

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090219\
 Data File : VW012532.D
 Acq On : 03 Sep 2019 06:41
 Operator : SY/VA
 Sample : K4544-20
 Misc : 5.62G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-E1-(0)

Quant Time: Sep 03 08:32:52 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

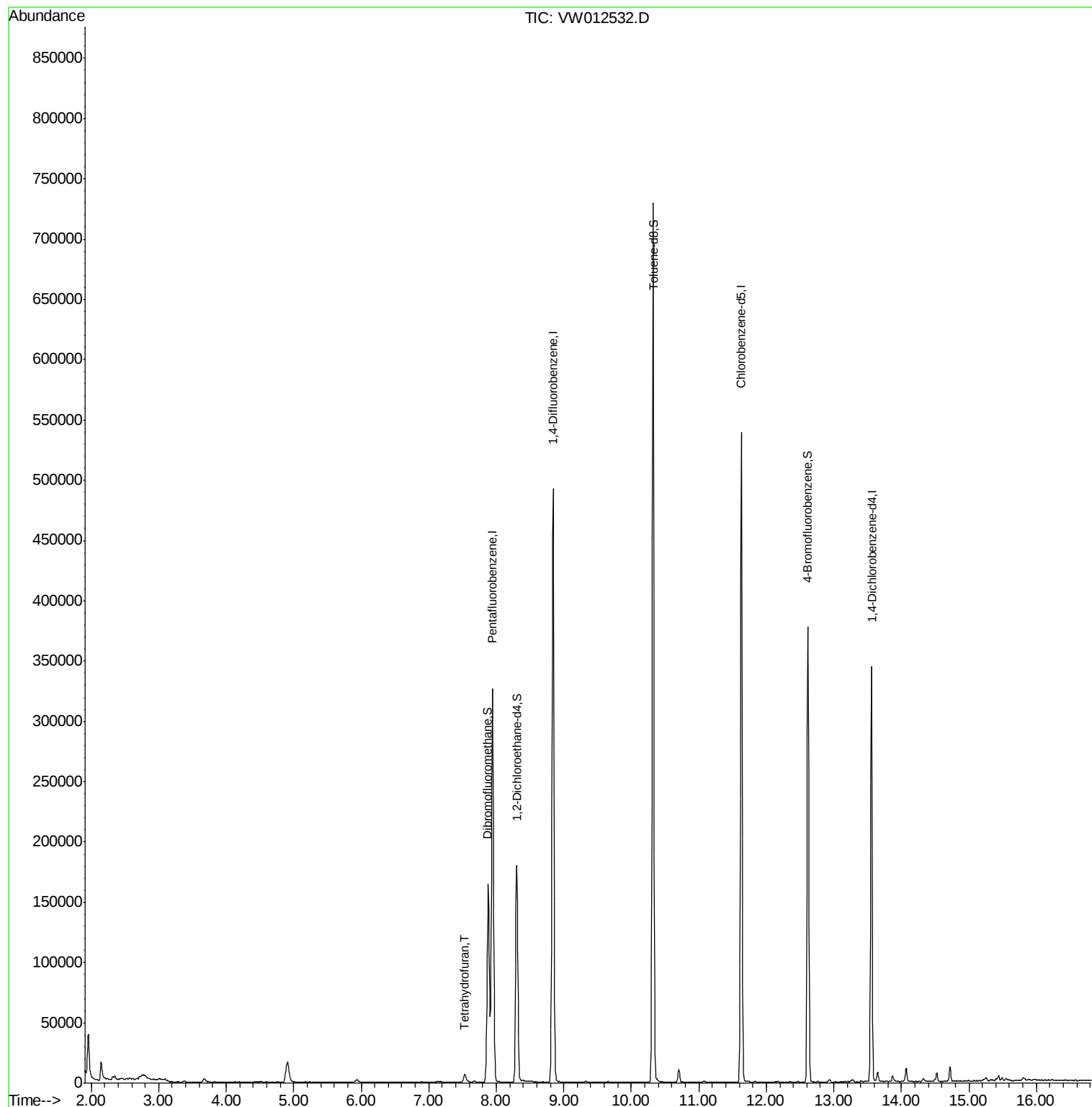
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	242025	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	388948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	289660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89128	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146754	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
35) Dibromofluoromethane	7.88	113	119507	51.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.32	98	463329	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	122468	36.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.82%	
Target Compounds						
29) Tetrahydrofuran	7.54	42	6117	10.202	ug/l	Qvalue 96

(#) = 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: VW012532.D

Acq: 03 Sep 2019 06:41

Instrument :

MSVOA_W

ClientSampleId :

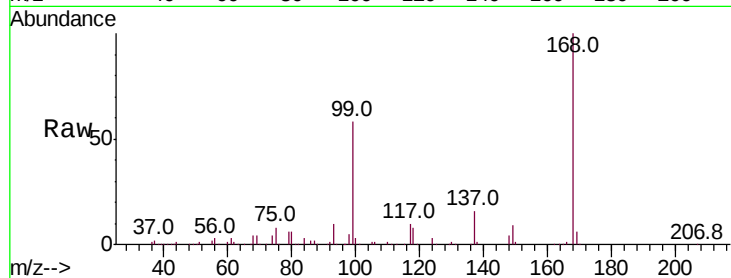
T16-17-E1-(0)

Tot Ion:168 Resp: 242025

Ion Ratio Lower Upper

168 100

99 58.5 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

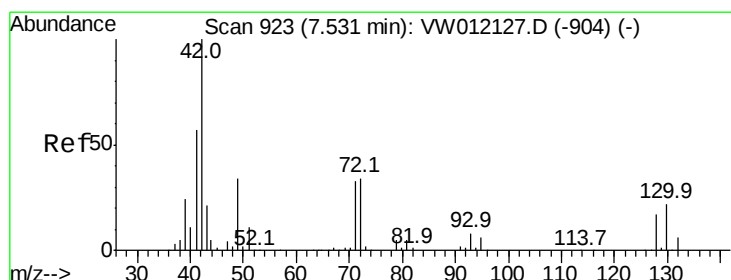
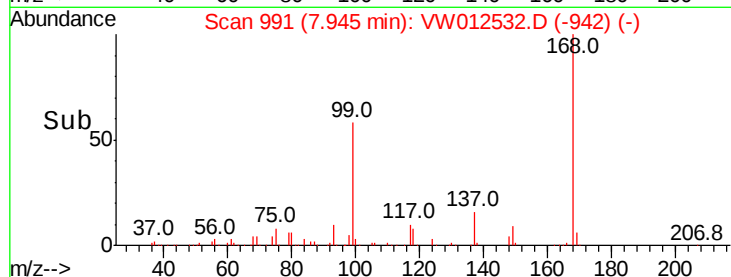
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#29

Tetrahydrofuran

Concen: 10.202 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012532.D

Acq: 03 Sep 2019 06:41

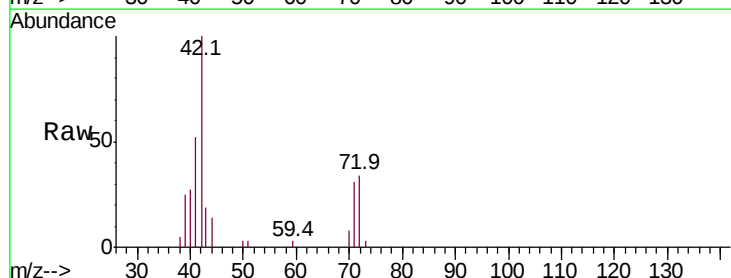
Tgt Ion: 42 Resp: 6117

Ion Ratio Lower Upper

42 100

72 36.9 27.3 40.9

71 30.2 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

3000

2500

2000

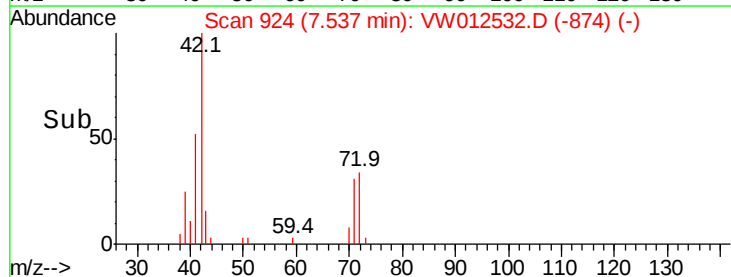
1500

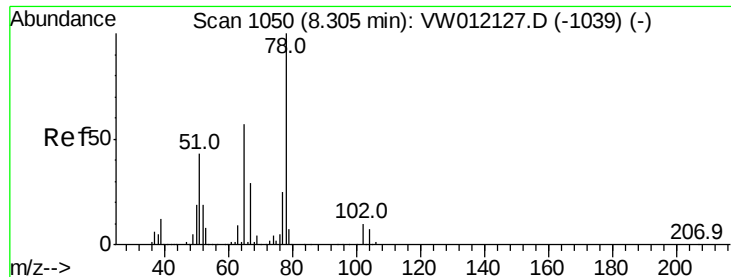
1000

500

0

Time--> 7.40 7.50 7.60





#33

1,2-Dichloroethane-d4

Concen: 51.008 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012532.D

Acq: 03 Sep 2019 06:41

Instrument :

MSVOA_W

ClientSampleId :

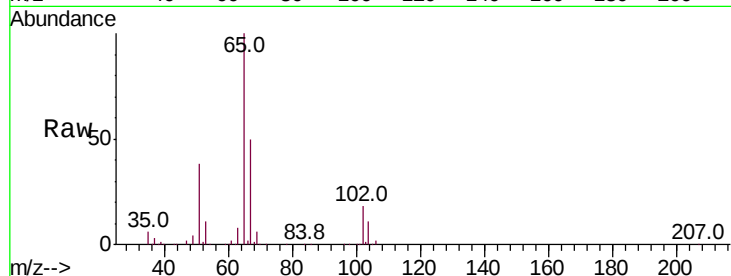
T16-17-E1-(0)

Tot Ion: 65 Resp: 146754

Ion Ratio Lower Upper

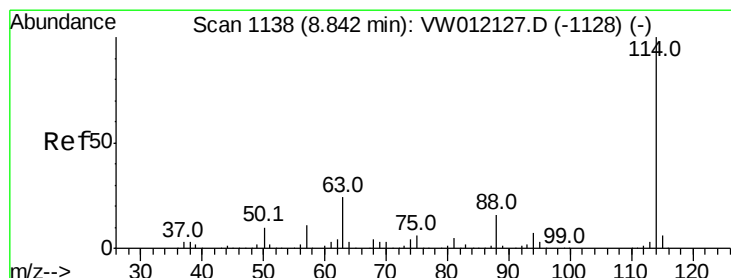
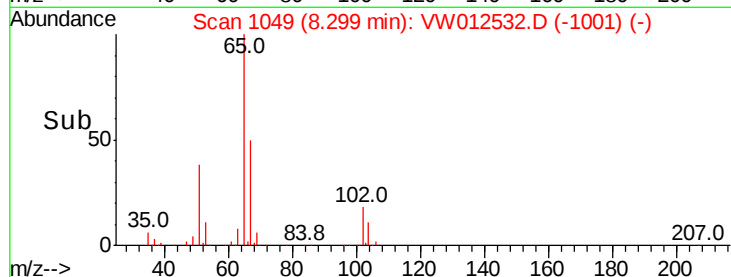
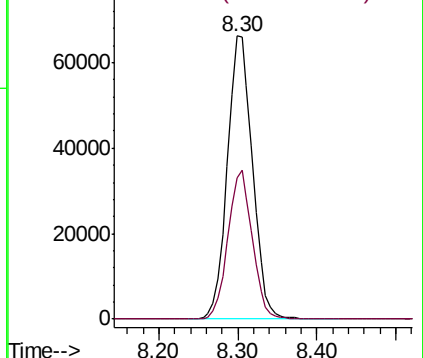
65 100

67 51.0 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: VW012532.D

Acq: 03 Sep 2019 06:41

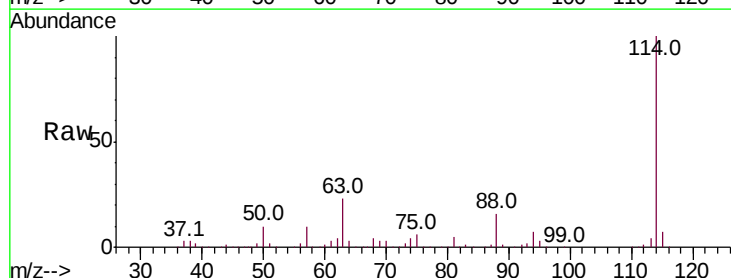
Tgt Ion: 114 Resp: 388948

Ion Ratio Lower Upper

114 100

63 23.3 0.0 48.6

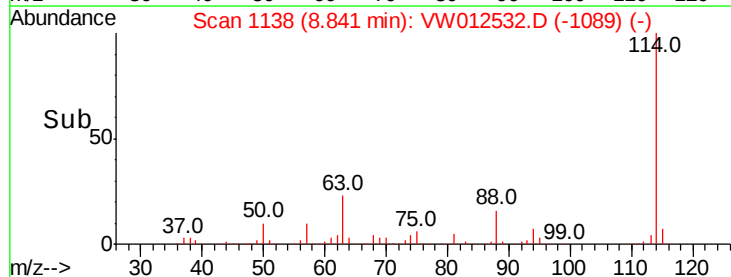
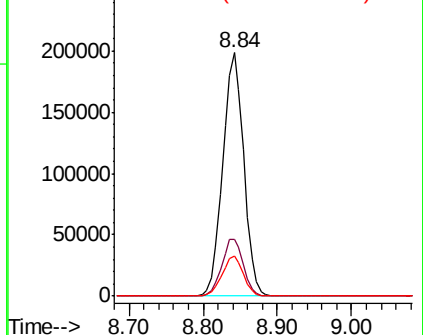
88 16.3 0.0 32.2

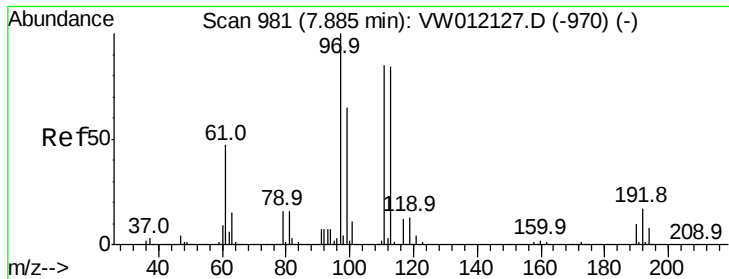


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

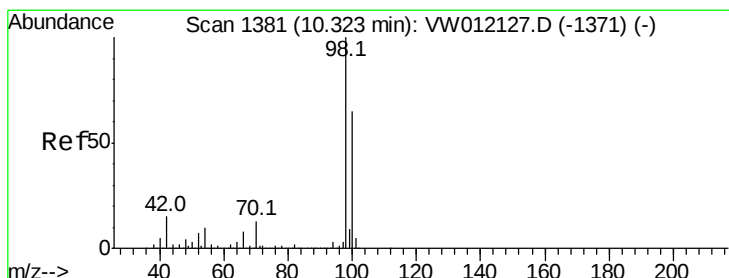
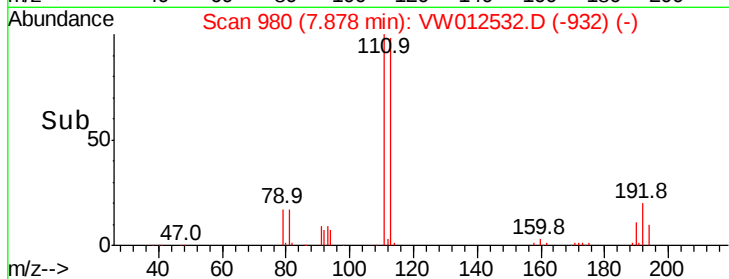
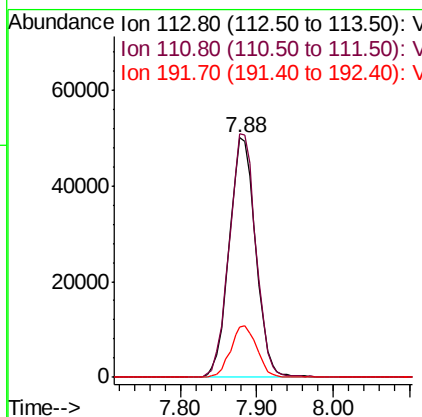
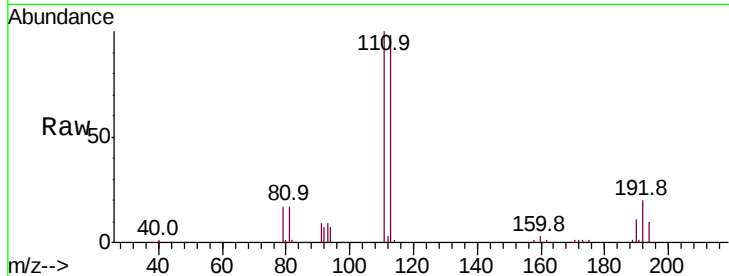




#35
 Dibromofluoromethane
 Concen: 51.475 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012532.D
 Acq: 03 Sep 2019 06:41

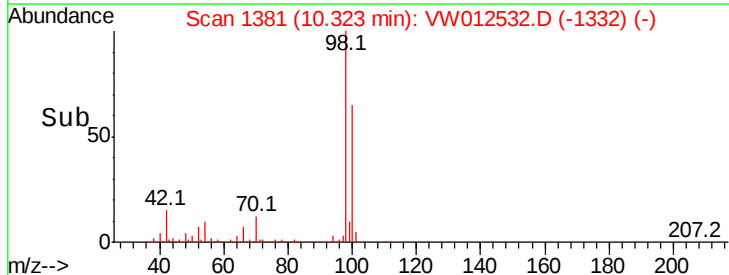
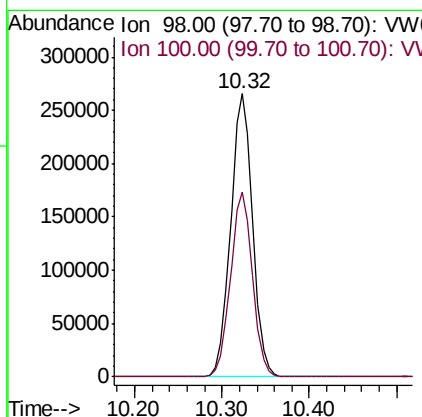
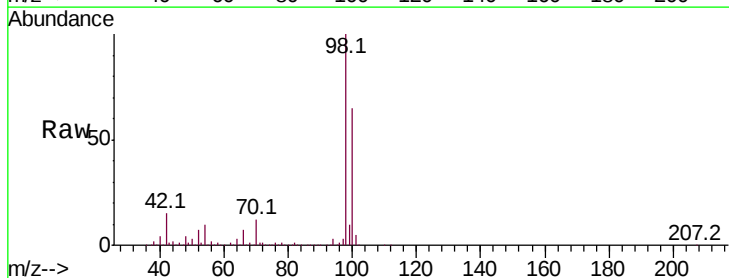
Instrument :
 MSVOA_W
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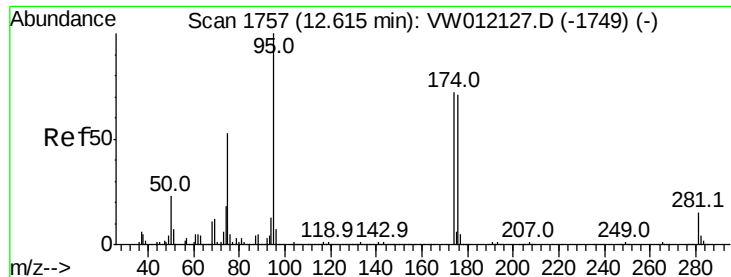
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.7	124.1
192	21.3	16.2	24.2



#50
 Toluene-d8
 Concen: 49.219 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012532.D
 Acq: 03 Sep 2019 06:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.4	78.6

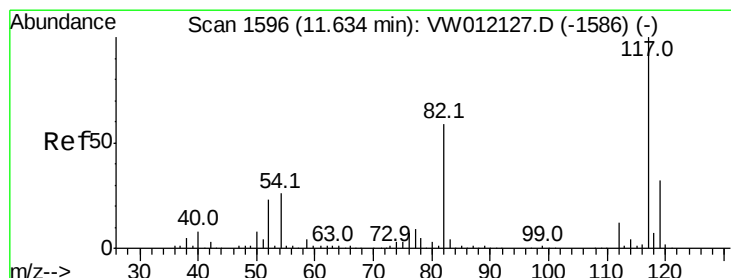
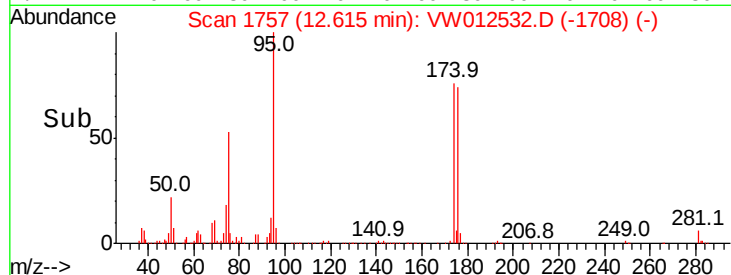
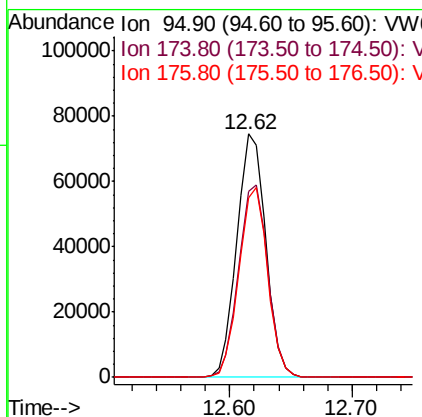
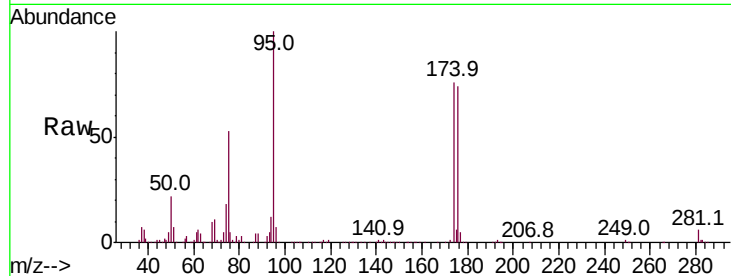




#62
4-Bromofluorobenzene
Concen: 36.907 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012532.D
Acq: 03 Sep 2019 06:41

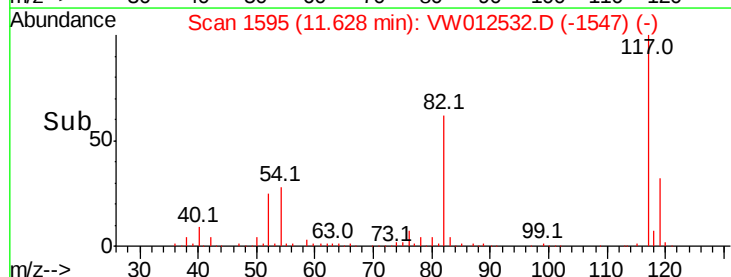
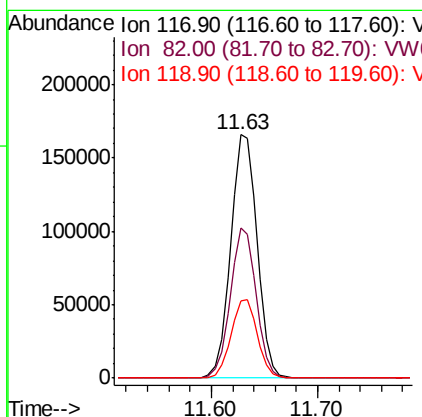
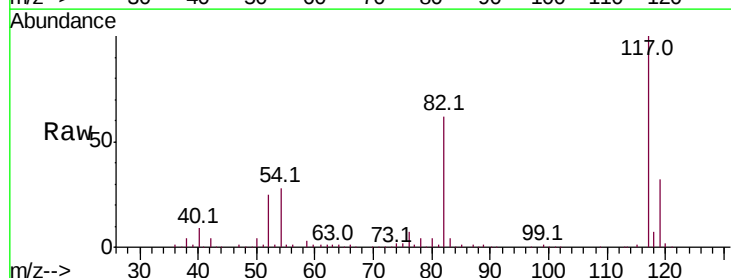
Instrument :
MSVOA_W
ClientSampleId :
T16-17-E1-(0)

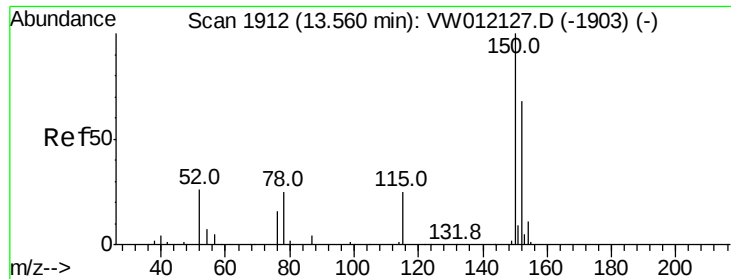
Tot Ion	95	Resp	122468
Ion Ratio	Lower	Upper	
95	100		
174	80.1	0.0	150.8
176	77.1	0.0	148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012532.D
Acq: 03 Sep 2019 06:41

Tgt Ion	117	Resp	289660
Ion Ratio	Lower	Upper	
117	100		
82	61.9	47.4	71.2
119	31.7	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: VW012532.D

Acq: 03 Sep 2019 06:41

Instrument :

MSVOA_W

ClientSampleId :

T16-17-E1-(0)

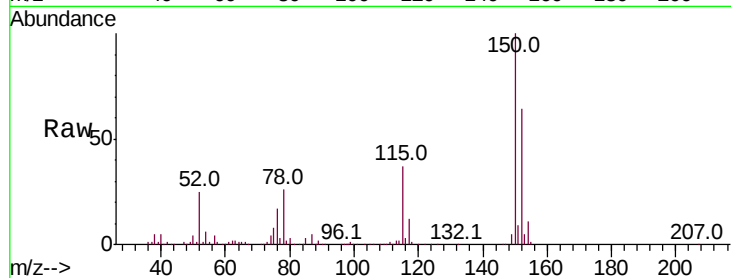
Tot Ion:152 Resp: 89128

Ion Ratio Lower Upper

152 100

115 59.1 30.1 90.3

150 156.3 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

