

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011344.D
 Acq On : 18 Jul 2019 19:48
 Operator : SY/VA
 Sample : K3903-03
 Misc : 5.19G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 18107-NYCT-AVE-Z-TP-3

Quant Time: Jul 19 07:55:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

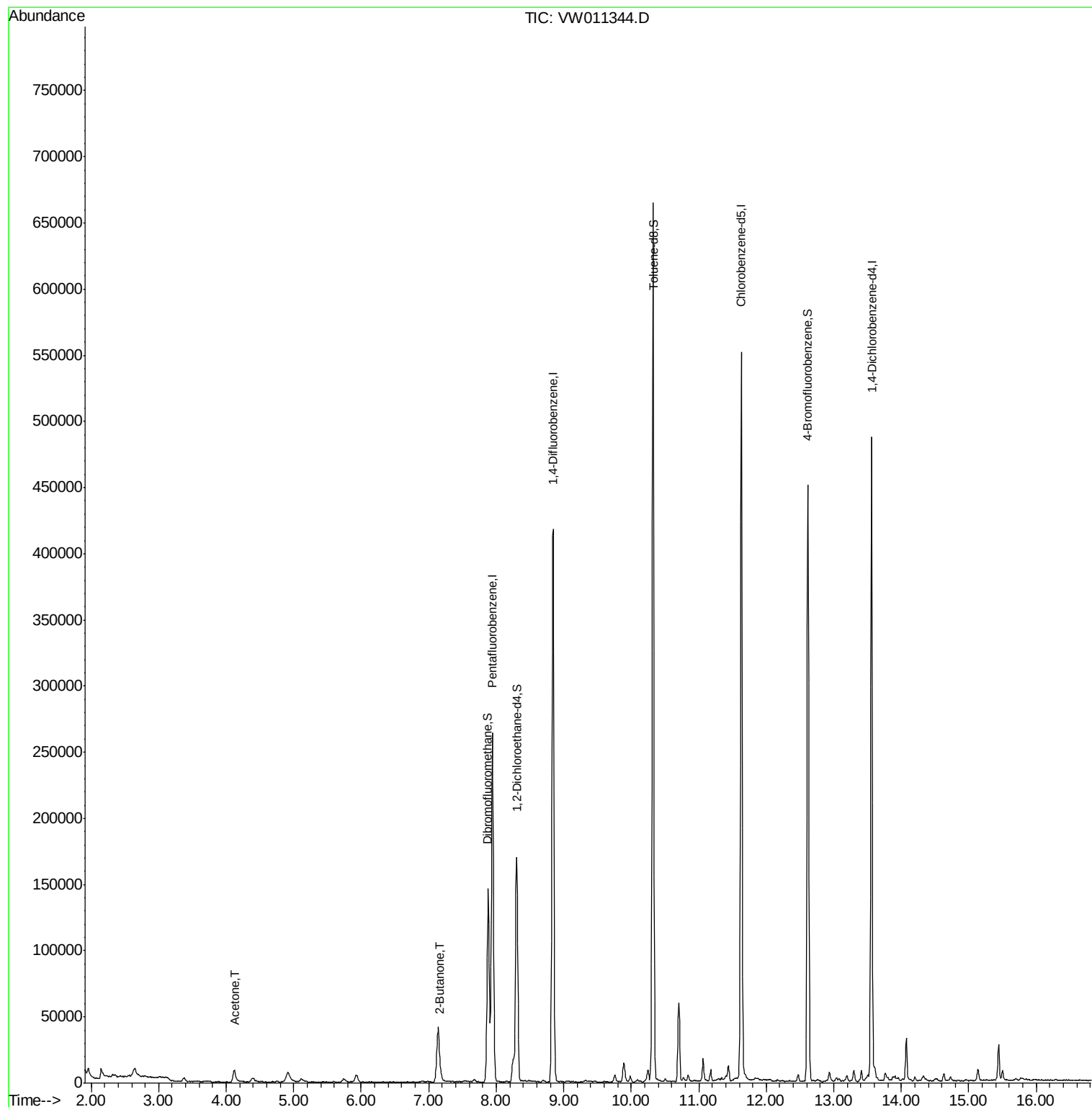
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	189553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	281210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137832	57.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.74%	
35) Dibromofluoromethane	7.88	113	102328	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
50) Toluene-d8	10.32	98	410830	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.62	95	135230	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
Target Compounds						
16) Acetone	4.12	43	16961	29.596	ug/l	97
25) 2-Butanone	7.17	43	7417	8.245	ug/l	91

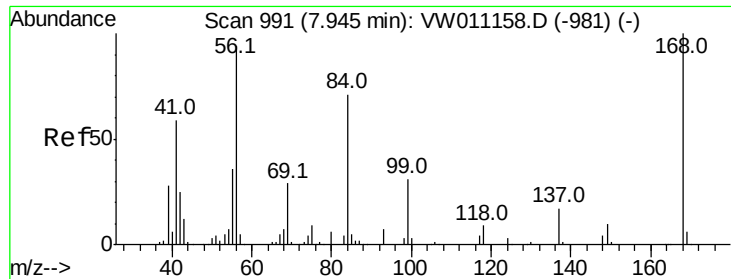
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011344.D

Acq: 18 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

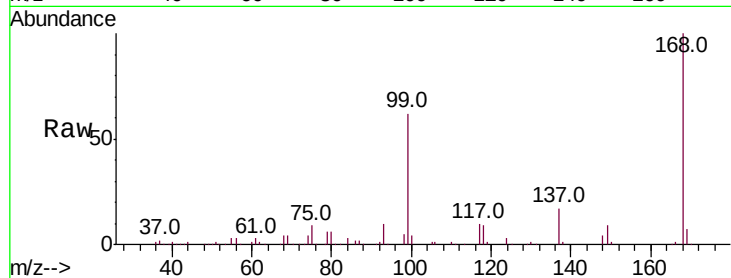
18107-NYCT-AVE-Z-TP-3

Tot Ion:168 Resp: 189553

Ion Ratio Lower Upper

168 100

99 62.3 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

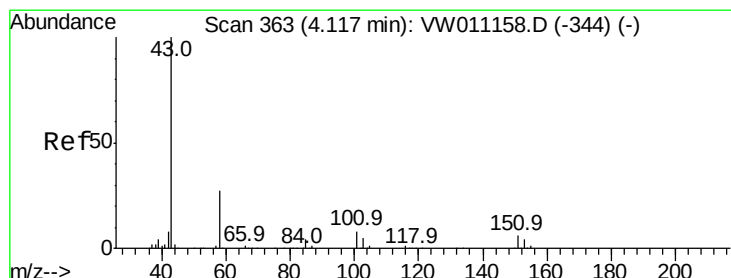
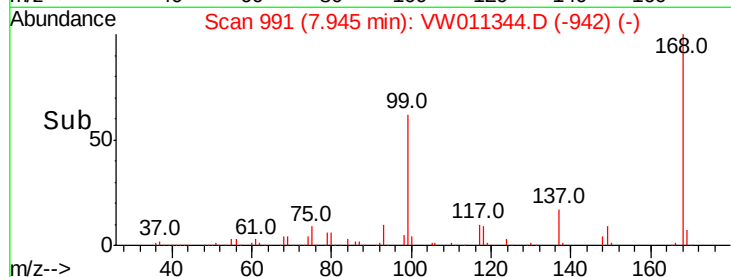
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 29.596 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011344.D

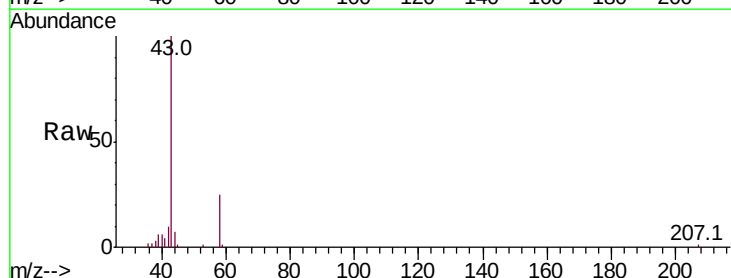
Acq: 18 Jul 2019 19:48

Tgt Ion: 43 Resp: 16961

Ion Ratio Lower Upper

43 100

58 25.4 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

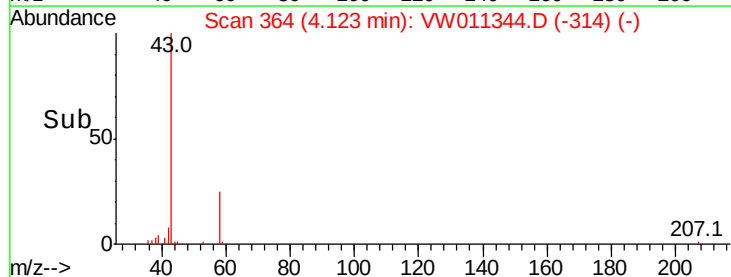
6000

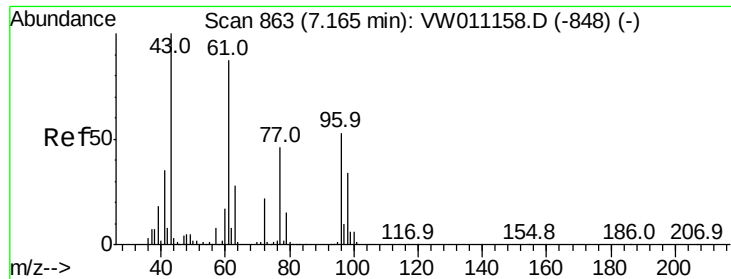
4000

2000

0

Time--> 4.00 4.10 4.20





#25

2-Butanone

Concen: 8.245 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011344.D

Acq: 18 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

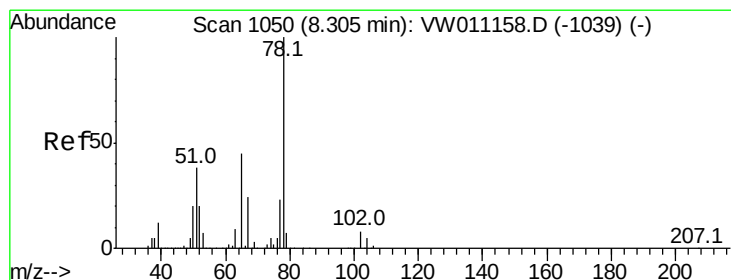
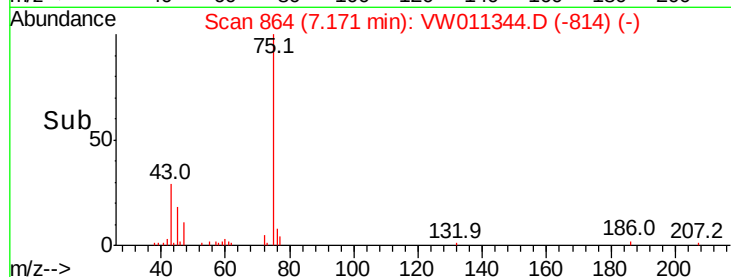
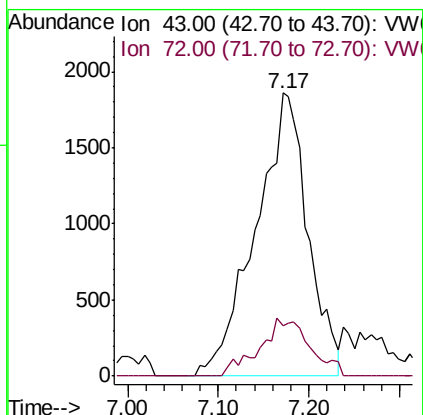
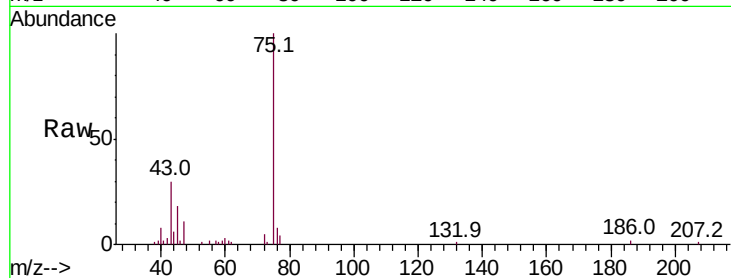
18107-NYCT-AVE-Z-TP-3

Tot Ion: 43 Resp: 7417

Ion Ratio Lower Upper

43 100

72 17.9 17.6 26.4



#33

1,2-Dichloroethane-d4

Concen: 57.869 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011344.D

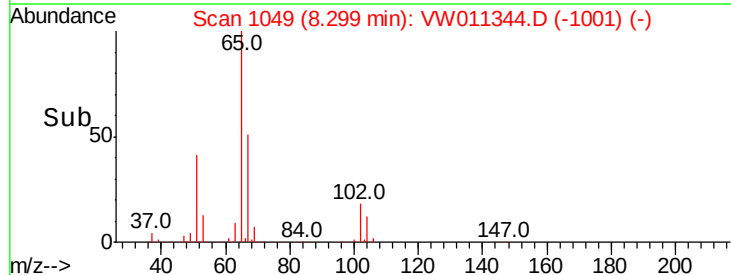
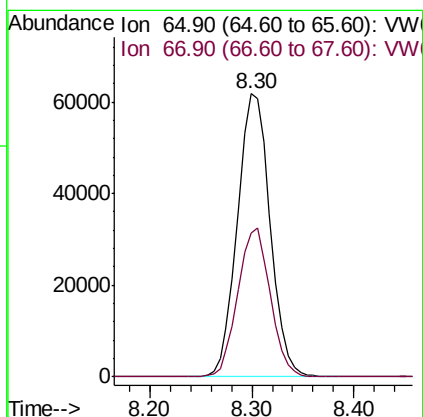
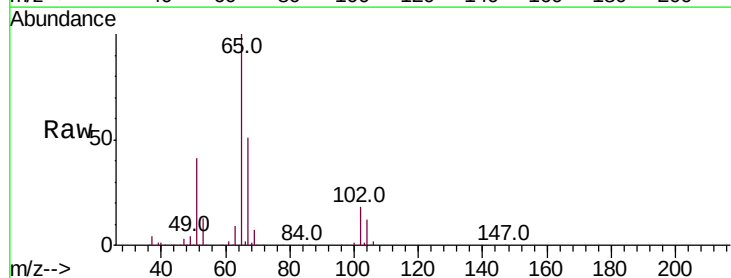
Acq: 18 Jul 2019 19:48

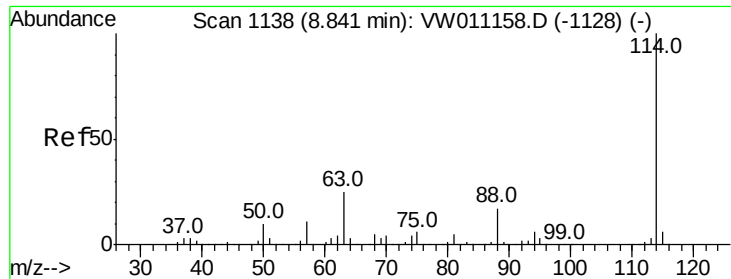
Tgt Ion: 65 Resp: 137832

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4

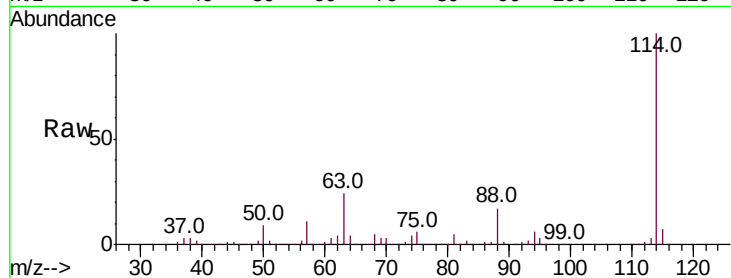




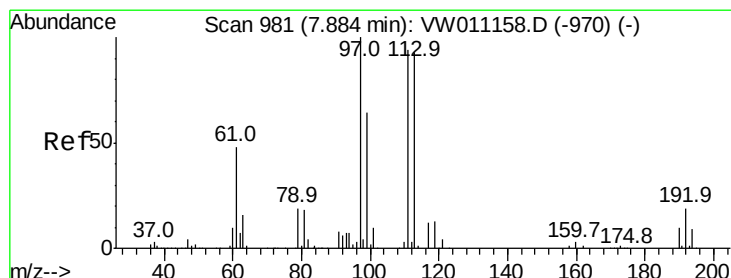
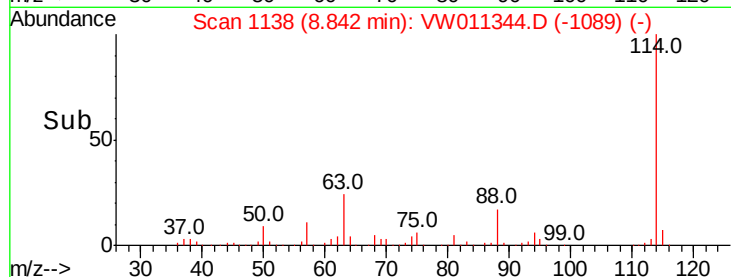
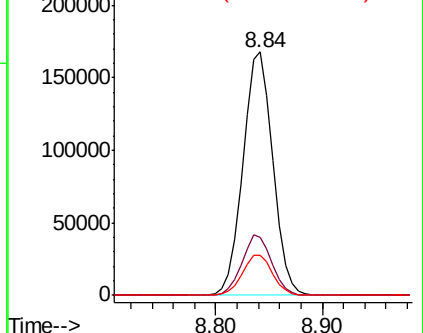
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011344.D
 Acq: 18 Jul 2019 19:48

Instrument :
 MSVOA_W
 ClientSampleId :
 18107-NYCT-AVE-Z-TP-3

Tot Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	50.8
88	16.6	0.0	34.2

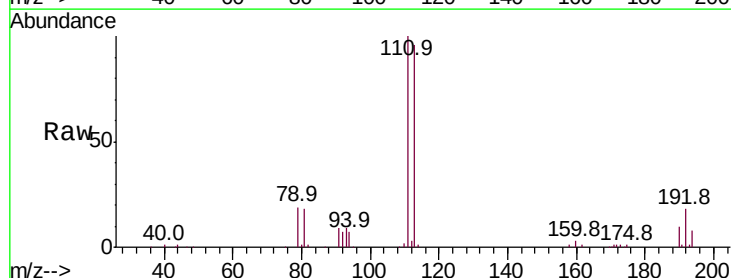


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

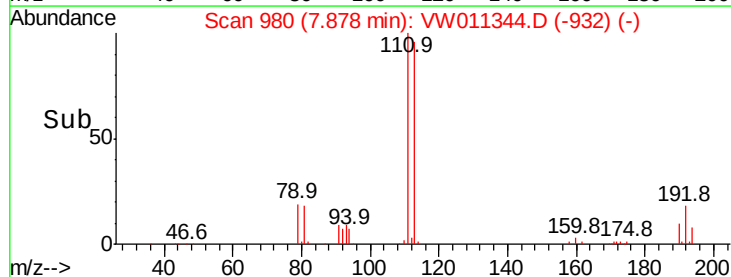
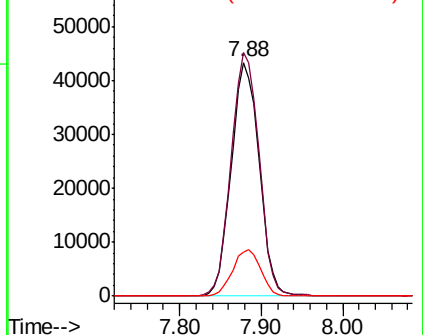


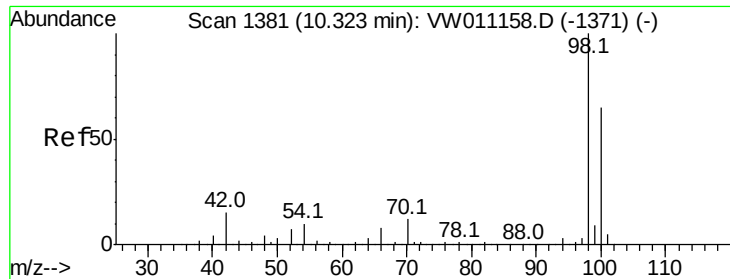
#35
 Dibromofluoromethane
 Concen: 52.005 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011344.D
 Acq: 18 Jul 2019 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.4	123.6
192	19.9	15.8	23.8



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: 51.654 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011344.D

Acq: 18 Jul 2019 19:48

Instrument :

MSVOA_W

ClientSampleId :

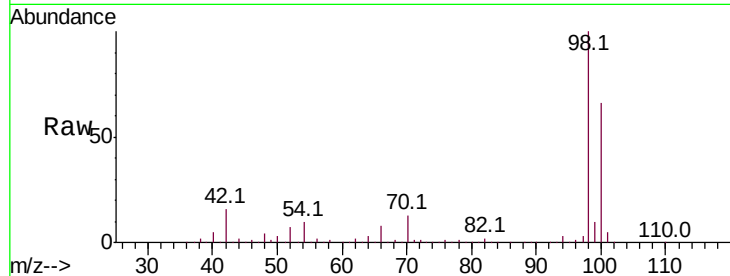
18107-NYCT-AVE-Z-TP-3

Tot Ion: 98 Resp: 410830

Ion Ratio Lower Upper

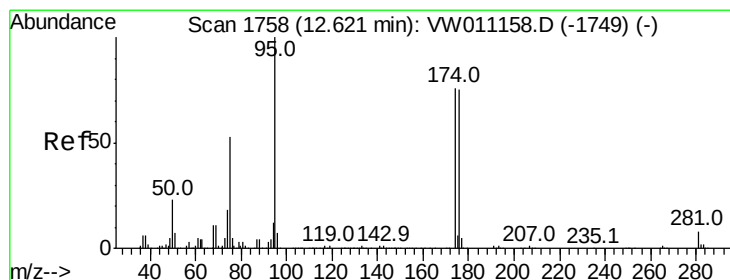
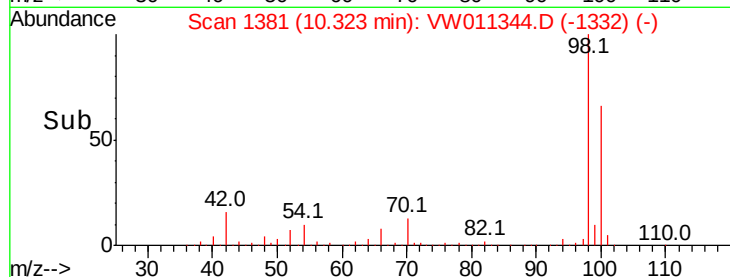
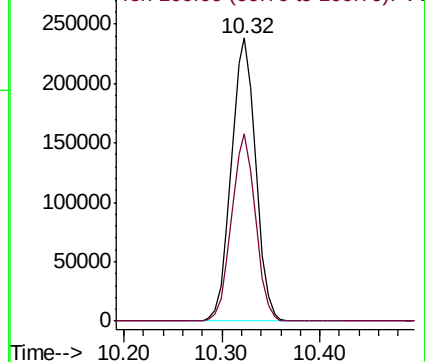
98 100

100 65.1 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 46.387 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011344.D

Acq: 18 Jul 2019 19:48

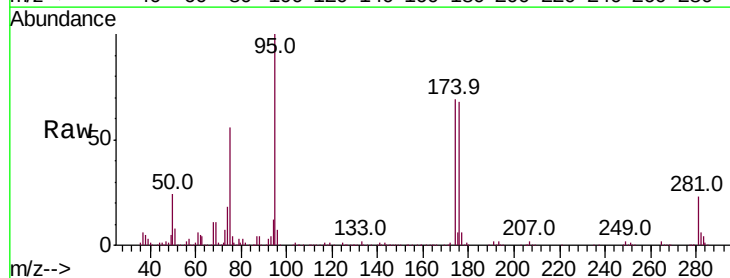
Tgt Ion: 95 Resp: 135230

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.6

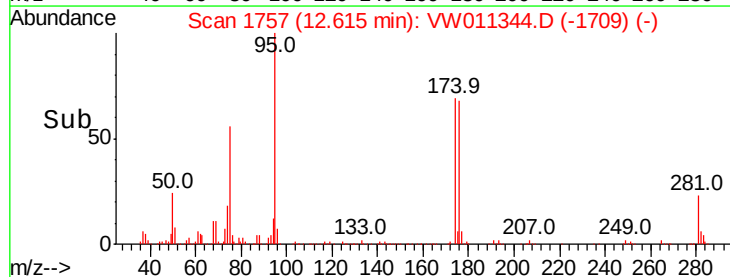
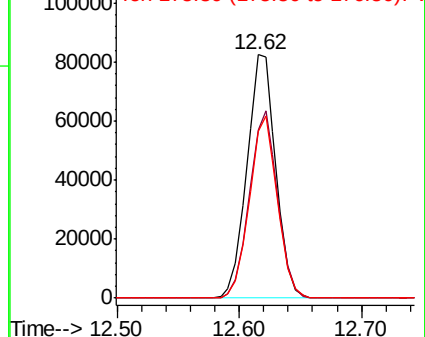
176 72.4 0.0 144.6

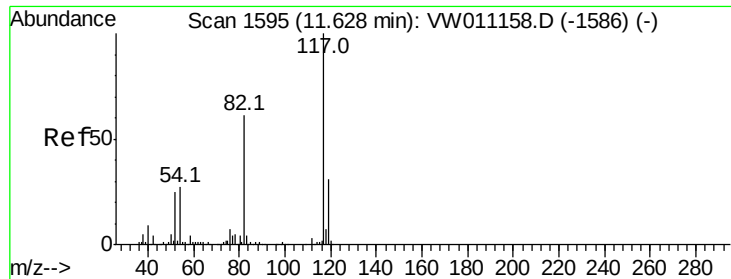


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

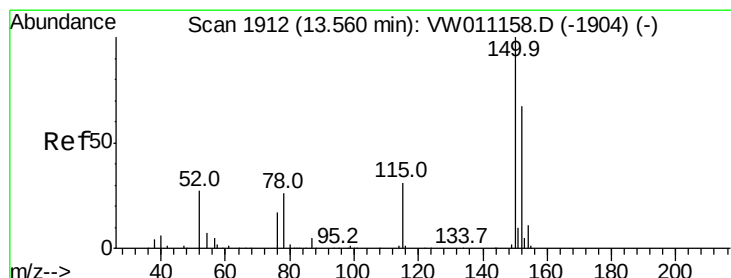
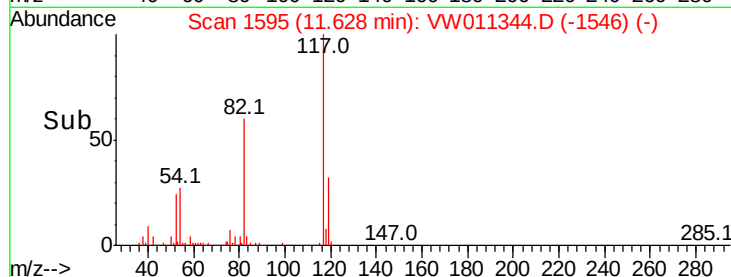
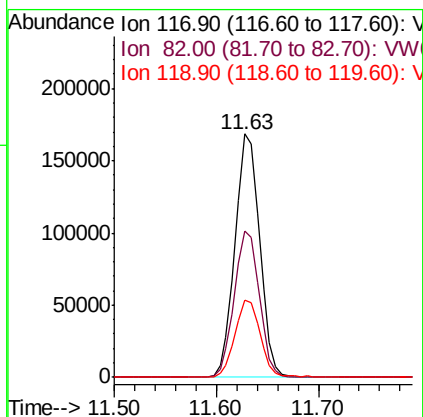
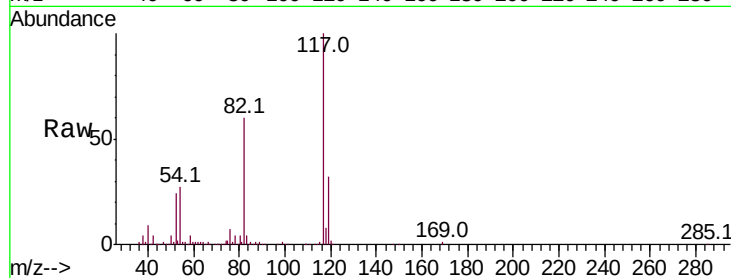




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011344.D
Acq: 18 Jul 2019 19:48

Instrument :
MSVOA_W
ClientSampleId :
18107-NYCT-AVE-Z-TP-3

Tot Ion:117 Resp: 281210
Ion Ratio Lower Upper
117 100
82 60.0 48.9 73.3
119 31.5 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011344.D
Acq: 18 Jul 2019 19:48

Tgt Ion:152 Resp: 117867
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 155.5 0.0 346.0

