

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\
 Data File : VW016286.D
 Acq On : 21 Aug 2020 02:26
 Operator : SY/VA
 Sample : L3742-06
 Misc : 9.20G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-10-D2

Quant Time: Aug 21 04:34:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

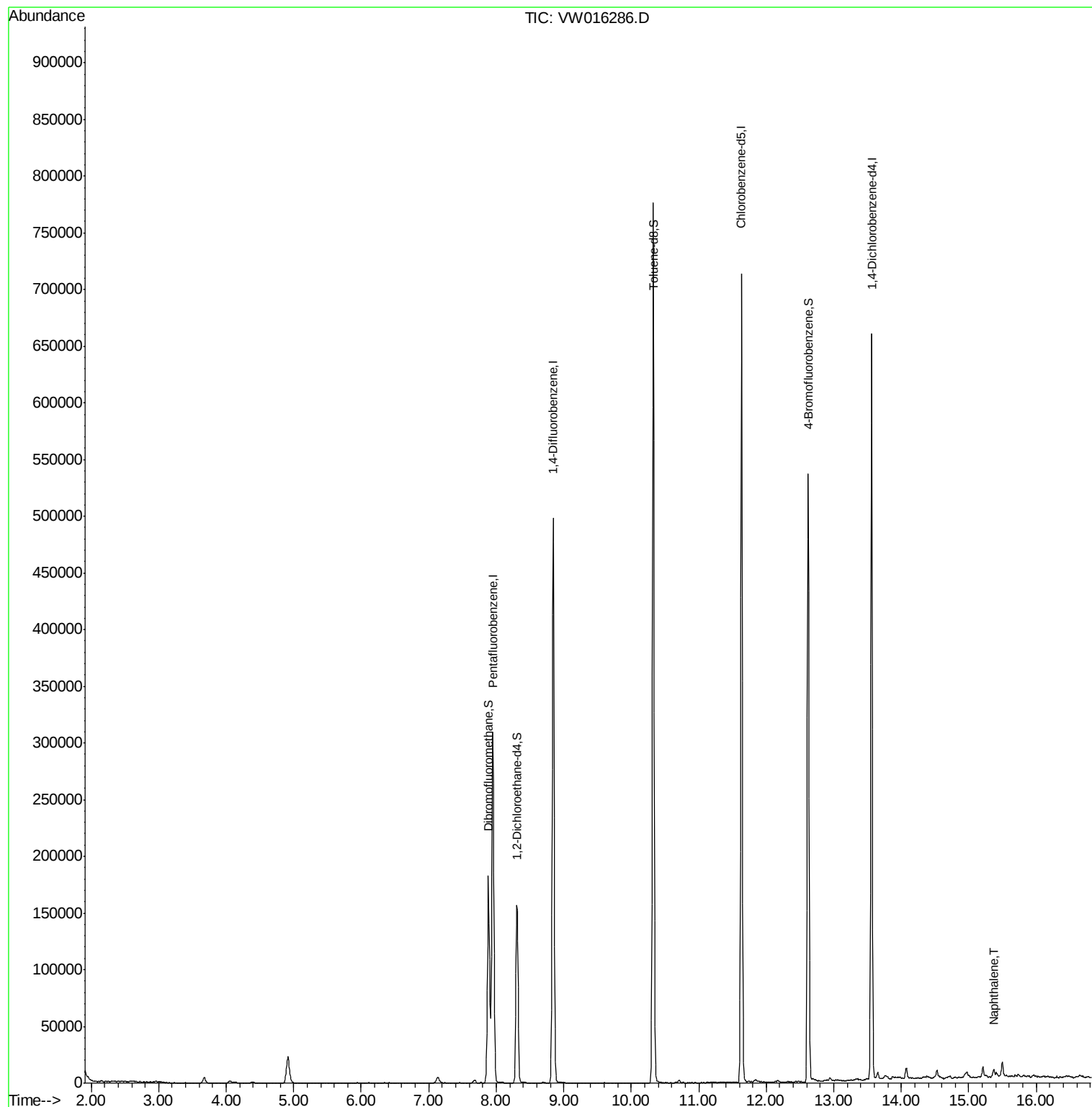
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126097	56.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.60%	
35) Dibromofluoromethane	7.88	113	135687	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
50) Toluene-d8	10.32	98	545753	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.62	95	194993	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
95) Naphthalene	15.36	128	6175	4.464	ug/l #	Qvalue 96

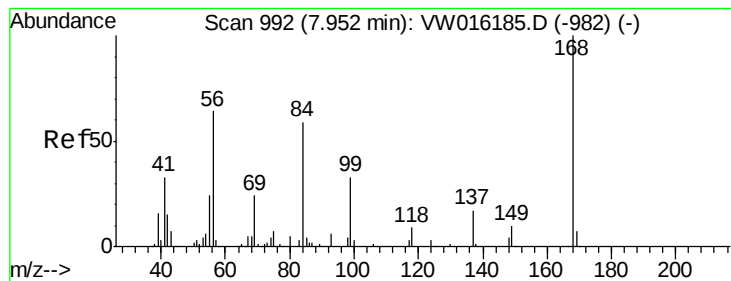
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

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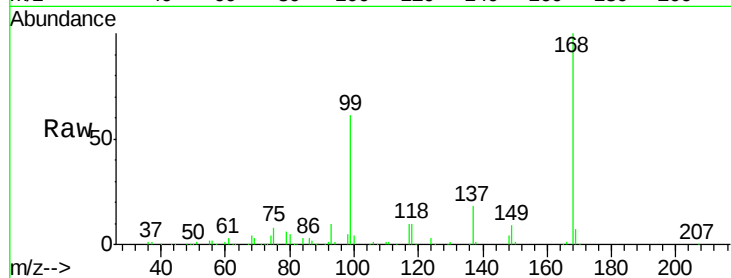
TP-10-D2

Tot Ion:168 Resp: 229658

Ion Ratio Lower Upper

168 100

99 60.9 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

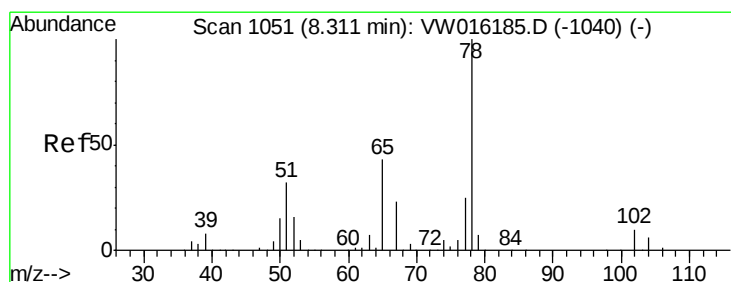
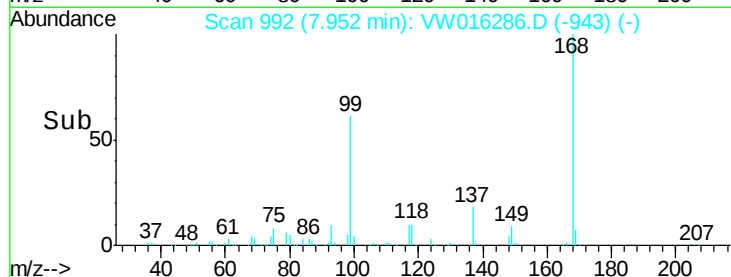
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 56.303 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016286.D

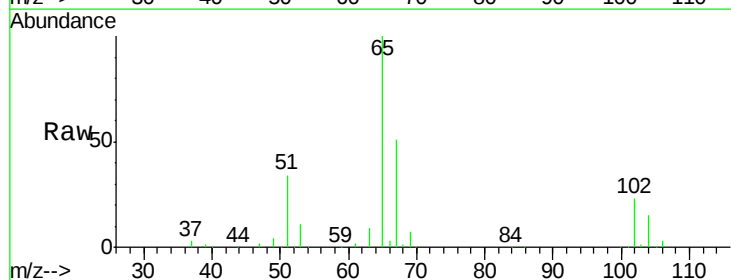
Acq: 21 Aug 2020 02:26

Tgt Ion: 65 Resp: 126097

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

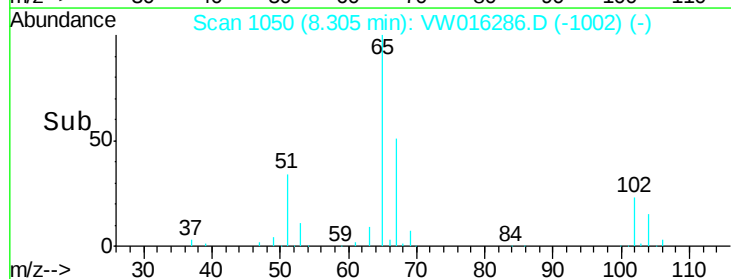
60000

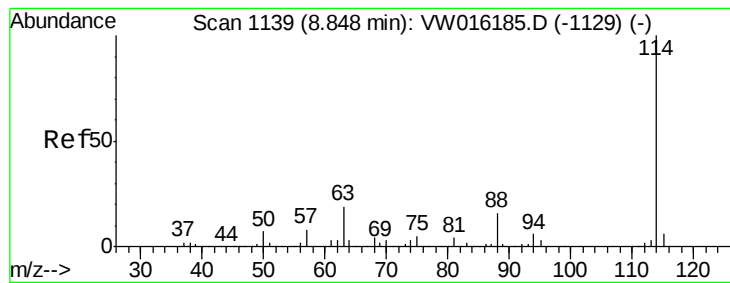
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

Instrument :

MSVOA_W

ClientSampleId :

TP-10-D2

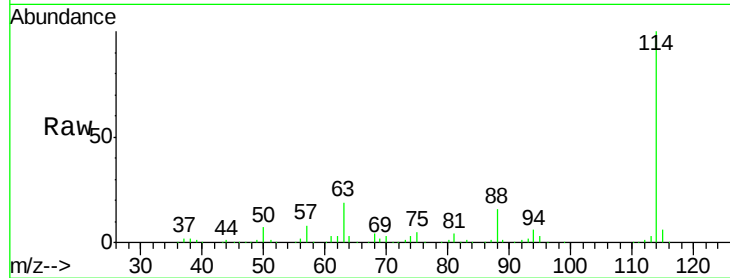
Tot Ion:114 Resp: 443967

Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 16.2 0.0 32.8



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

8.84

250000

200000

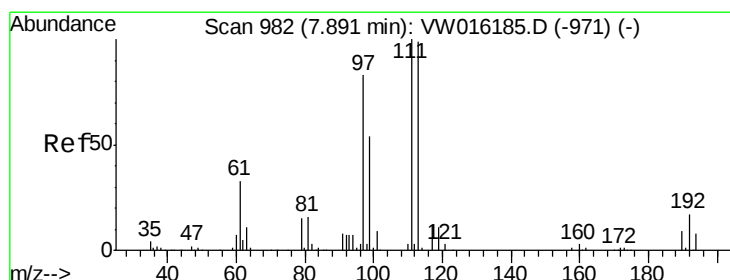
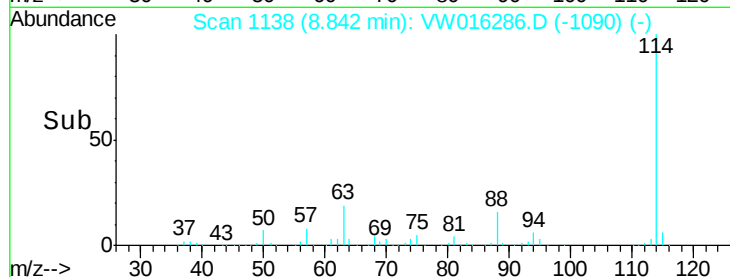
150000

100000

50000

0

Time--> 8.70 8.80 8.90 9.00



#35

Dibromofluoromethane

Concen: 49.533 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW016286.D

Acq: 21 Aug 2020 02:26

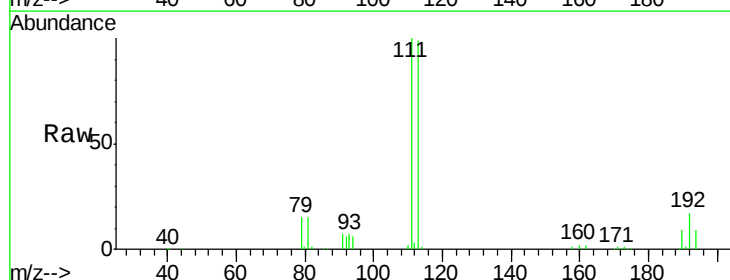
Tgt Ion:113 Resp: 135687

Ion Ratio Lower Upper

113 100

111 101.7 83.5 125.3

192 18.1 14.3 21.5



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

7.88

80000

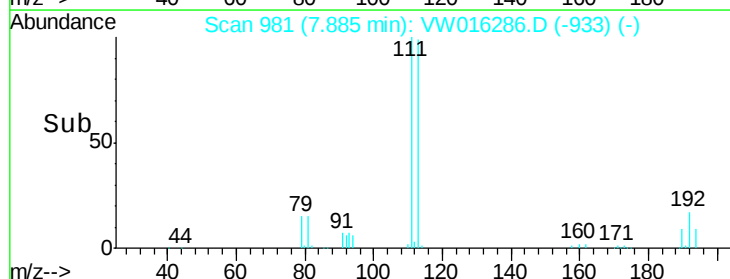
60000

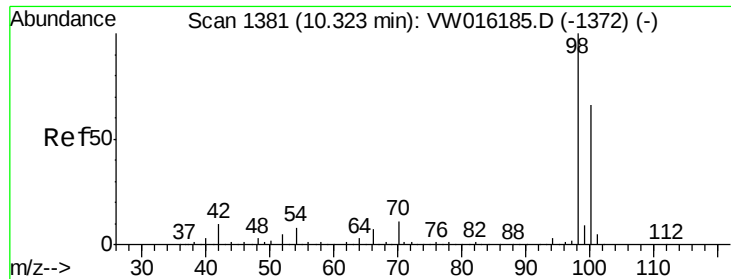
40000

20000

0

Time--> 7.80 7.90 8.00

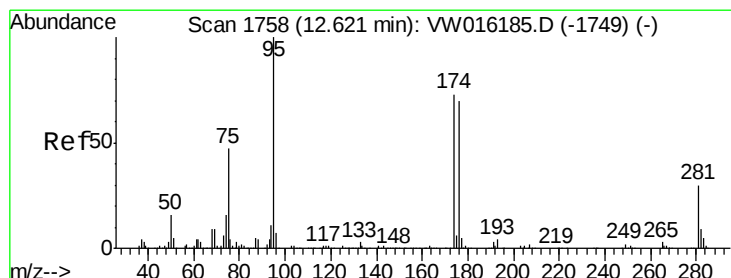
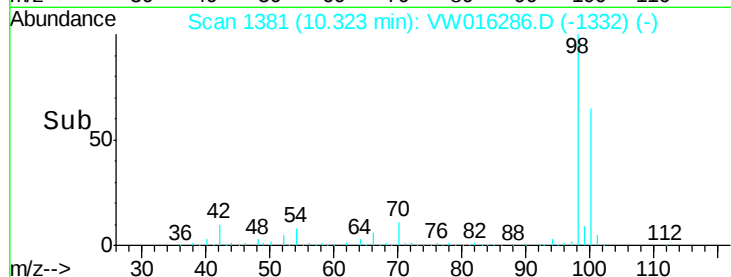
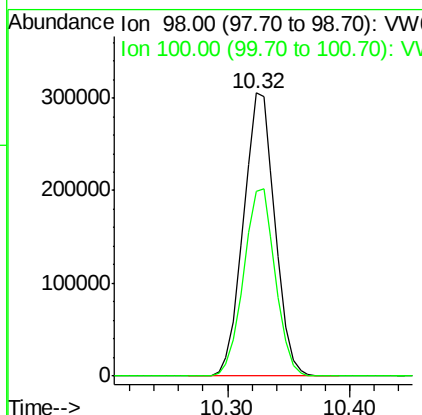
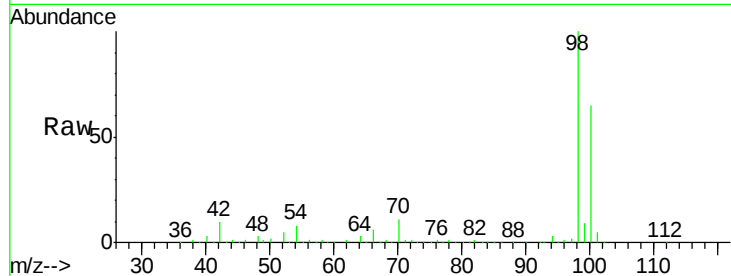




#50
Toluene-d8
Concen: 51.469 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

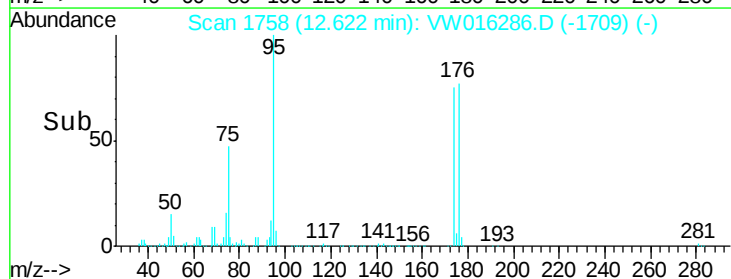
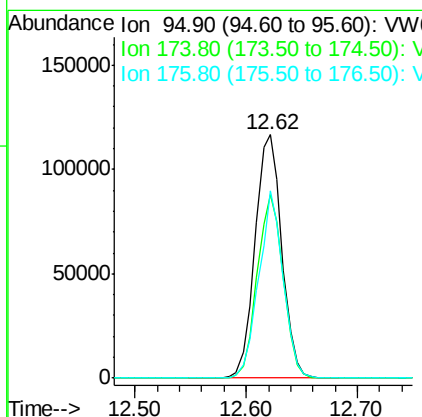
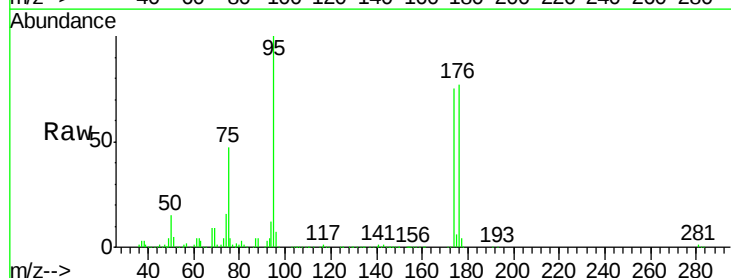
Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

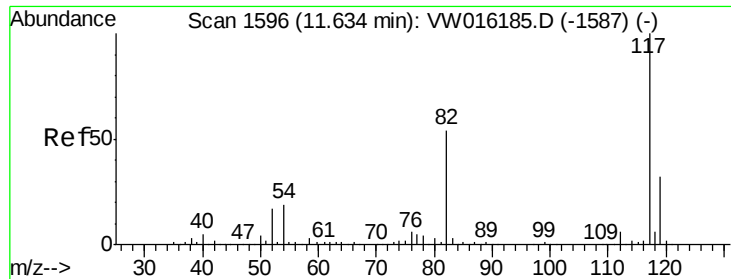
Tot Ion: 98 Resp: 545753
Ion Ratio Lower Upper
98 100
100 66.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.446 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

Tgt Ion: 95 Resp: 194993
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.6
176 70.3 0.0 137.8

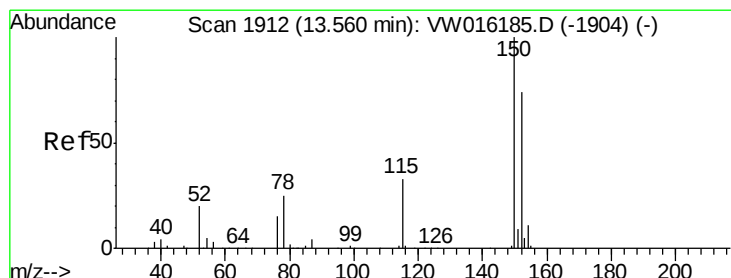
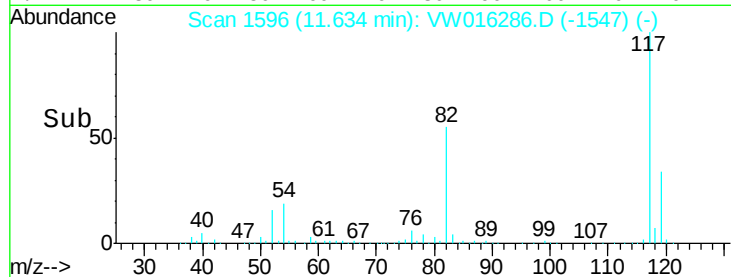
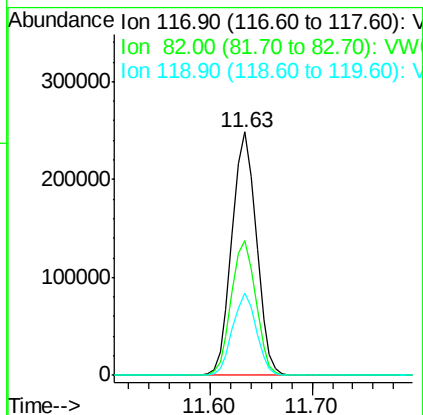
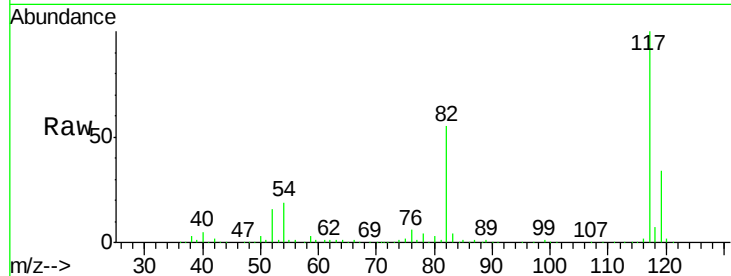




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

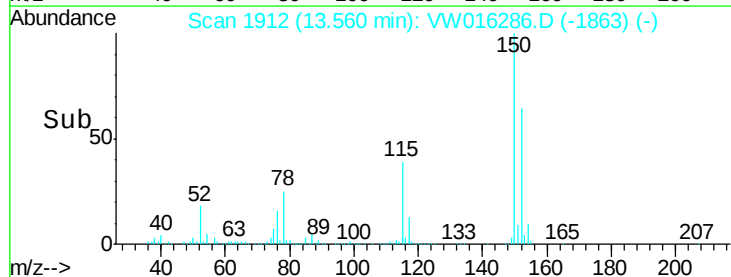
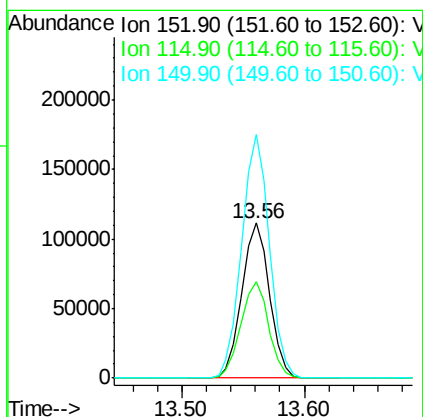
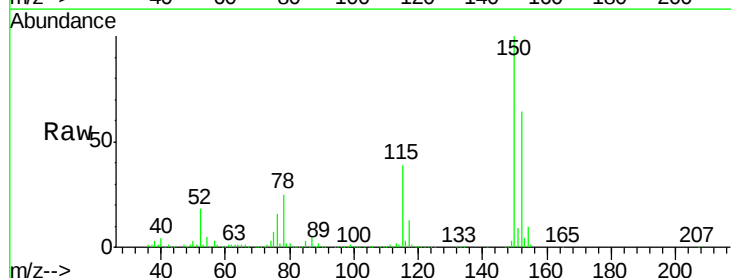
Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

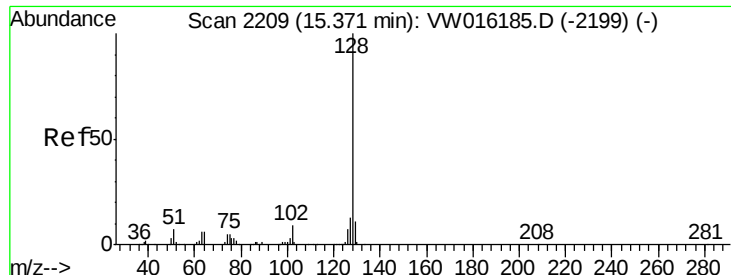
Tot Ion:117 Resp: 413189
Ion Ratio Lower Upper
117 100
82 55.2 43.6 65.4
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

Tgt Ion:152 Resp: 175666
Ion Ratio Lower Upper
152 100
115 62.3 30.9 92.5
150 156.7 0.0 337.8

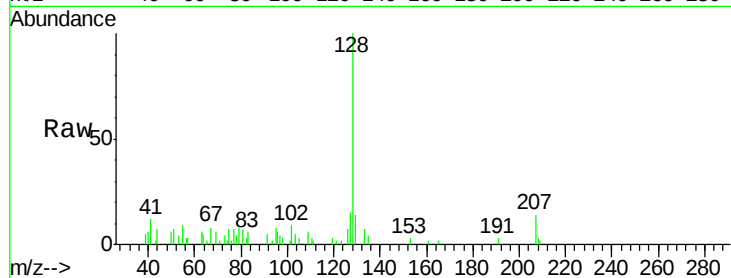




#95
Naphthalene
Concen: 4.464 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016286.D
Acq: 21 Aug 2020 02:26

Instrument :
MSVOA_W
ClientSampleId :
TP-10-D2

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	13.3	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

