

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011351.D
 Acq On : 19 Jul 2019 00:17
 Operator : SY/VA
 Sample : K3903-04
 Misc : 5.51G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 18107-NYCT-AVE-Z-TP-4

Quant Time: Jul 19 08:08:14 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

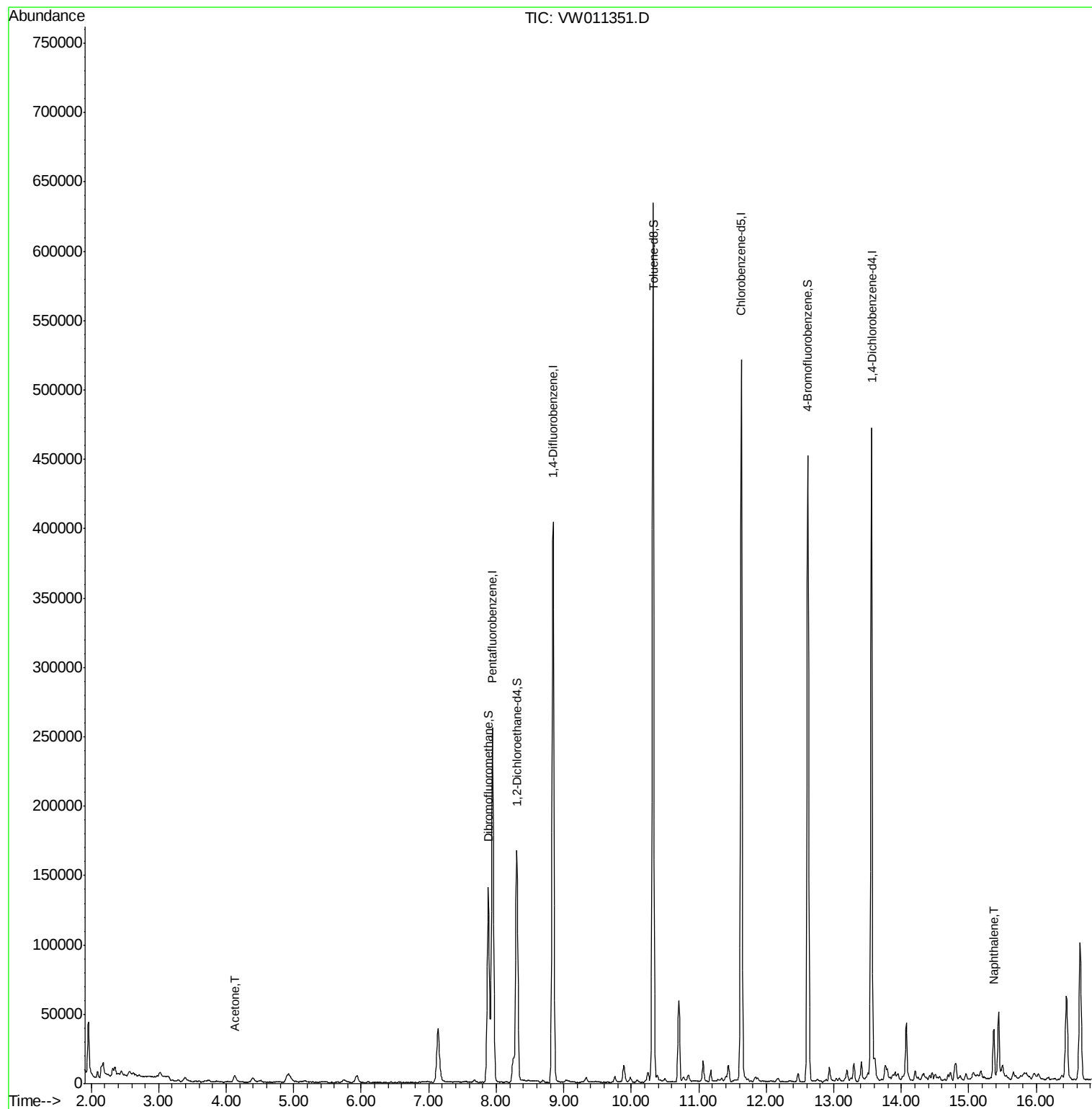
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	184459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318507	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	273184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114688	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	132785	57.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.58%	
35) Dibromofluoromethane	7.88	113	99530	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
50) Toluene-d8	10.32	98	398019	51.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.74%	
62) 4-Bromofluorobenzene	12.62	95	130407	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	4.12	43	9186	16.472	ug/l	94
95) Naphthalene	15.37	128	29966	6.760	ug/l	97

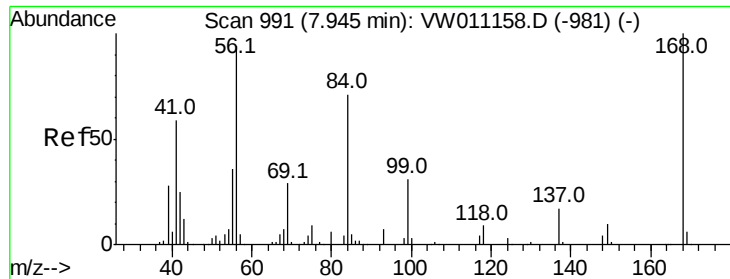
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW011351.D

Acq: 19 Jul 2019 00:17

Instrument :

MSVOA_W

ClientSampleId :

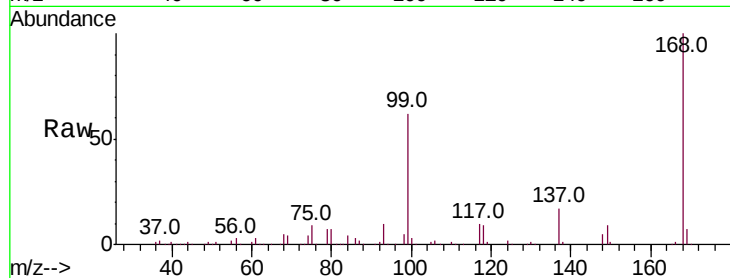
18107-NYCT-AVE-Z-TP-4

Tot Ion:168 Resp: 184459

Ion Ratio Lower Upper

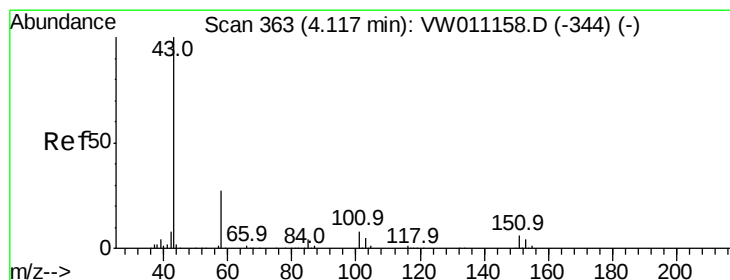
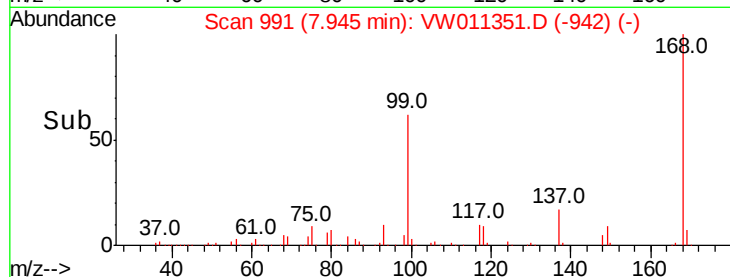
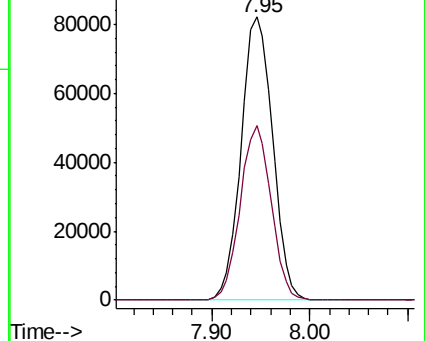
168 100

99 61.9 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 16.472 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011351.D

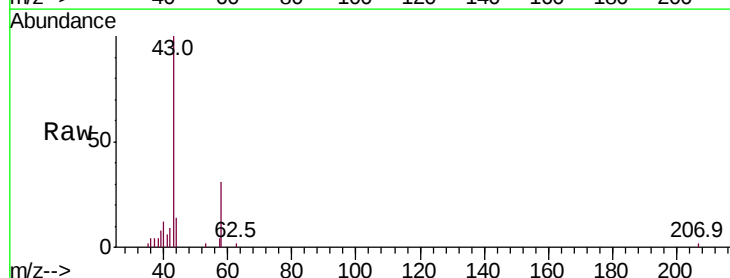
Acq: 19 Jul 2019 00:17

Tgt Ion: 43 Resp: 9186

Ion Ratio Lower Upper

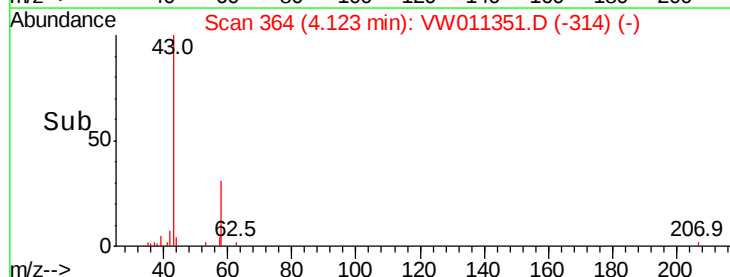
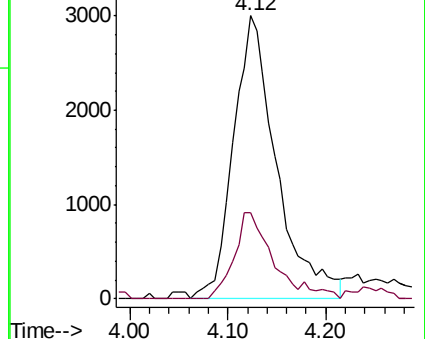
43 100

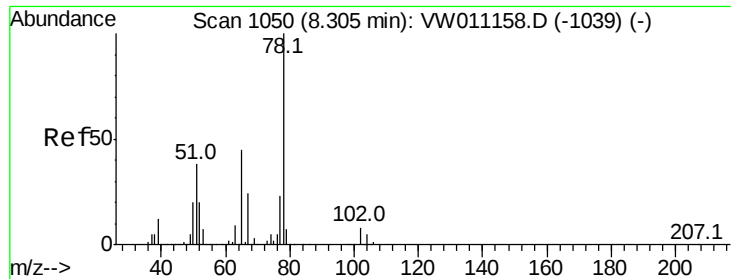
58 30.5 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#33

1,2-Dichloroethane-d4

Concen: 57.289 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011351.D

Acq: 19 Jul 2019 00:17

Instrument :

MSVOA_W

ClientSampleId :

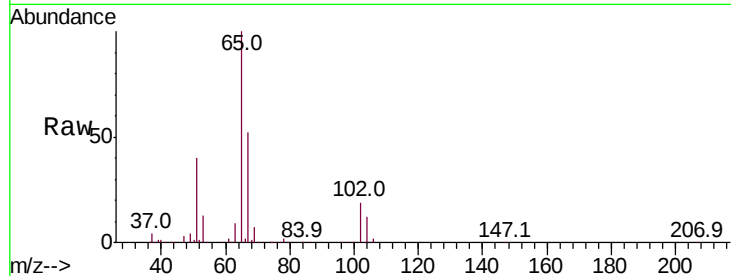
18107-NYCT-AVE-Z-TP-4

Tot Ion: 65 Resp: 132785

Ion Ratio Lower Upper

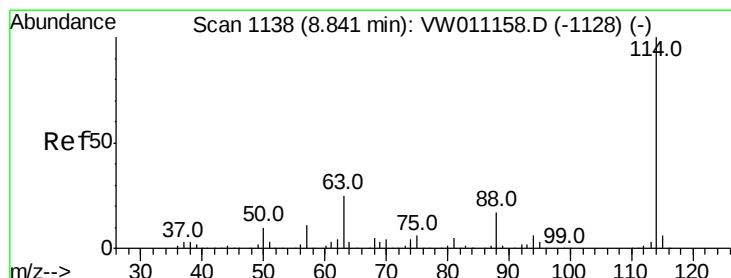
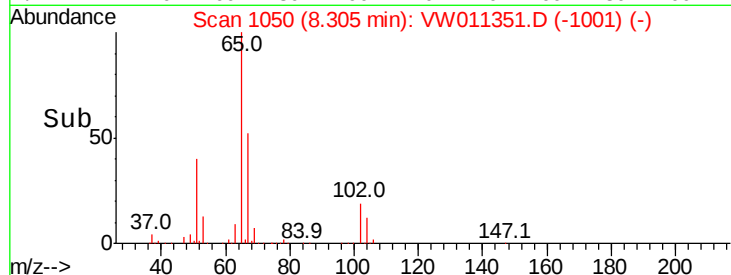
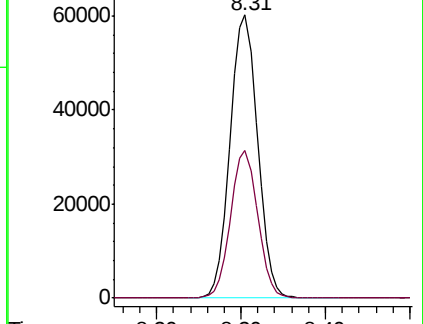
65 100

67 51.4 0.0 104.4



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: VW011351.D

Acq: 19 Jul 2019 00:17

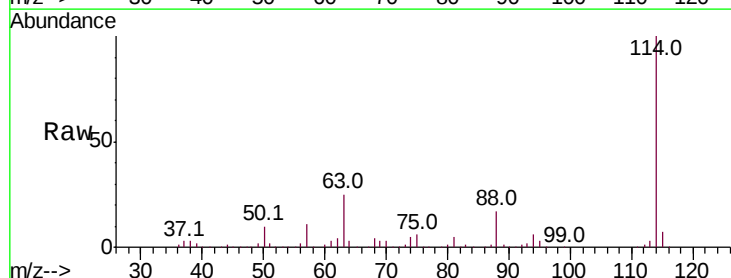
Tgt Ion: 114 Resp: 318507

Ion Ratio Lower Upper

114 100

63 24.9 0.0 50.8

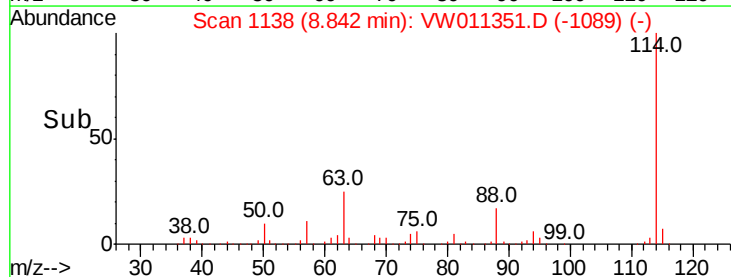
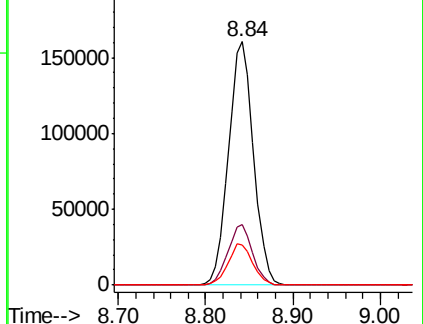
88 16.6 0.0 34.2

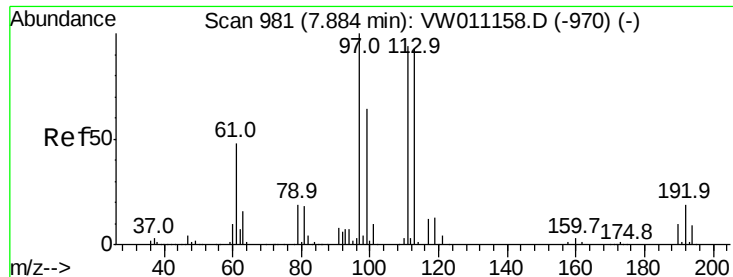


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 52.427 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011351.D

Acq: 19 Jul 2019 00:17

Instrument :

MSVOA_W

ClientSampleId :

18107-NYCT-AVE-Z-TP-4

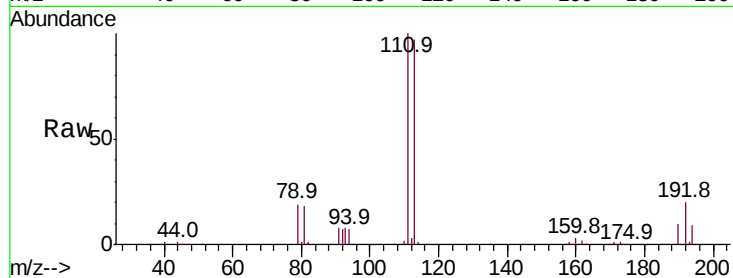
Tot Ion:113 Resp: 99530

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

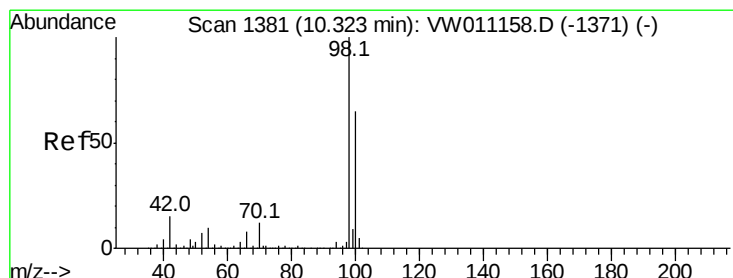
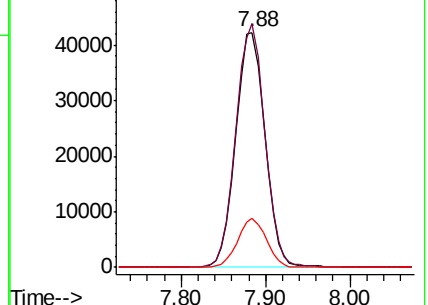
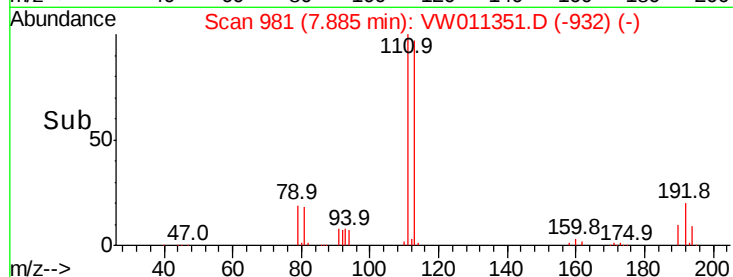
192 20.3 15.8 23.8



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: 51.867 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011351.D

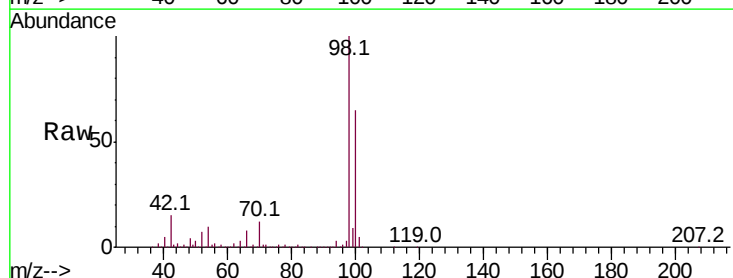
Acq: 19 Jul 2019 00:17

Tgt Ion: 98 Resp: 398019

Ion Ratio Lower Upper

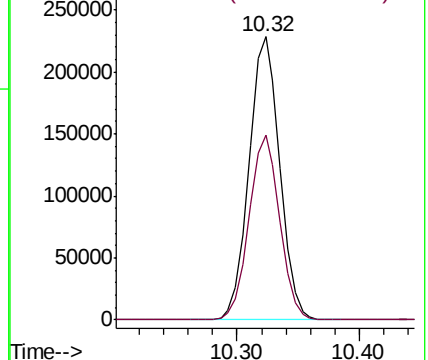
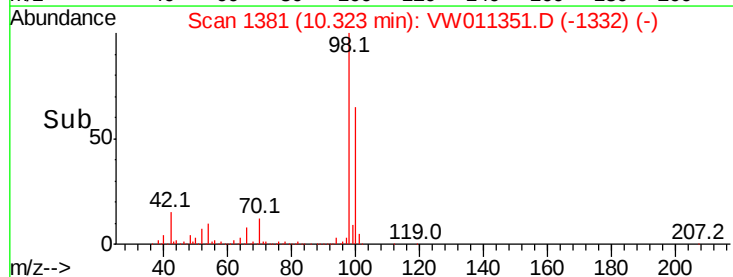
98 100

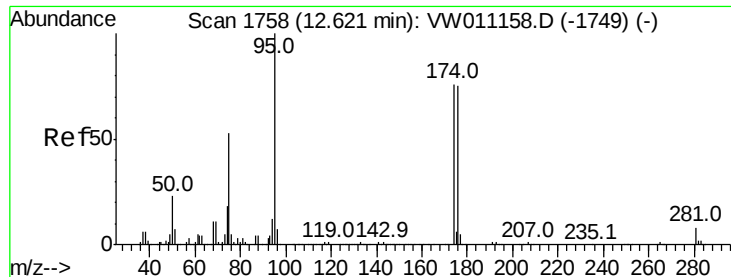
100 65.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

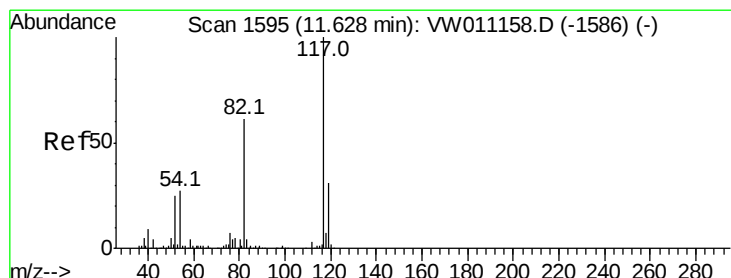
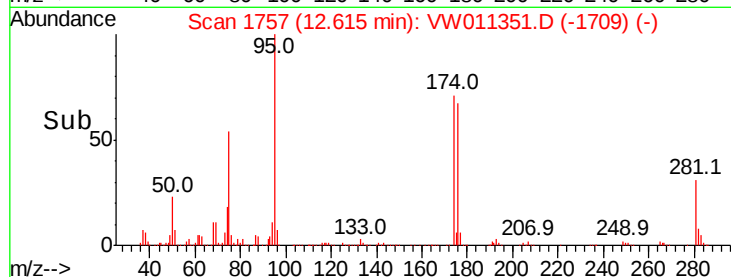
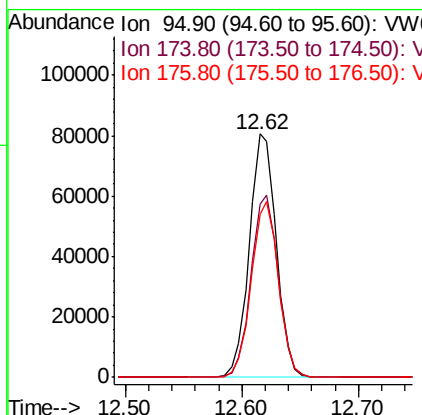
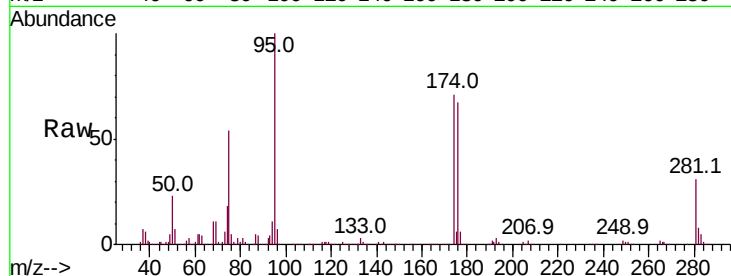




#62
4-Bromofluorobenzene
Concen: 46.363 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011351.D
Acq: 19 Jul 2019 00:17

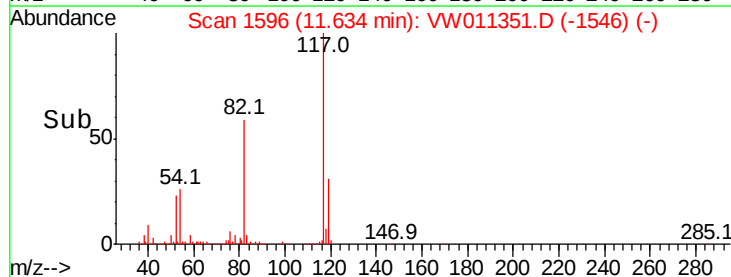
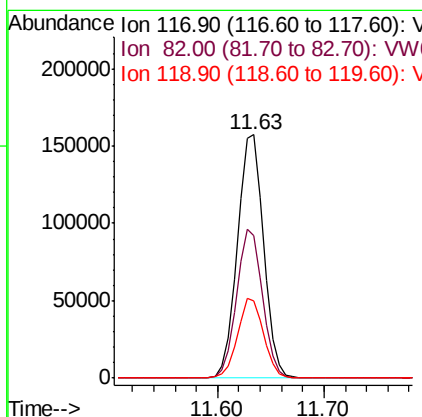
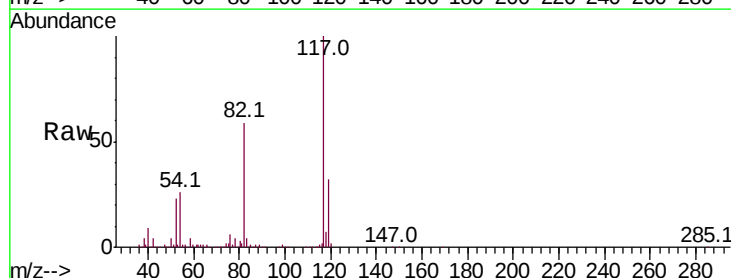
Instrument :
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18107-NYCT-AVE-Z-TP-4

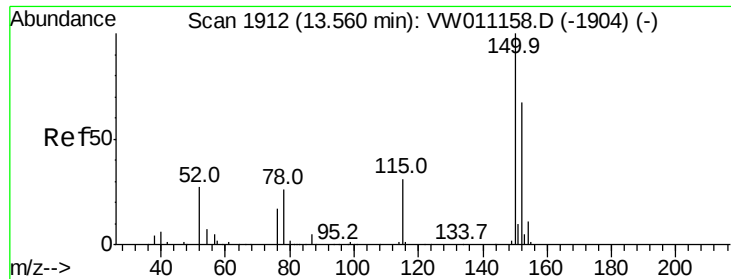
Tot Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	147.6
176	72.6	0.0	144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011351.D
Acq: 19 Jul 2019 00:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.8	48.9	73.3
119	31.5	25.0	37.6



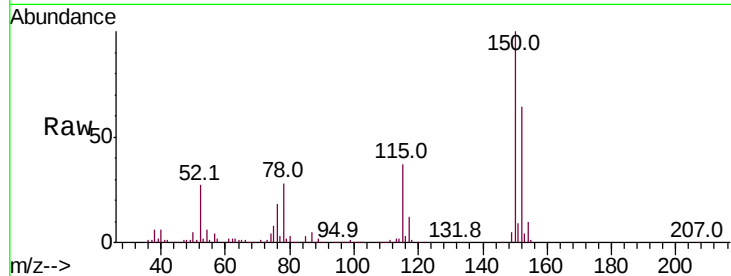


#72

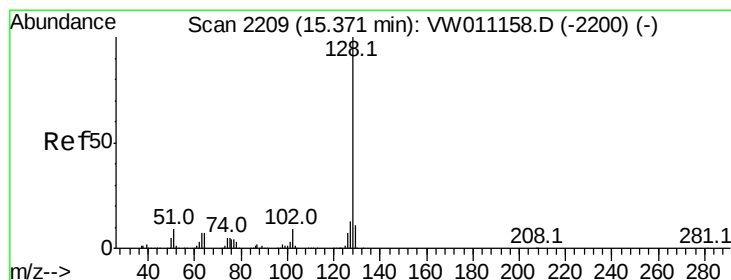
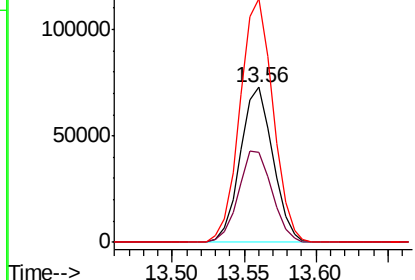
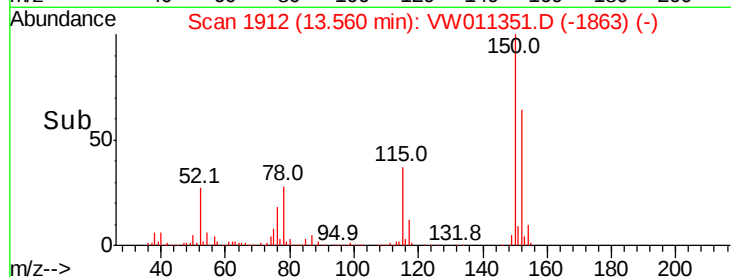
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011351.D
Acq: 19 Jul 2019 00:17

Instrument :
MSVOA_W
ClientSampleId :
18107-NYCT-AVE-Z-TP-4

Tot Ion:152 Resp: 114688
Ion Ratio Lower Upper
152 100
115 60.5 30.1 90.3
150 158.6 0.0 346.0



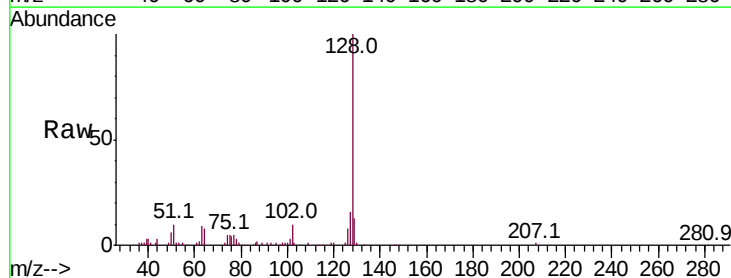
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 6.760 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011351.D
Acq: 19 Jul 2019 00:17

Tgt Ion:128 Resp: 29966
Ion Ratio Lower Upper
128 100
127 14.5 10.6 16.0
129 11.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

