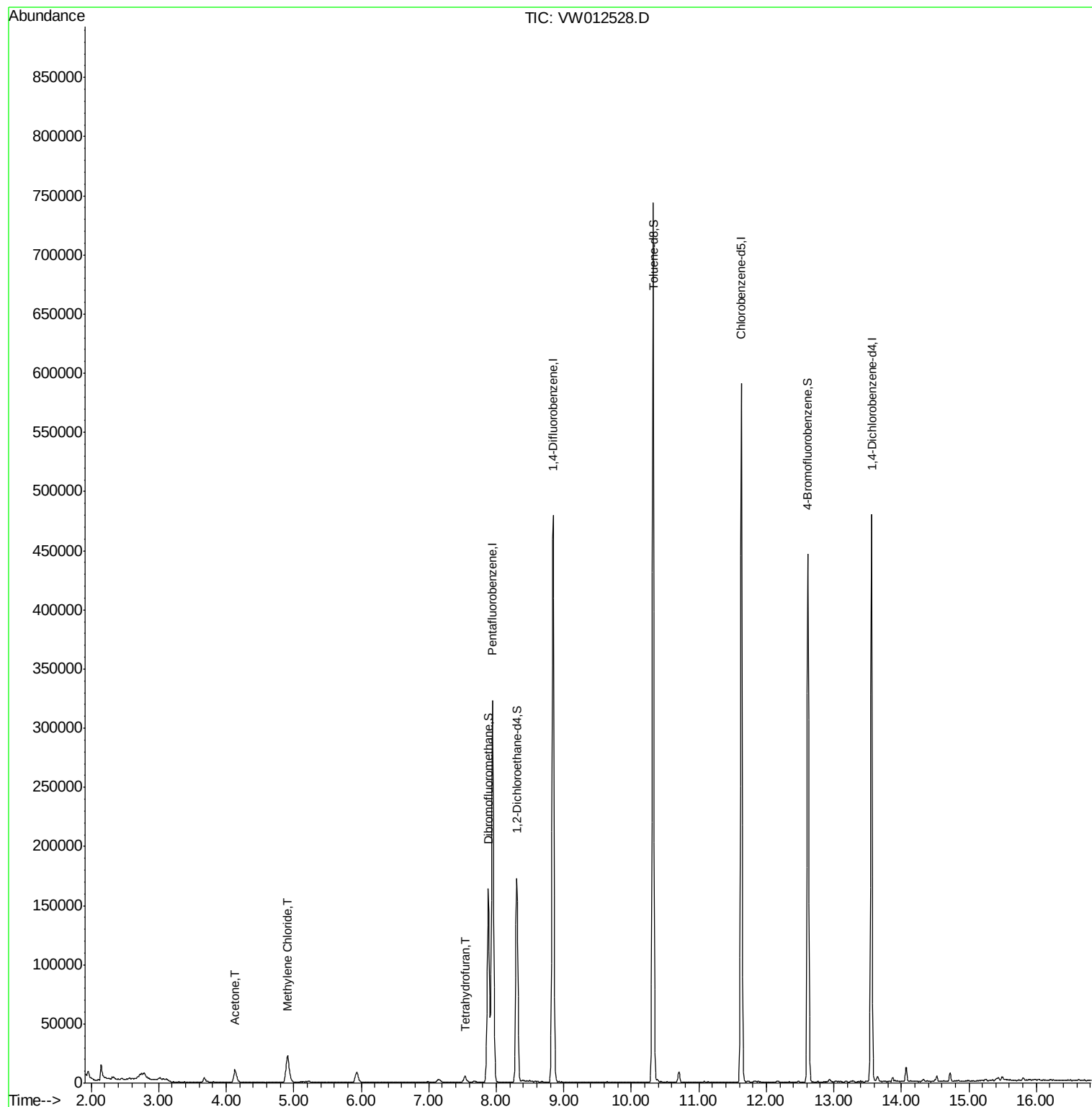
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	386587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	121660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141698	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
35) Dibromofluoromethane	7.88	113	115063	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	10.32	98	464114	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.62	95	142676	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
16) Acetone	4.14	43	20877	29.201	ug/l	97
20) Methylene Chloride	4.91	84	16736	6.192	ug/l	95
29) Tetrahydrofuran	7.54	42	4778	8.197	ug/l	98

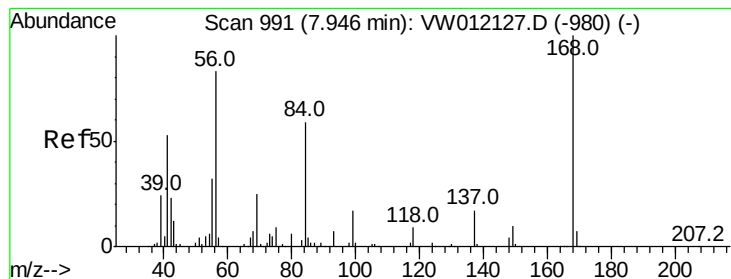
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012528.D

Acq: 03 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

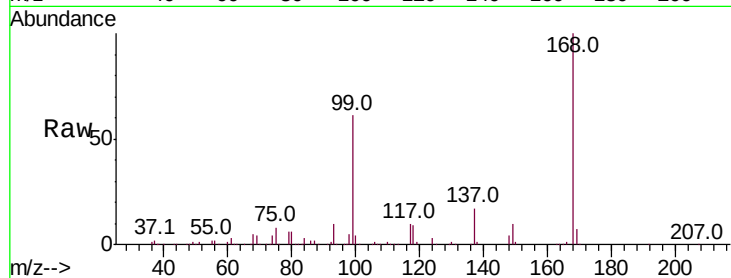
T16-17-C1-(2.25)

Tot Ion:168 Resp: 235278

Ion Ratio Lower Upper

168 100

99 61.4 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

120000

100000

80000

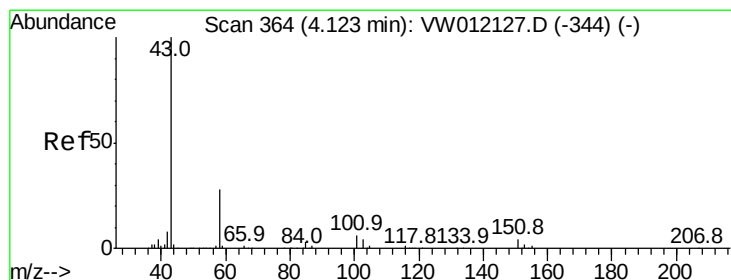
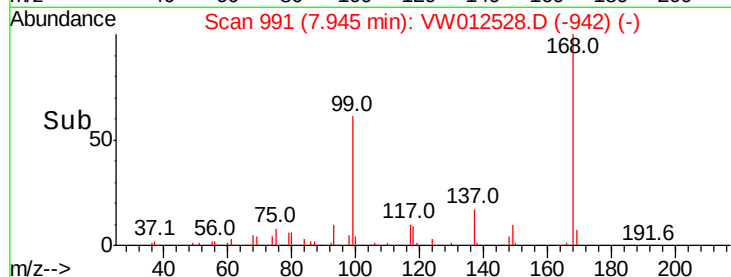
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 29.201 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012528.D

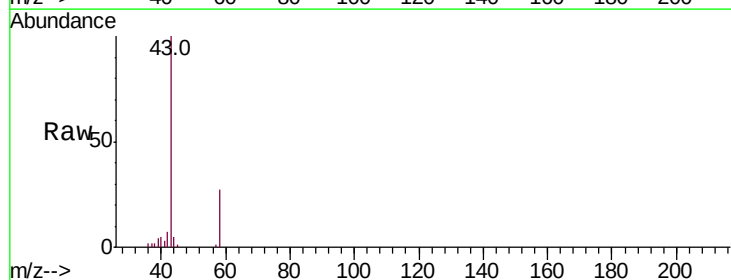
Acq: 03 Sep 2019 04:58

Tgt Ion: 43 Resp: 20877

Ion Ratio Lower Upper

43 100

58 26.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

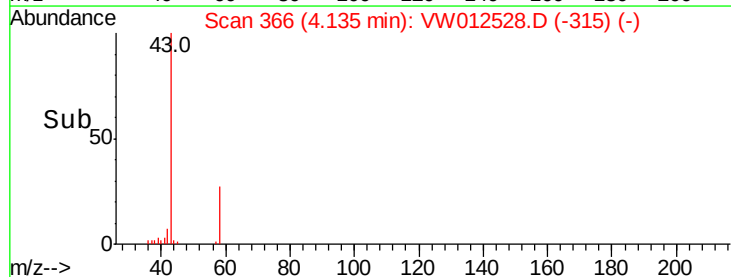
6000

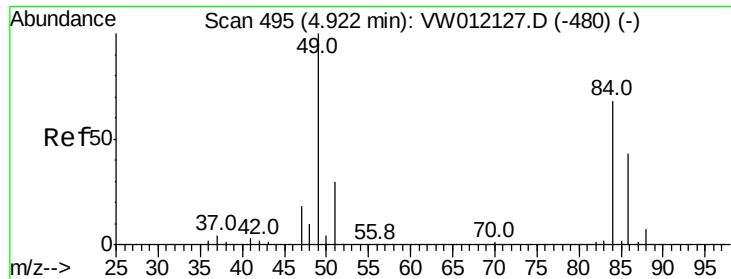
4000

2000

0

Time--> 4.00 4.10 4.20

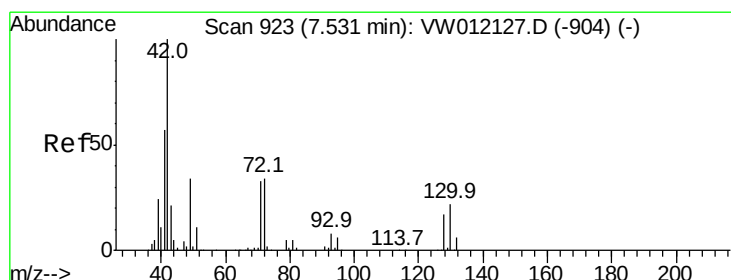
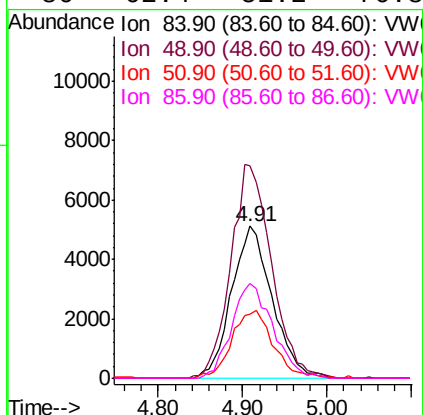
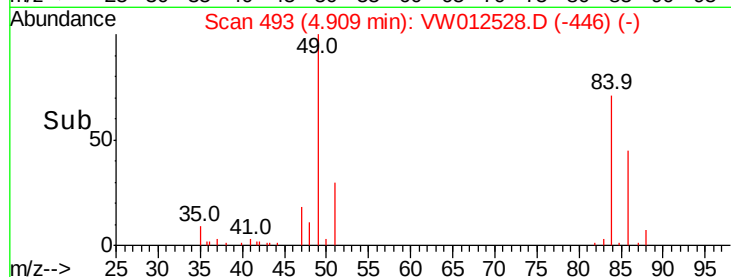
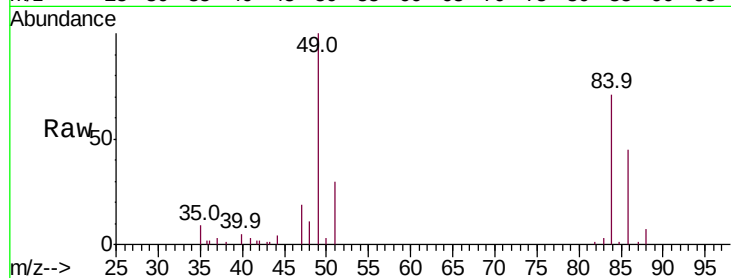




#20
Methvlene Chloride
Concen: 6.192 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012528.D
Acq: 03 Sep 2019 04:58

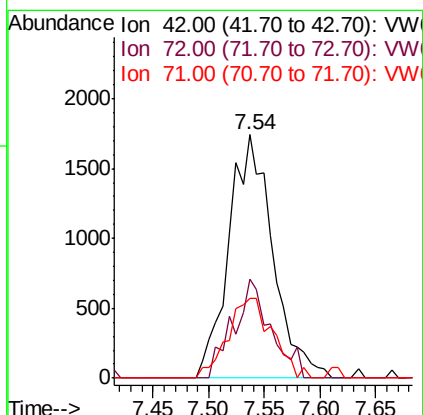
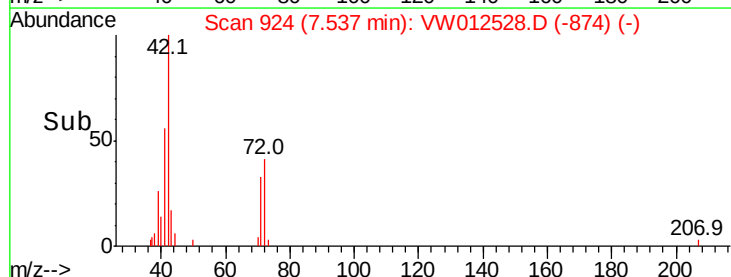
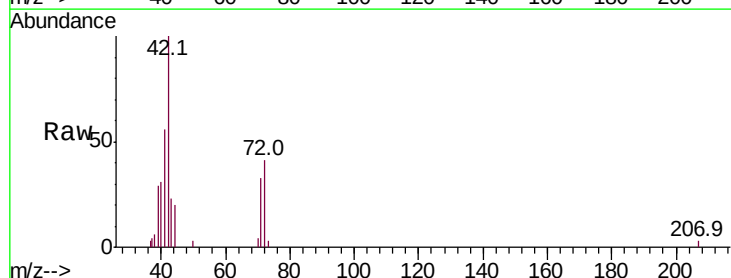
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C1-(2.25)

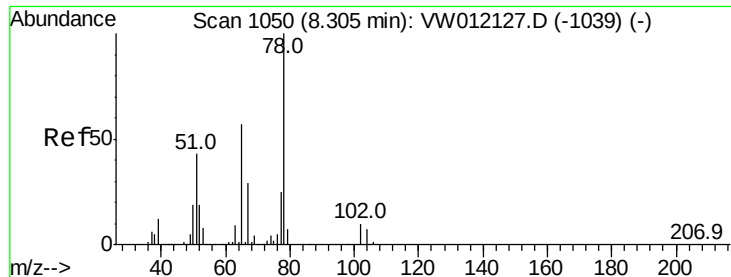
Tot Ion:	84	Resp:	16736
Ion	Ratio	Lower	Upper
84	100		
49	140.1	117.8	176.8
51	41.9	35.6	53.4
86	62.4	51.2	76.8



#29
Tetrahydrofuran
Concen: 8.197 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012528.D
Acq: 03 Sep 2019 04:58

Tgt Ion:	42	Resp:	4778
Ion	Ratio	Lower	Upper
42	100		
72	34.8	27.3	40.9
71	33.6	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 50.663 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012528.D

Acq: 03 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampled :

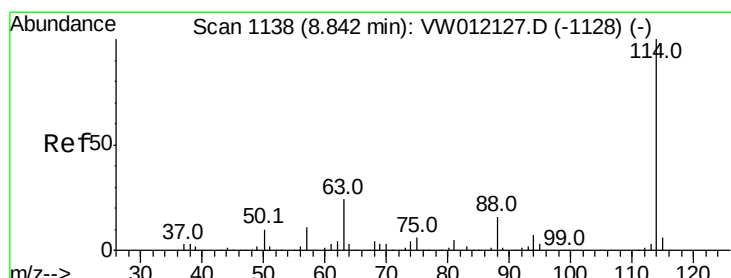
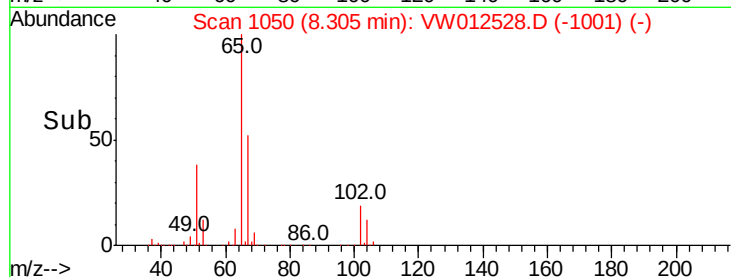
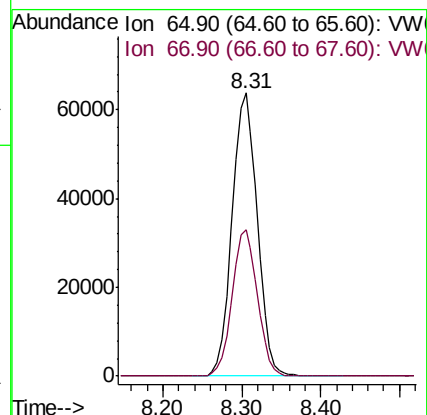
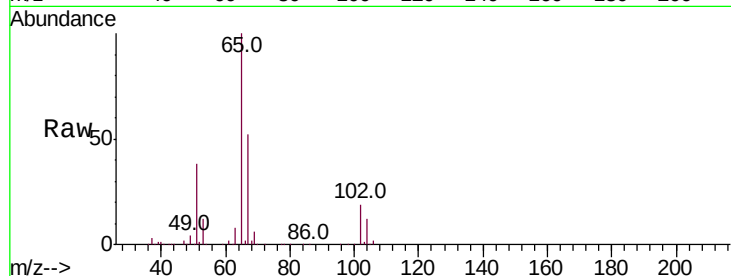
T16-17-C1-(2.25)

Tot Ion: 65 Resp: 141698

Ion Ratio Lower Upper

65 100

67 51.7 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: VW012528.D

Acq: 03 Sep 2019 04:58

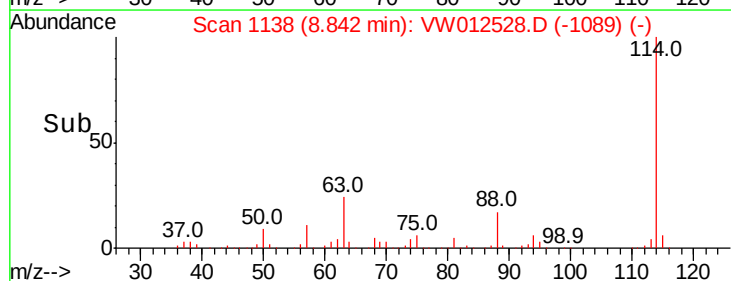
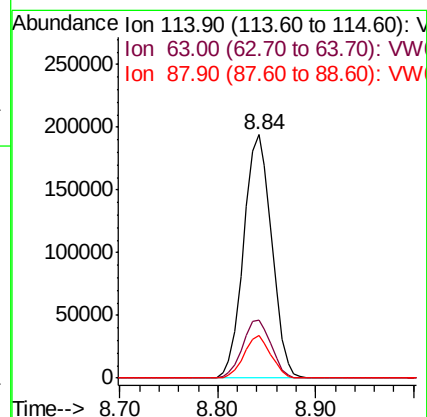
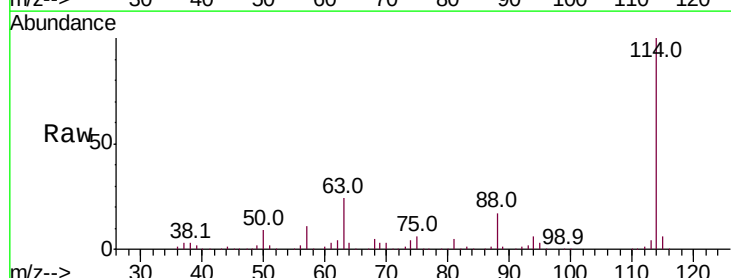
Tgt Ion: 114 Resp: 386587

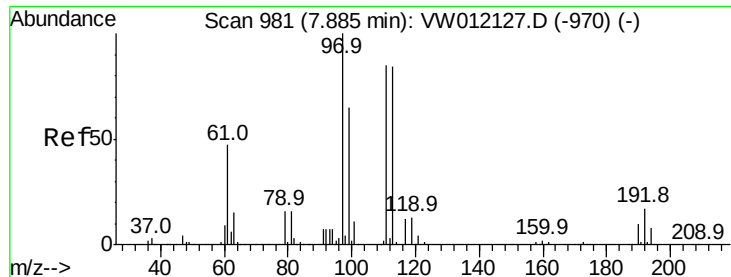
Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.6

88 17.3 0.0 32.2

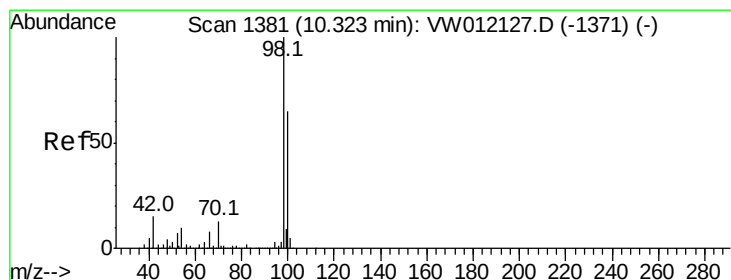
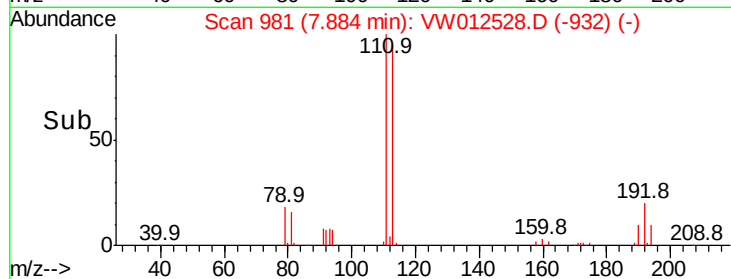
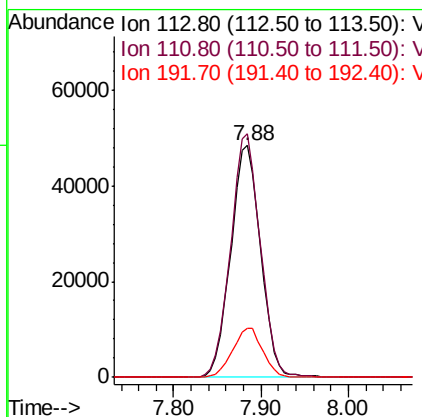
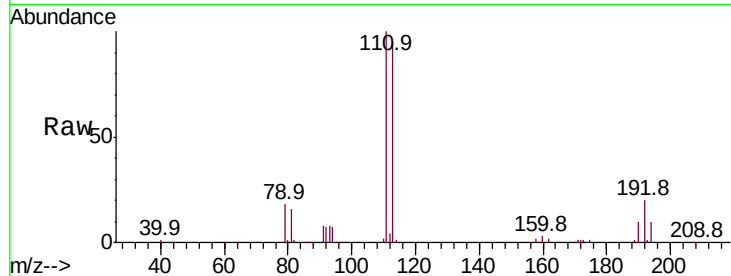




#35
 Dibromofluoromethane
 Concen: 49.864 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012528.D
 Acq: 03 Sep 2019 04:58

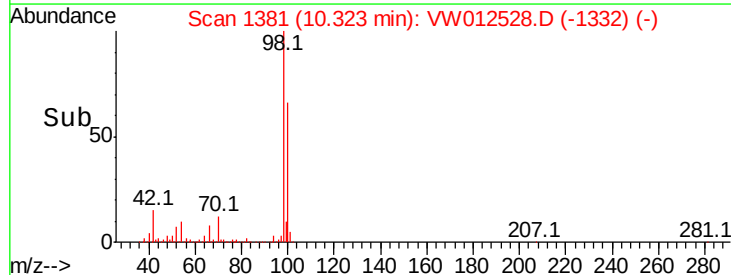
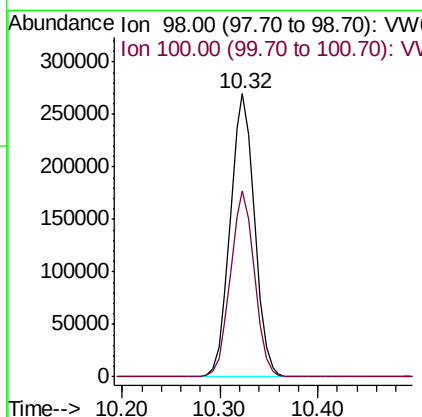
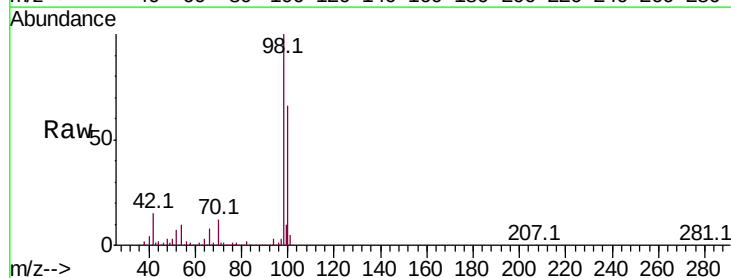
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C1-(2.25)

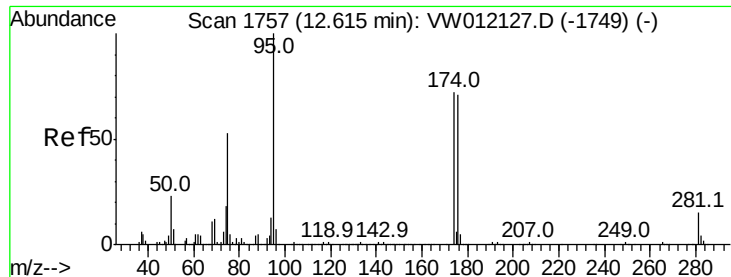
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	82.7	124.1
192	21.2	16.2	24.2



#50
 Toluene-d8
 Concen: 49.604 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012528.D
 Acq: 03 Sep 2019 04:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6

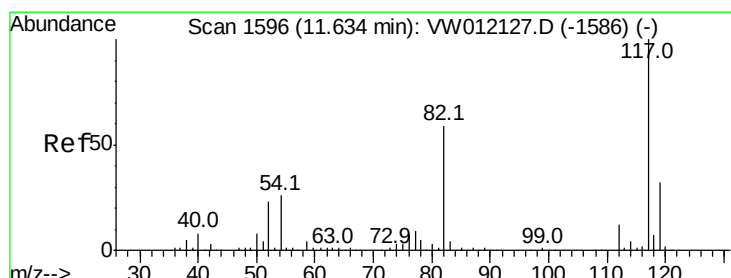
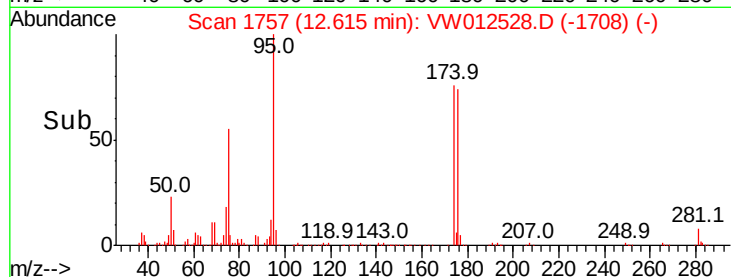
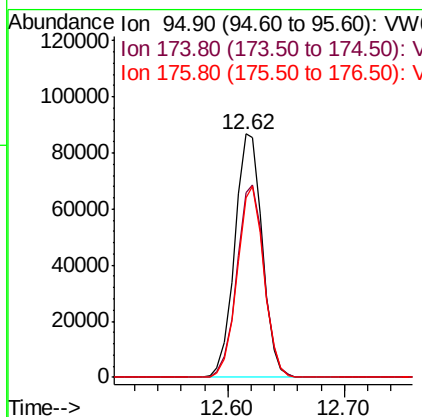
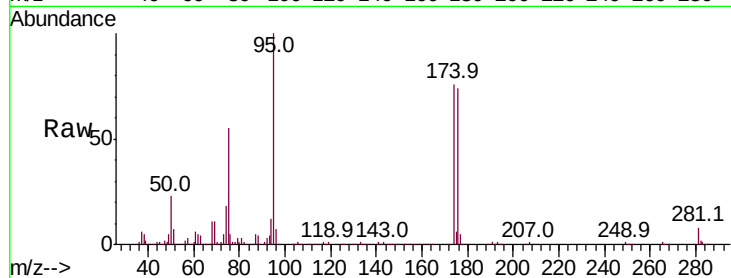




#62
4-Bromofluorobenzene
Concen: 43.260 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012528.D
Acq: 03 Sep 2019 04:58

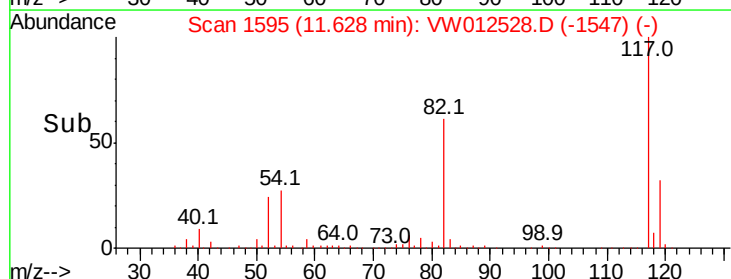
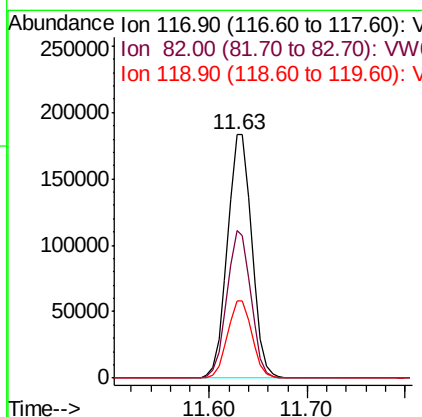
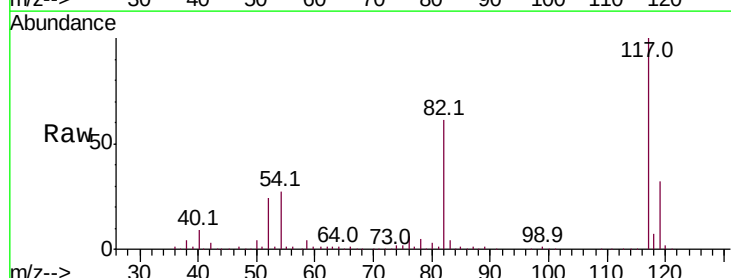
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C1-(2.25)

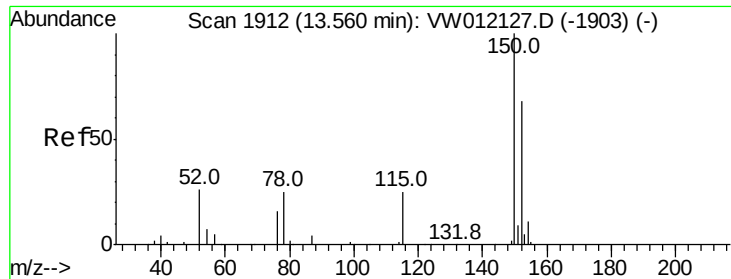
Tot Ion	95	Resp	142676
Ion Ratio	Lower	Upper	
95	100		
174	78.5	0.0	150.8
176	76.3	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012528.D
Acq: 03 Sep 2019 04:58

Tgt Ion	117	Resp	317058
Ion Ratio	Lower	Upper	
117	100		
82	60.6	47.4	71.2
119	31.9	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: VW012528.D

Acq: 03 Sep 2019 04:58

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C1-(2.25)

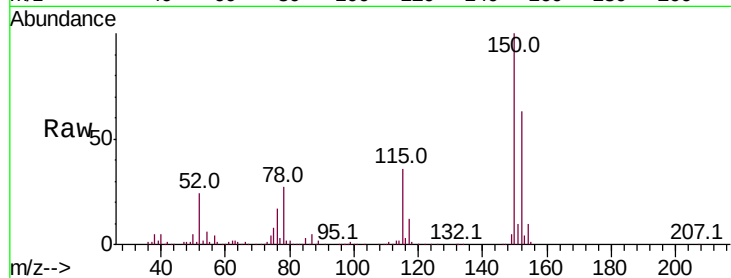
Tot Ion:152 Resp: 121660

Ion Ratio Lower Upper

152 100

115 58.5 30.1 90.3

150 156.9 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

