

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015291.D
 Acq On : 22 Apr 2020 04:24
 Operator : SY/VA
 Sample : L2342-08
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-17-16

Quant Time: Apr 22 08:10:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

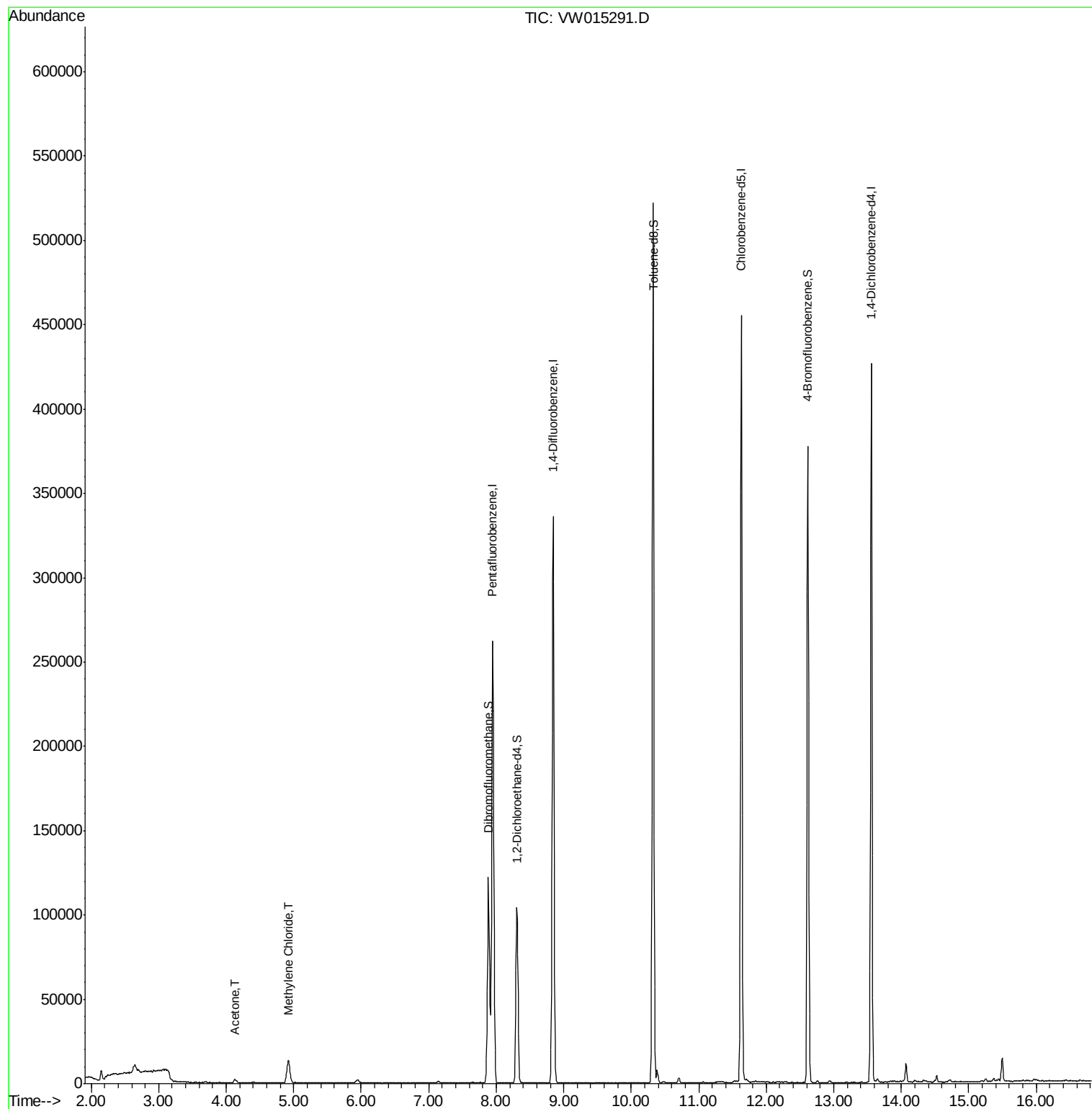
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	217745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	296975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	120784	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	82104	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
35) Dibromofluoromethane	7.88	113	83851	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
50) Toluene-d8	10.32	98	356817	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.62	95	116228	44.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
16) Acetone	4.13	43	4018	12.919	ug/l	98
20) Methylene Chloride	4.92	84	11649	5.715	ug/l #	88

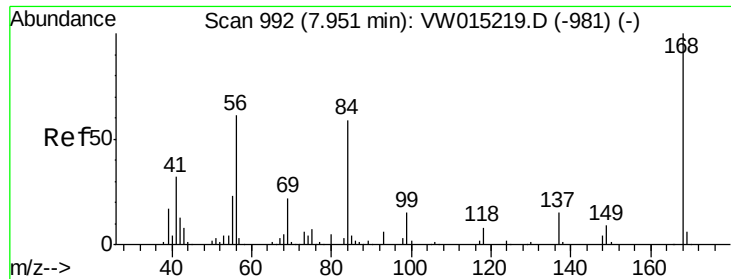
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015291.D

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MSVOA_W

ClientSampleId :

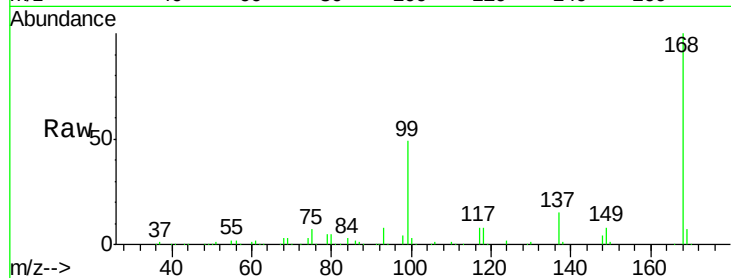
TP-17-16

Tot Ion:168 Resp: 217745

Ion Ratio Lower Upper

168 100

99 48.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

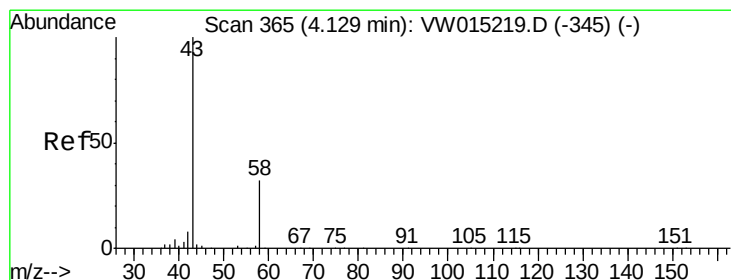
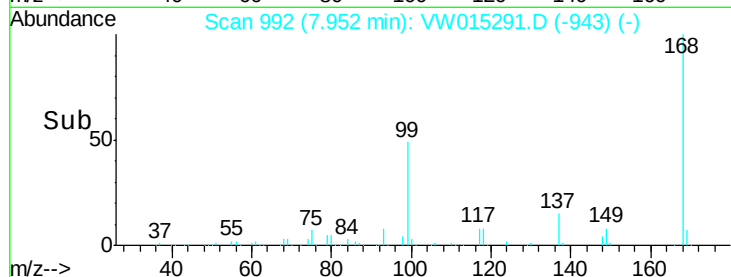
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 12.919 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015291.D

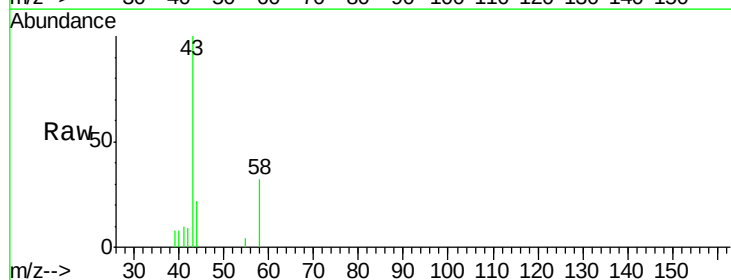
Acq: 22 Apr 2020 04:24

Tgt Ion: 43 Resp: 4018

Ion Ratio Lower Upper

43 100

58 32.8 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

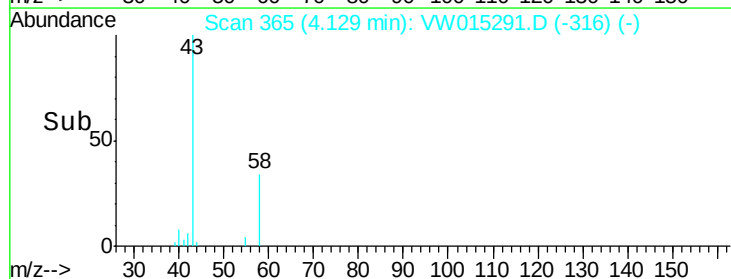
1500

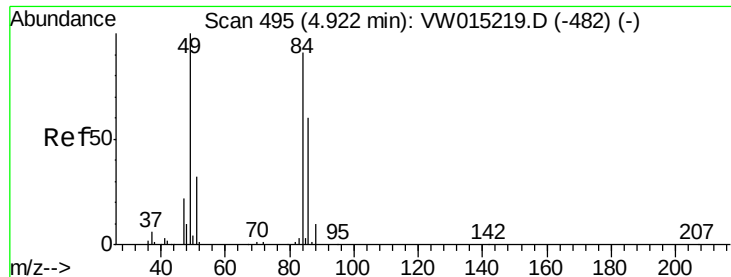
1000

500

0

Time--> 4.10 4.20

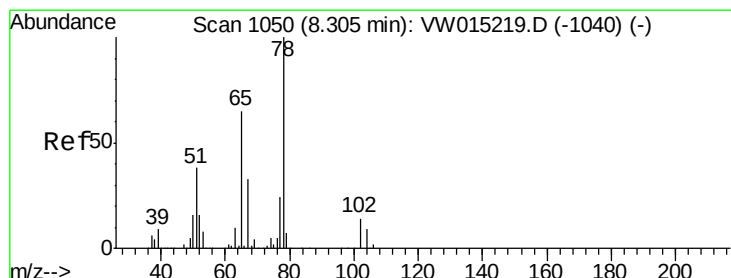
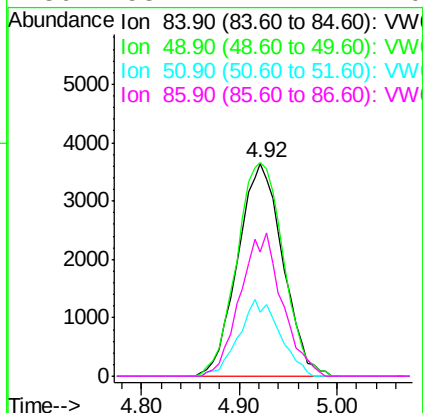
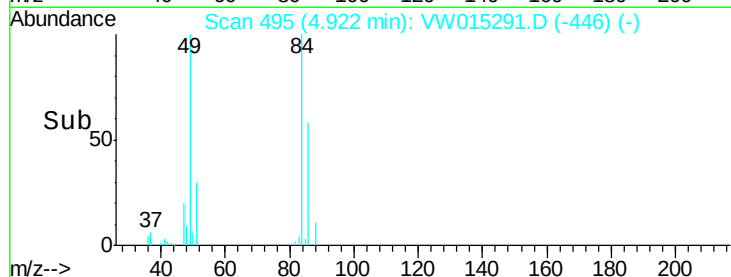
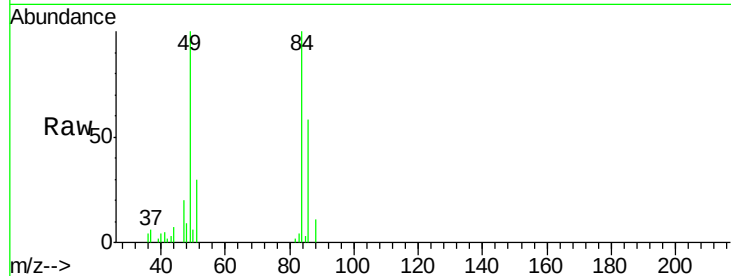




#20
Methylene Chloride
Concen: 5.715 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

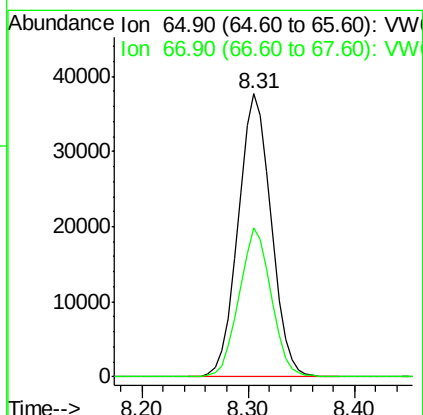
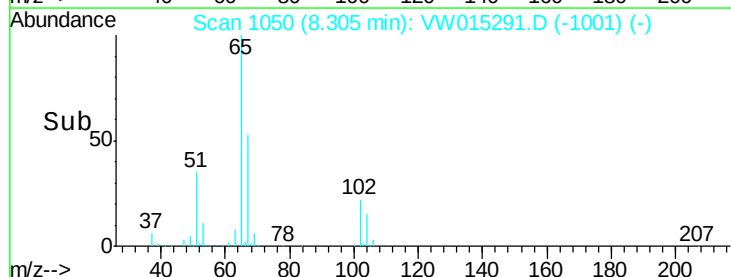
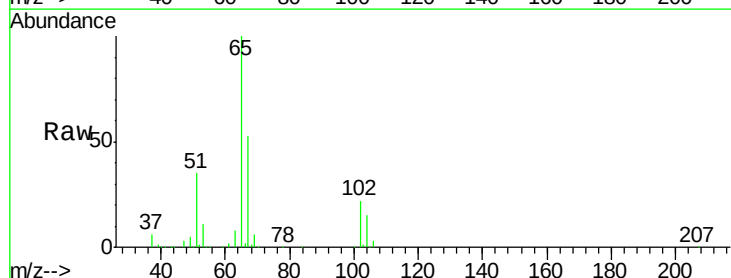
Instrument :
MSVOA_W
ClientSampleId :
TP-17-16

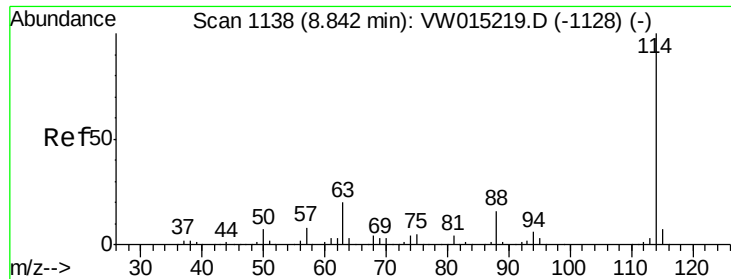
Tot Ion: 84 Resp: 11649
Ion Ratio Lower Upper
84 100
49 100.2 95.4 143.0
51 29.8 29.8 44.8#
86 58.4 47.4 71.0



#33
1,2-Dichloroethane-d4
Concen: 46.110 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

Tgt Ion: 65 Resp: 82104
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.0

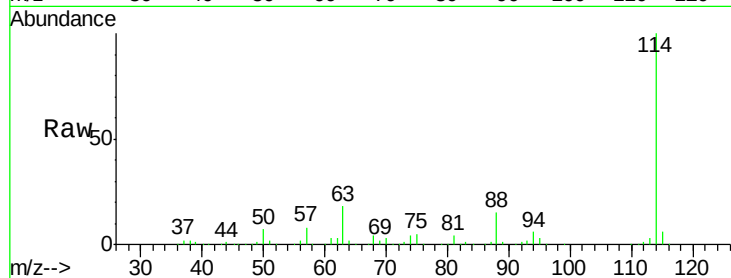




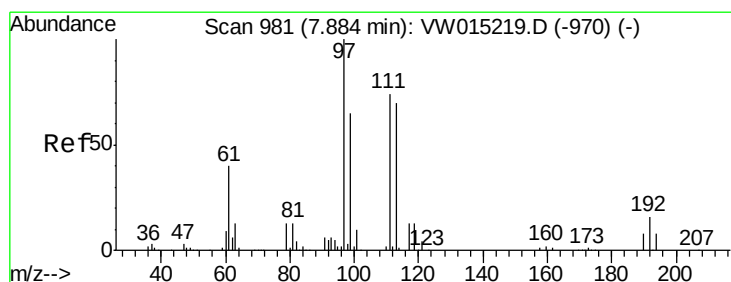
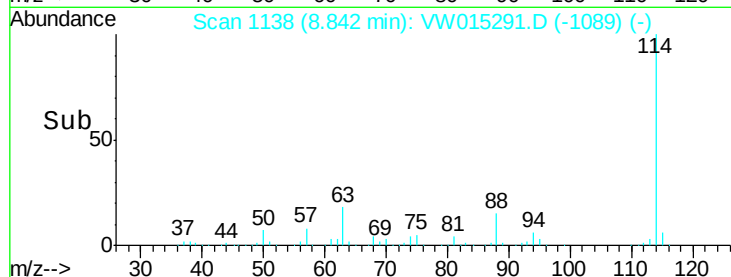
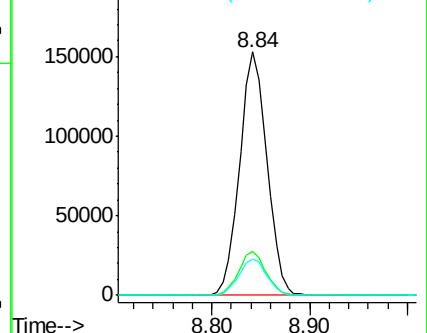
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015291.D
 Acq: 22 Apr 2020 04:24

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-17-16

Tot Ion:114 Resp: 296975
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.8
 88 14.9 0.0 30.2

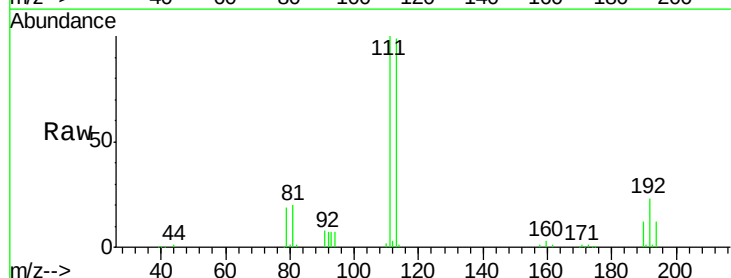


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

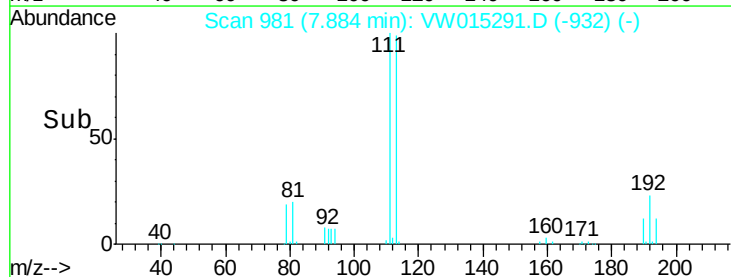
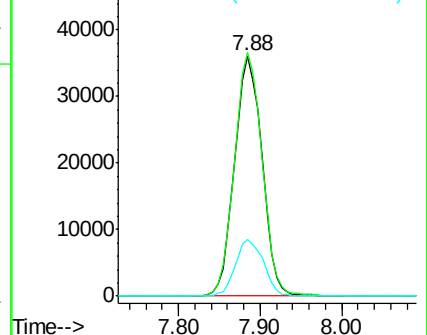


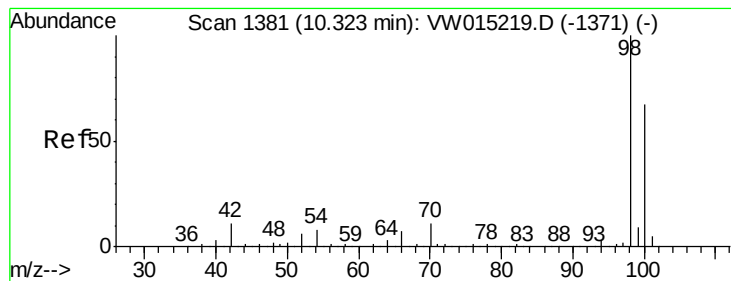
#35
 Dibromofluoromethane
 Concen: 50.973 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW015291.D
 Acq: 22 Apr 2020 04:24

Tgt Ion:113 Resp: 83851
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.4
 192 23.7 15.1 22.7#



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: 51.563 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015291.D

Acq: 22 Apr 2020 04:24

Instrument :

MSVOA_W

ClientSampled :

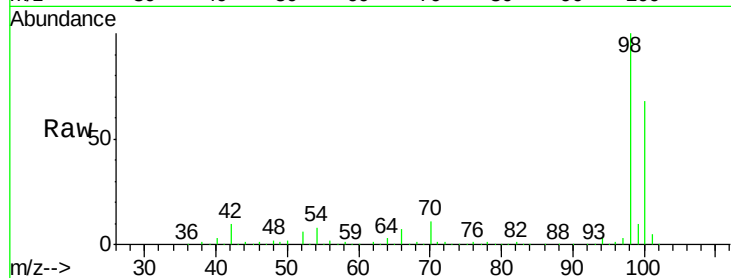
TP-17-16

Tot Ion: 98 Resp: 356817

Ion Ratio Lower Upper

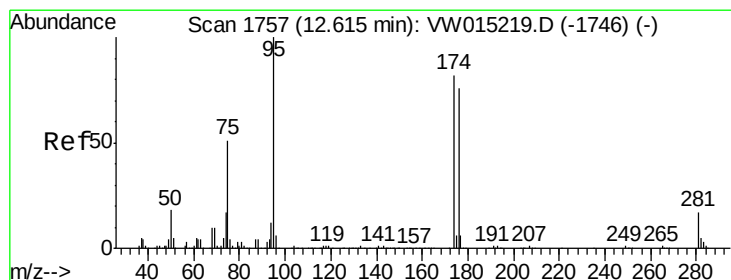
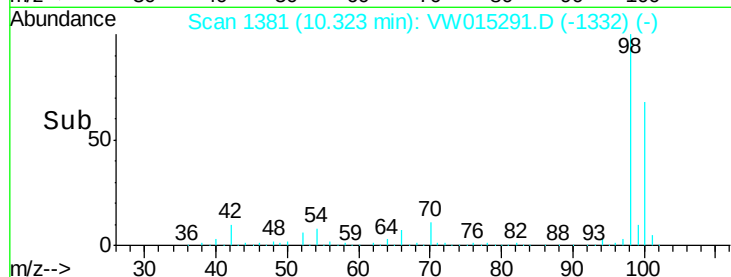
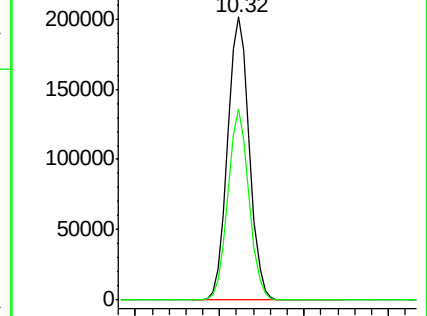
98 100

100 65.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 44.021 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015291.D

Acq: 22 Apr 2020 04:24

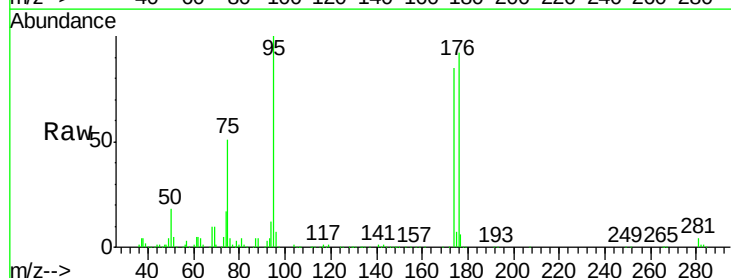
Tgt Ion: 95 Resp: 116228

Ion Ratio Lower Upper

95 100

174 92.2 0.0 144.4

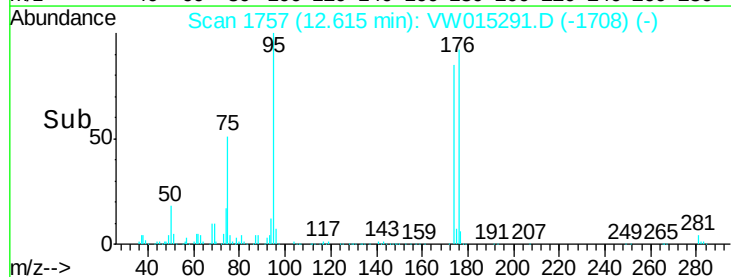
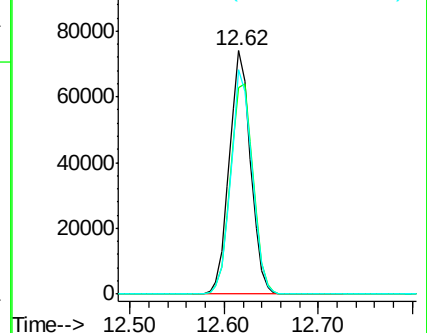
176 91.6 0.0 140.6

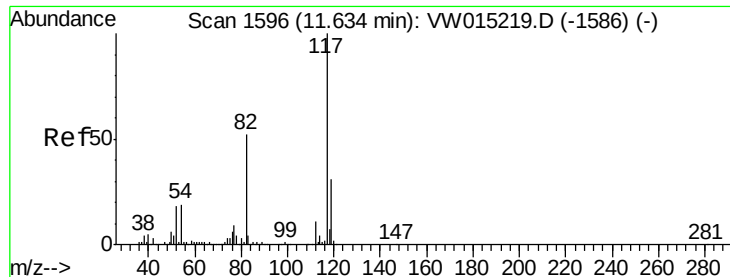


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

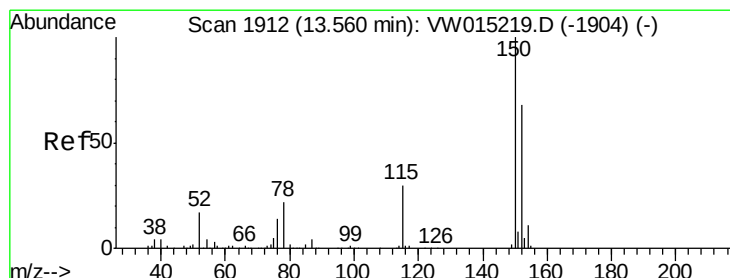
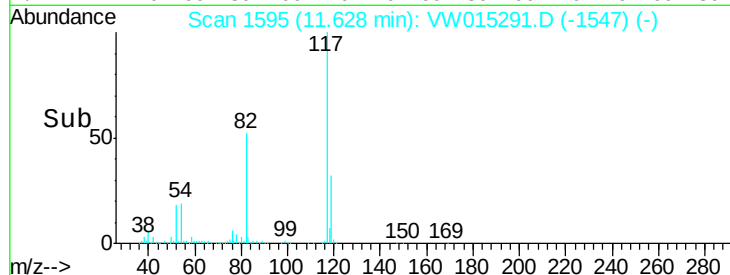
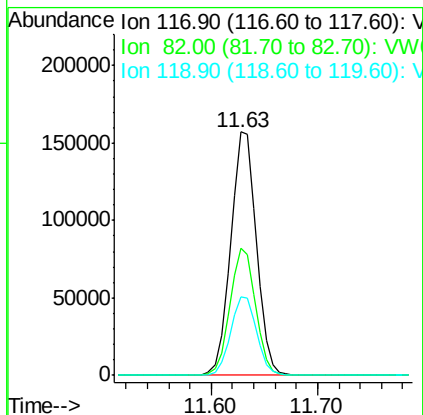
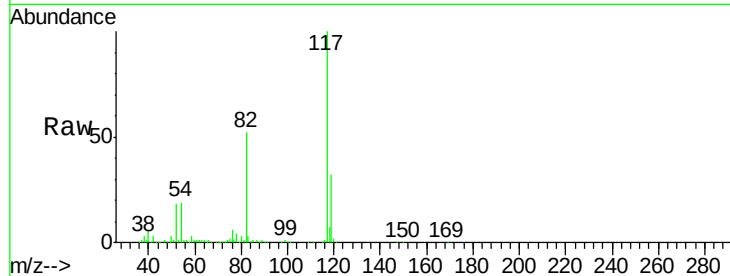




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

Instrument :
MSVOA_W
ClientSampleId :
TP-17-16

Tot Ion:117 Resp: 266282
Ion Ratio Lower Upper
117 100
82 52.3 44.1 66.1
119 32.2 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015291.D
Acq: 22 Apr 2020 04:24

Tgt Ion:152 Resp: 120784
Ion Ratio Lower Upper
152 100
115 55.4 31.3 93.9
150 154.8 0.0 343.4

