

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011019\
 Data File : VW008176.D
 Acq On : 11 Jan 2019 05:07
 Operator : SY/AP
 Sample : K1099-17
 Misc : 5.80G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-19-20

Quant Time: Jan 11 07:35:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

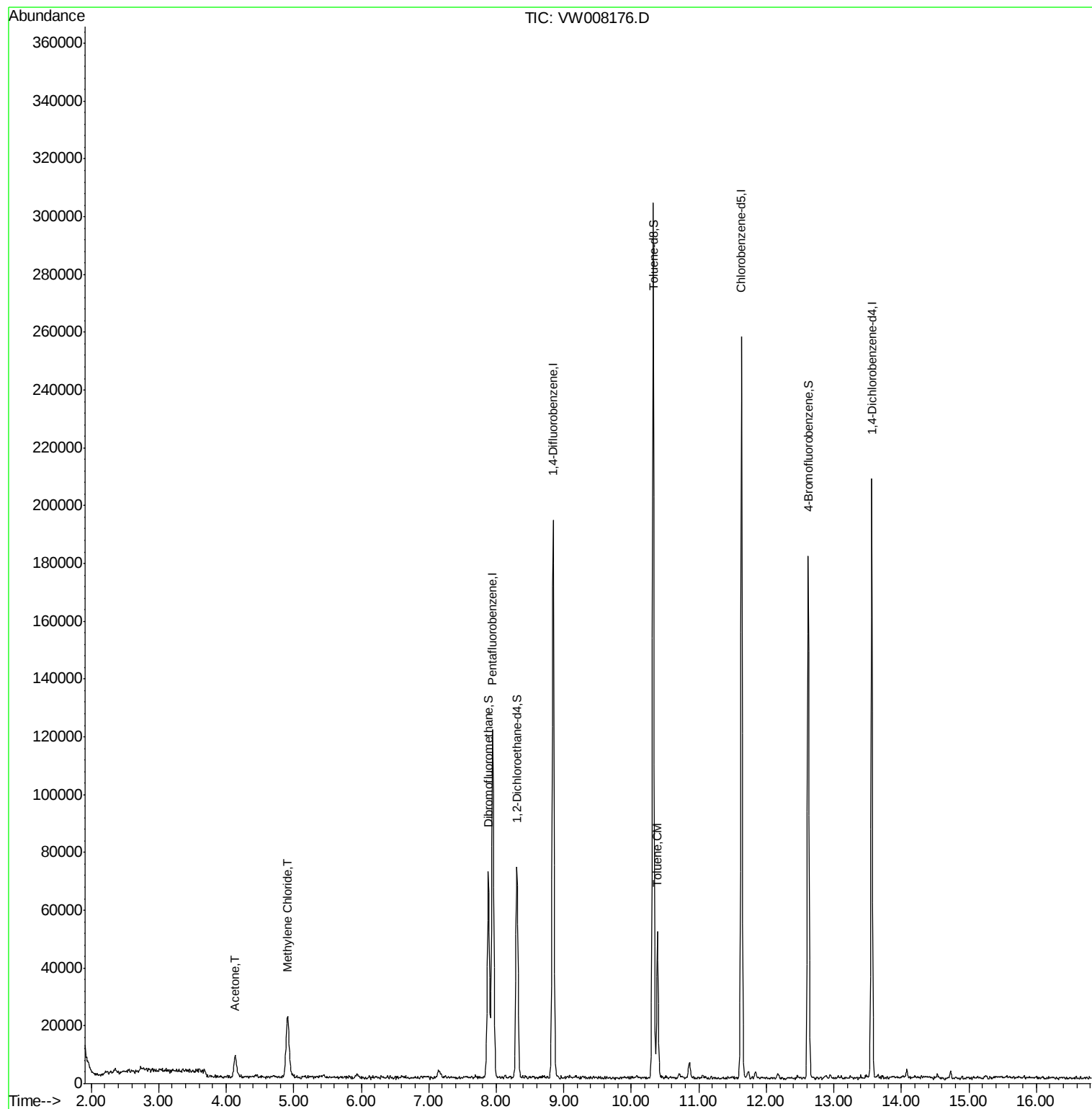
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	159691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	133611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50292	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	54273	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.68%	
35) Dibromofluoromethane	7.88	113	50056	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
50) Toluene-d8	10.32	98	202016	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	57937	41.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.70%	
Target Compounds						
16) Acetone	4.14	43	14625	69.977	ug/l	98
20) Methylene Chloride	4.90	84	15968	13.472	ug/l	95
52) Toluene	10.39	92	21356	7.495	ug/l	99

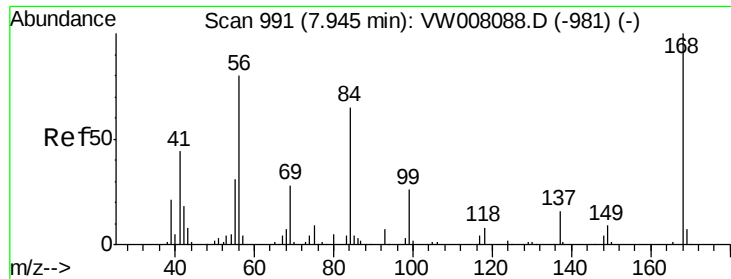
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008176.D

Acq: 11 Jan 2019 05:07

Instrument :

MSVOA_W

ClientSampleId :

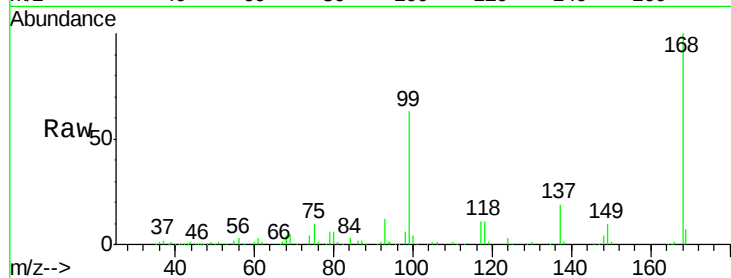
TP-19-20

Tot Ion:168 Resp: 84961

Ion Ratio Lower Upper

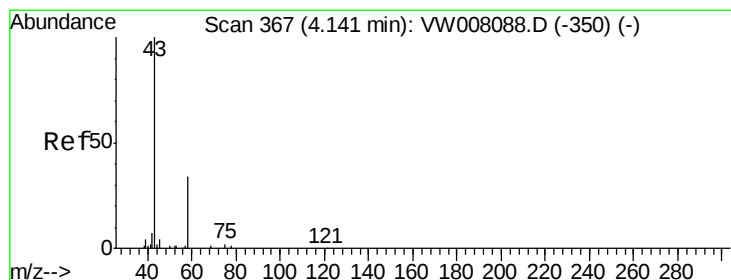
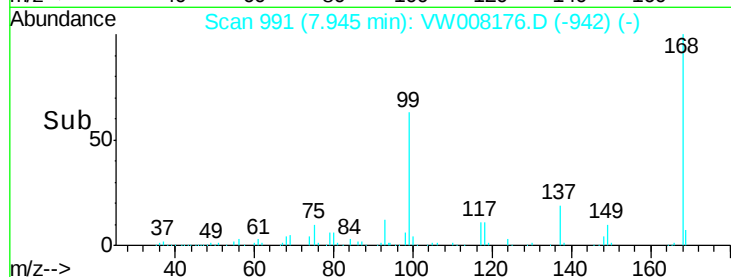
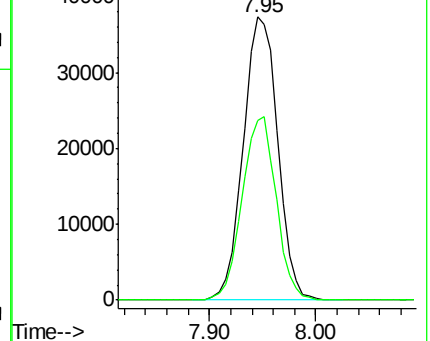
168 100

99 63.3 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 69.977 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW008176.D

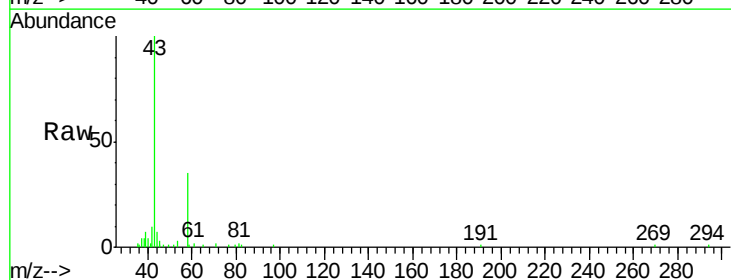
Acq: 11 Jan 2019 05:07

Tgt Ion: 43 Resp: 14625

Ion Ratio Lower Upper

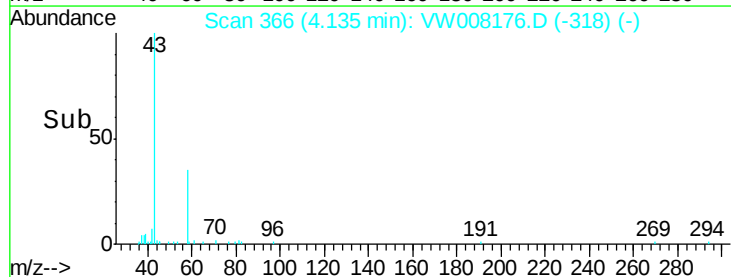
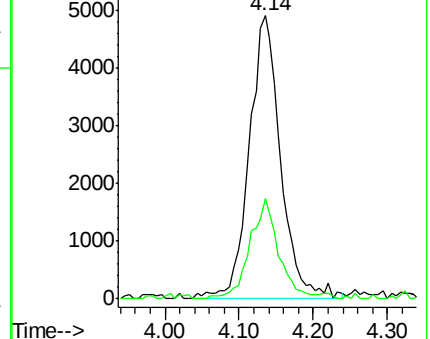
43 100

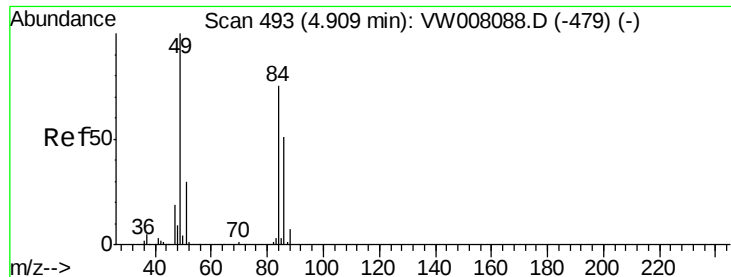
58 35.3 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

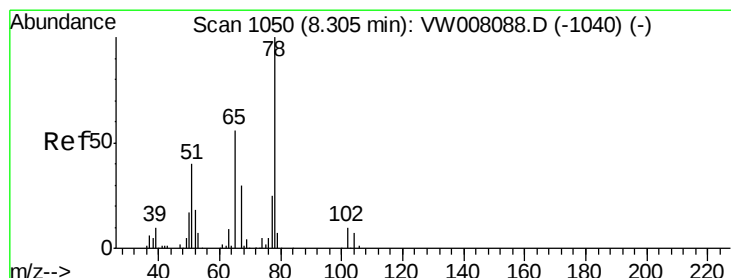
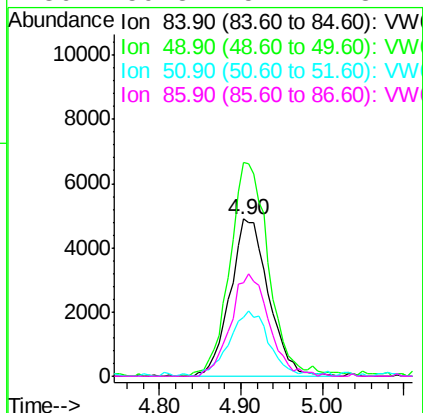
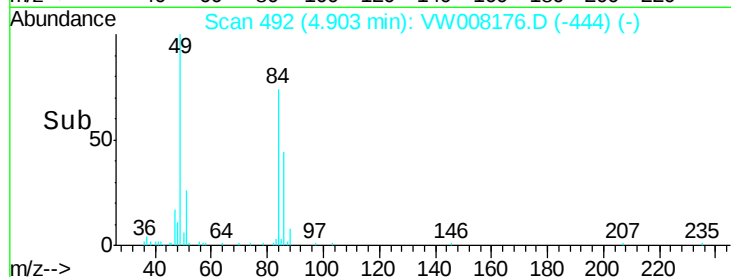
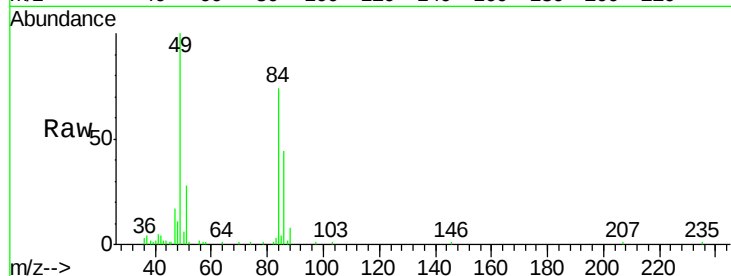




#20
Methylene Chloride
Concen: 13.472 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008176.D
Acq: 11 Jan 2019 05:07

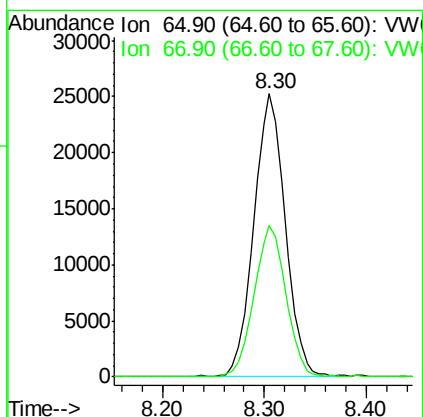
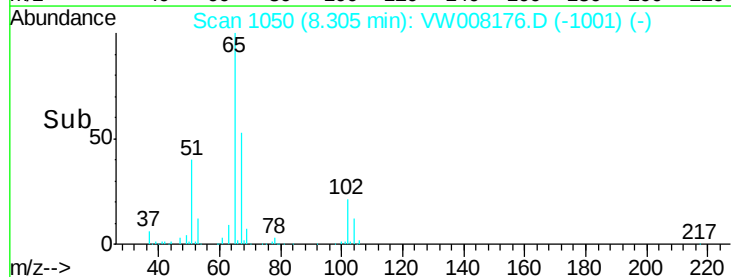
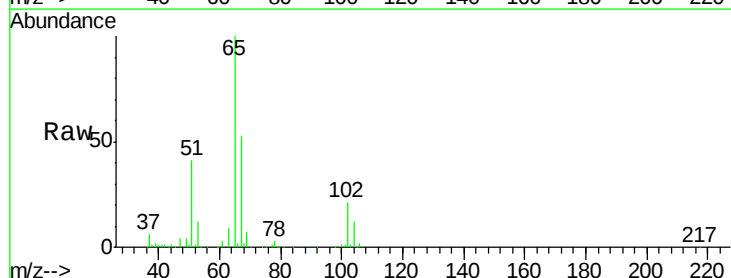
Instrument :
MSVOA_W
ClientSampled :
TP-19-20

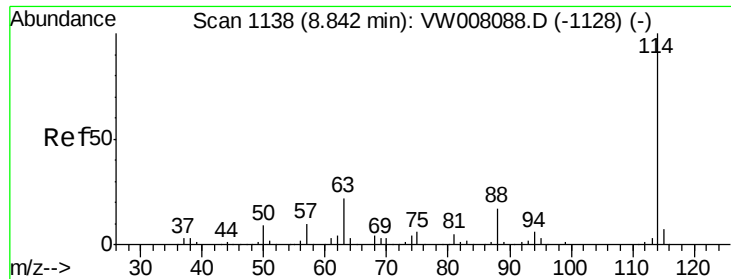
Tot Ion: 84 Resp: 15968
Ion Ratio Lower Upper
84 100
49 135.7 107.1 160.7
51 36.6 32.4 48.6
86 59.8 54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 56.837 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008176.D
Acq: 11 Jan 2019 05:07

Tgt Ion: 65 Resp: 54273
Ion Ratio Lower Upper
65 100
67 54.0 0.0 106.8

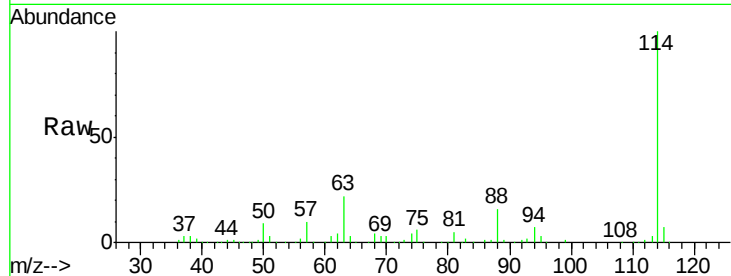




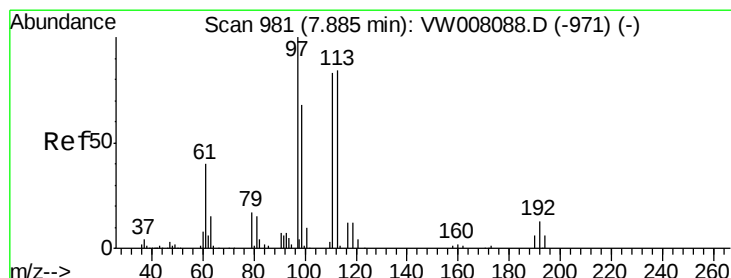
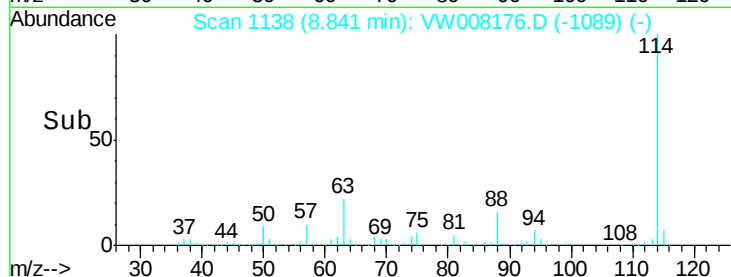
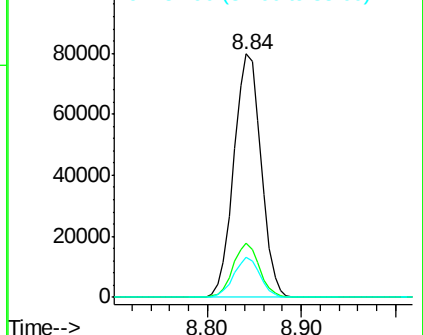
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008176.D
 Acq: 11 Jan 2019 05:07

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-19-20

Tot Ion:114 Resp: 159691
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.4
 88 16.3 0.0 33.4

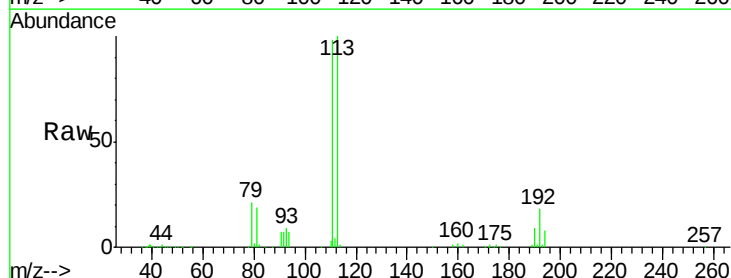


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

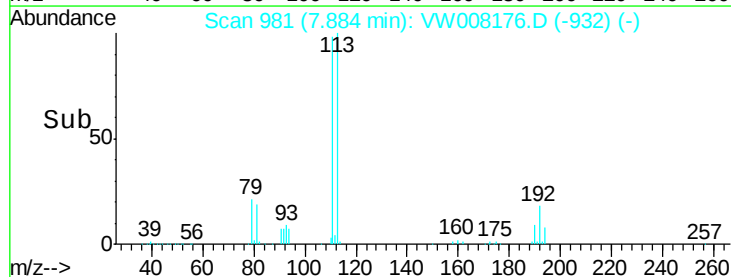
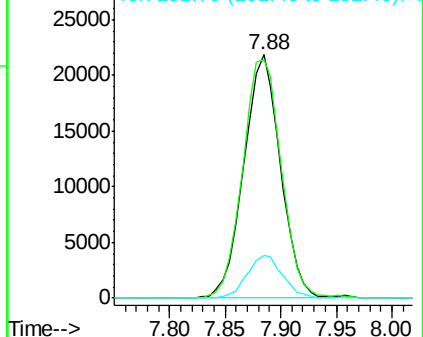


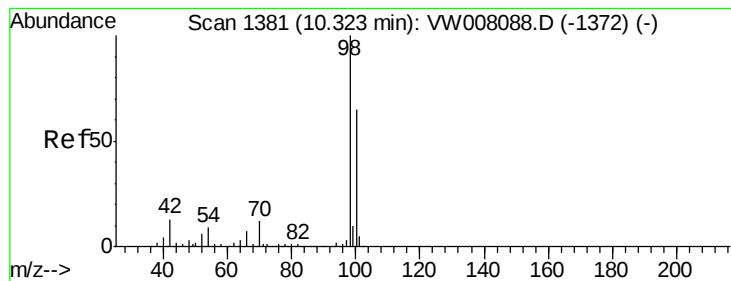
#35
 Dibromofluoromethane
 Concen: 53.744 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008176.D
 Acq: 11 Jan 2019 05:07

Tgt Ion:113 Resp: 50056
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.8 122.8
 192 17.1 12.8 19.2



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: 51.687 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW008176.D

Acq: 11 Jan 2019 05:07

Instrument :

MSVOA_W

ClientSampled :

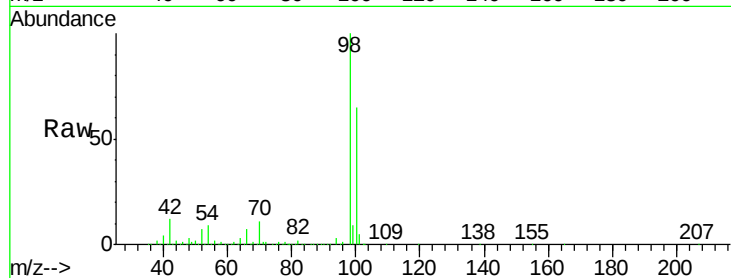
TP-19-20

Tot Ion: 98 Resp: 202016

Ion Ratio Lower Upper

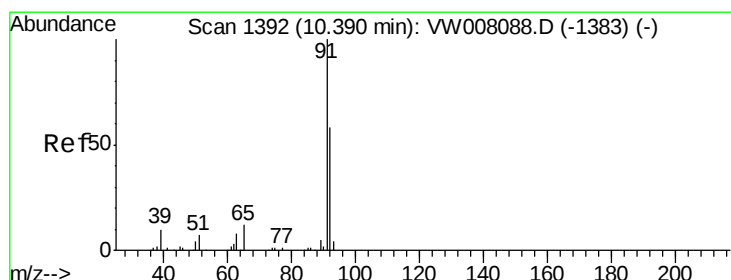
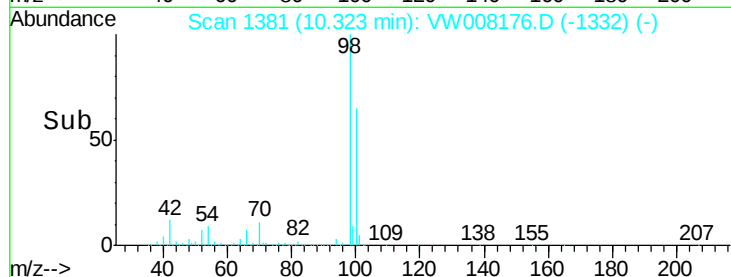
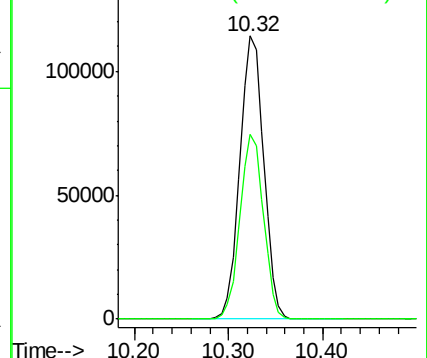
98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#52

Toluene

Concen: 7.495 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008176.D

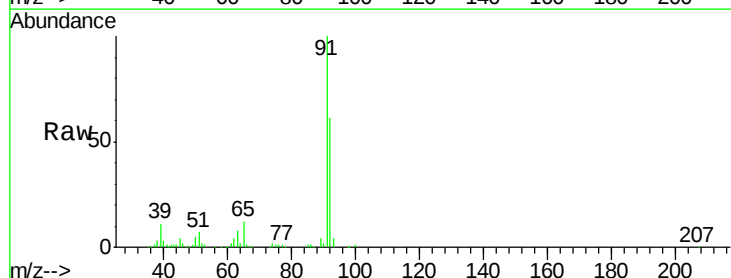
Acq: 11 Jan 2019 05:07

Tgt Ion: 92 Resp: 21356

Ion Ratio Lower Upper

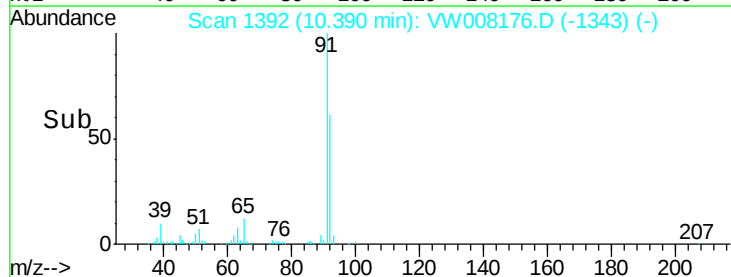
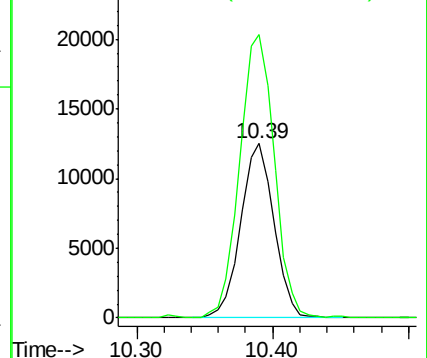
92 100

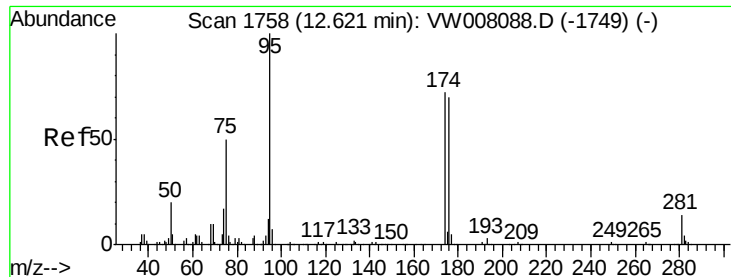
91 170.0 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

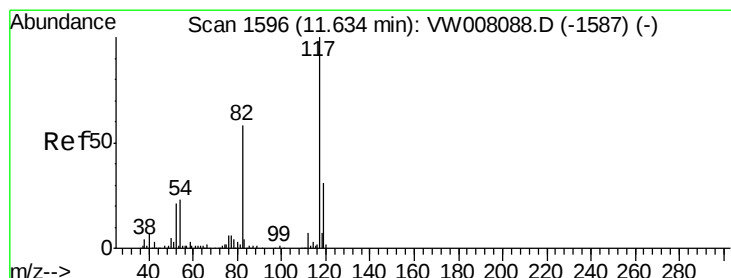
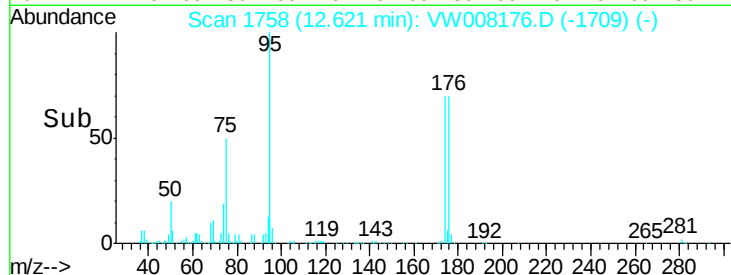
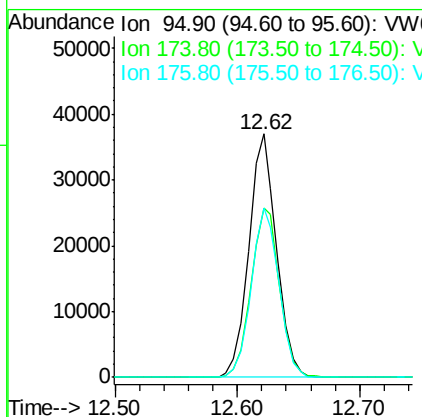
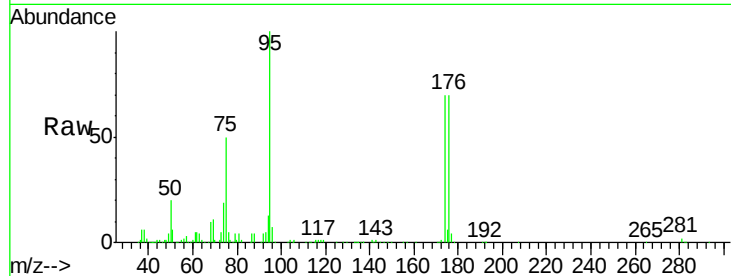




#62
4-Bromofluorobenzene
Concen: 41.349 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008176.D
Acq: 11 Jan 2019 05:07

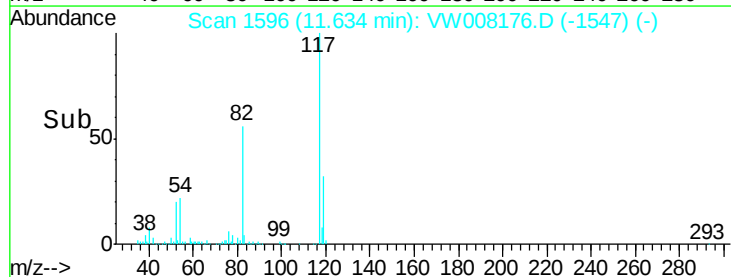
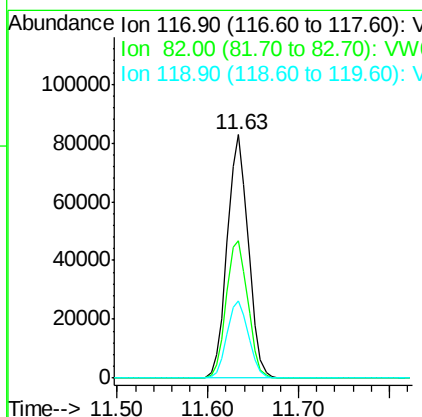
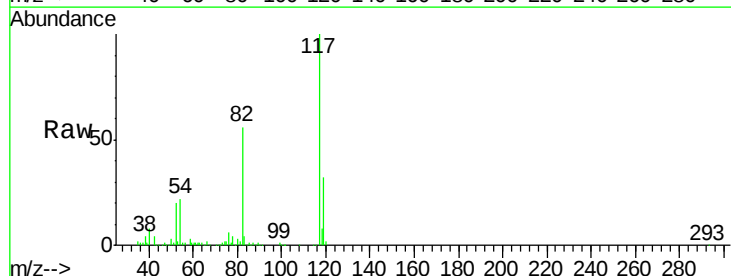
Instrument :
MSVOA_W
ClientSampled :
TP-19-20

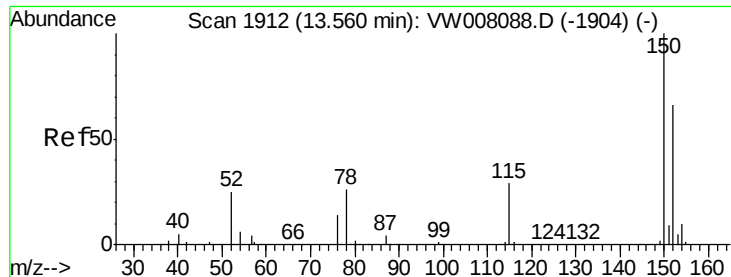
Tot Ion: 95 Resp: 57937
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.0
176 69.8 0.0 140.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008176.D
Acq: 11 Jan 2019 05:07

Tgt Ion: 117 Resp: 133611
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.0 24.7 37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008176.D

Acq: 11 Jan 2019 05:07

Instrument :

MSVOA_W

ClientSampleId :

TP-19-20

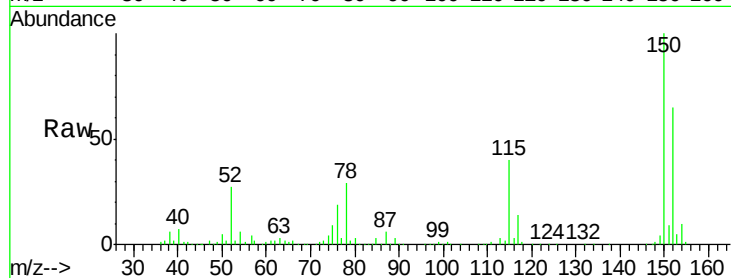
Tot Ion:152 Resp: 50292

Ion Ratio Lower Upper

152 100

115 62.1 30.8 92.4

150 154.7 0.0 350.2



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

