

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013989.D
 Acq On : 12 Nov 2019 21:16
 Operator : SY/VA
 Sample : K5789-06
 Misc : 6.33G/5.0ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-16B-S2

Quant Time: Nov 13 08:22:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	288929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	383141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168990	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	126428	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	7.88	113	132728	53.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.50%	
50) Toluene-d8	10.32	98	525686	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
62) 4-Bromofluorobenzene	12.62	95	162486	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	

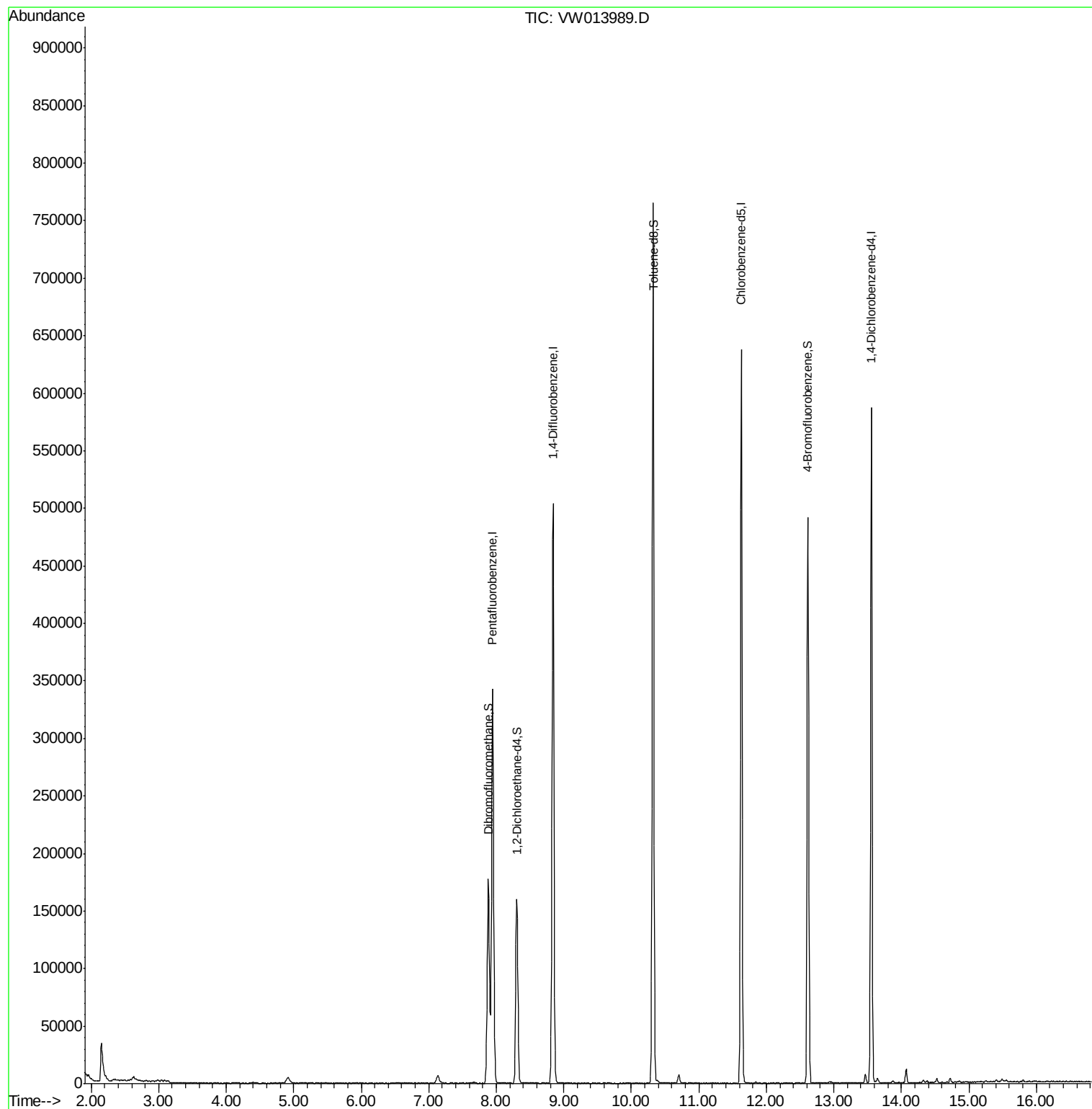
Target Compounds	Qvalue
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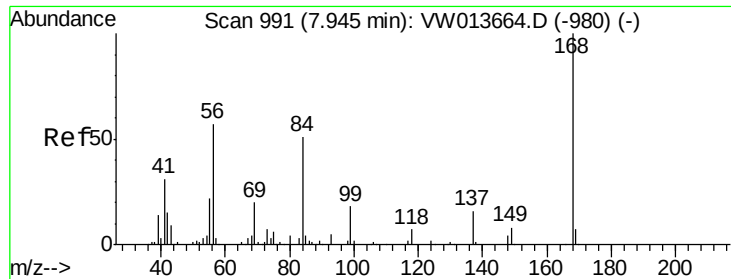
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013989.D

Acq: 12 Nov 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

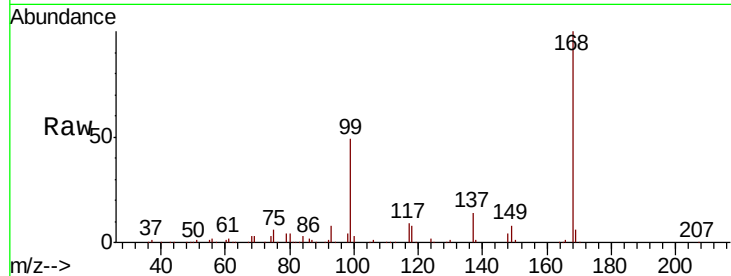
TP-16B-S2

Tot Ion:168 Resp: 288929

Ion Ratio Lower Upper

168 100

99 48.6 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

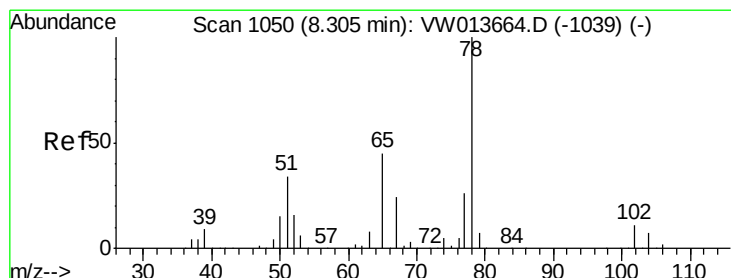
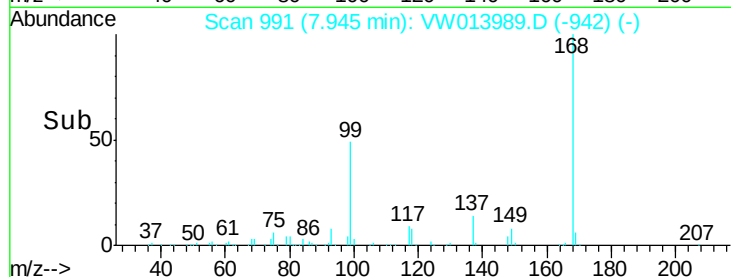
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 58.331 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013989.D

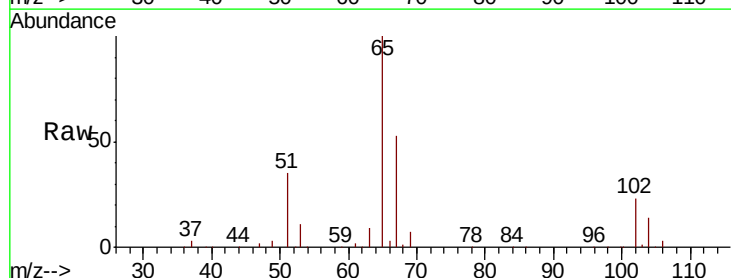
Acq: 12 Nov 2019 21:16

Tgt Ion: 65 Resp: 126428

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

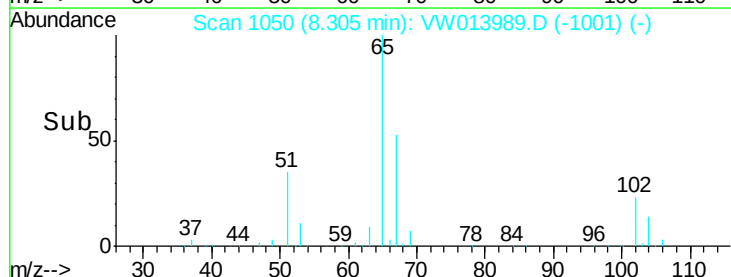
40000

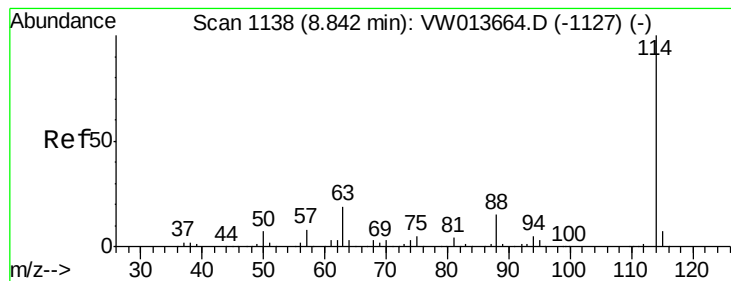
20000

0

8.20 8.30 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013989.D

Acq: 12 Nov 2019 21:16

Instrument :

MSVOA_W

ClientSampleId :

TP-16B-S2

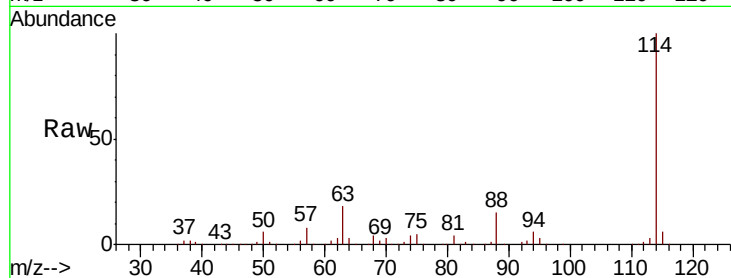
Tot Ion:114 Resp: 448546

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.6

88 15.0 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

8.84

250000

200000

150000

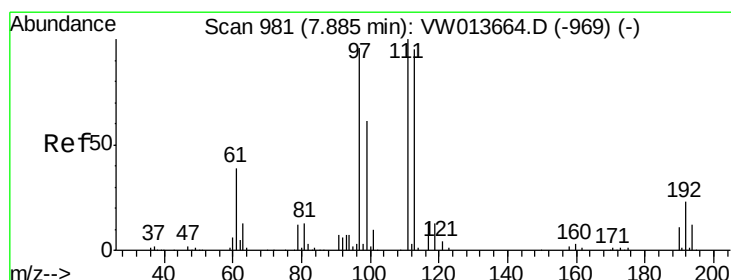
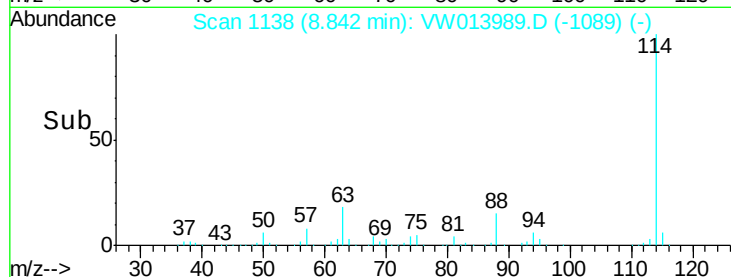
100000

50000

0

8.80 8.90

Time-->



#35

Dibromofluoromethane

Concen: 53.254 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013989.D

Acq: 12 Nov 2019 21:16

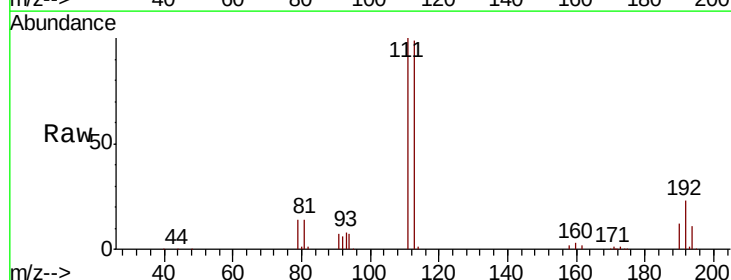
Tgt Ion:113 Resp: 132728

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

192 23.9 19.4 29.2



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

7.88

60000

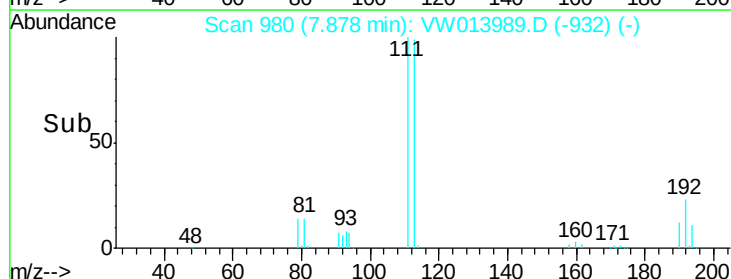
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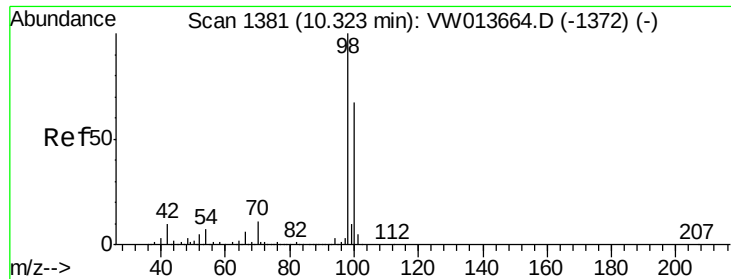
20000

0

7.80 7.90 8.00

Time-->

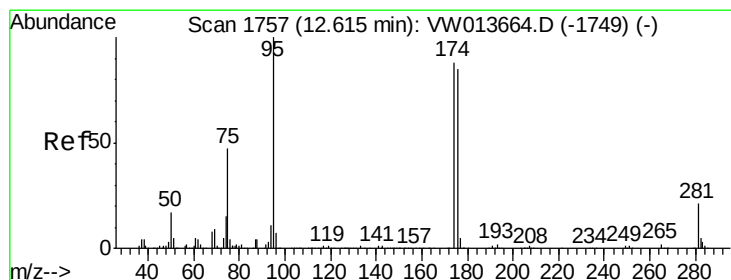
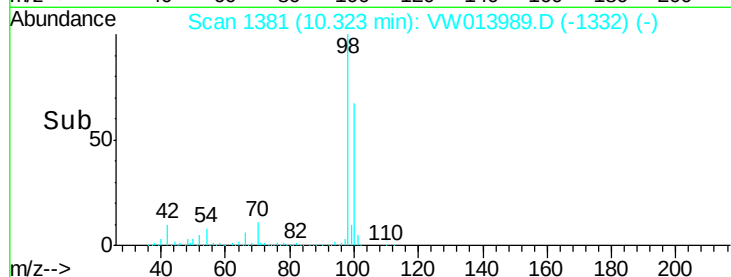
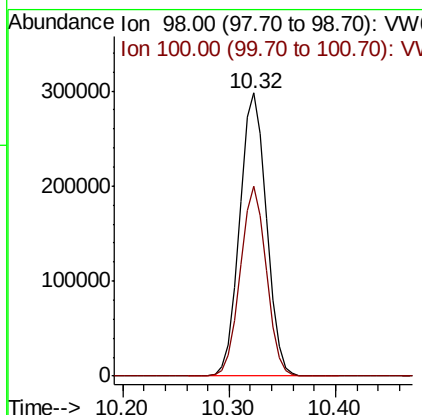
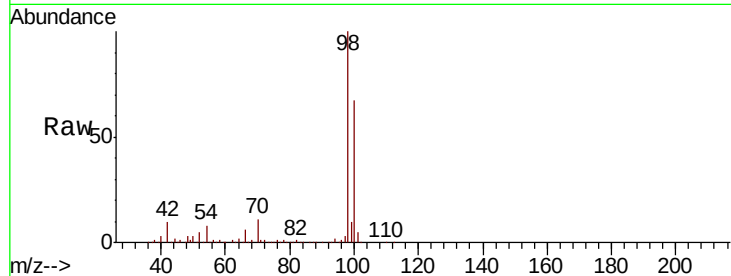




#50
Toluene-d8
Concen: 51.762 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013989.D
Acq: 12 Nov 2019 21:16

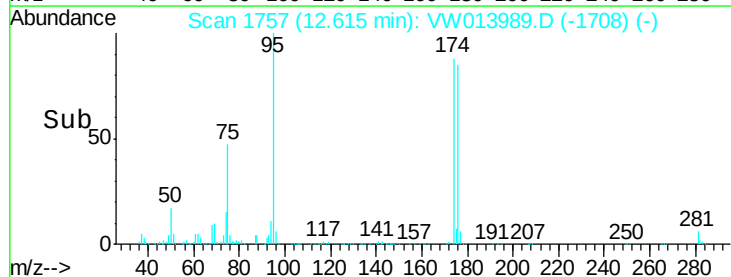
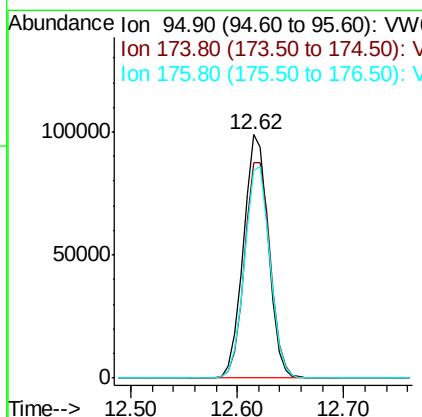
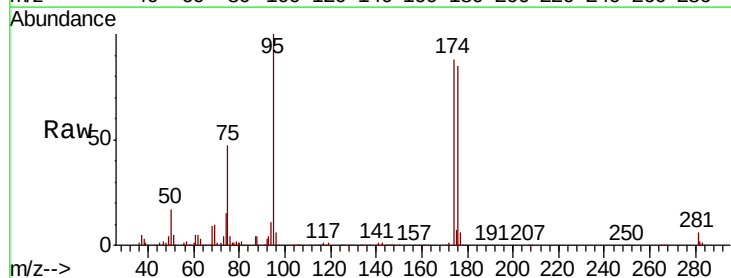
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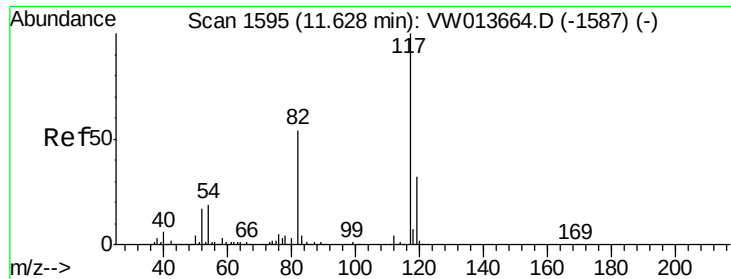
Tot Ion: 98 Resp: 525686
Ion Ratio Lower Upper
98 100
100 65.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 47.251 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013989.D
Acq: 12 Nov 2019 21:16

Tgt Ion: 95 Resp: 162486
Ion Ratio Lower Upper
95 100
174 92.1 0.0 183.6
176 88.8 0.0 178.0

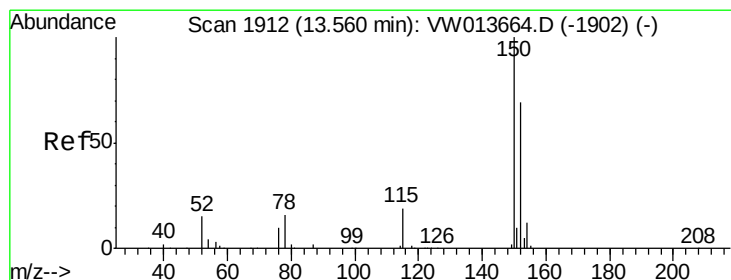
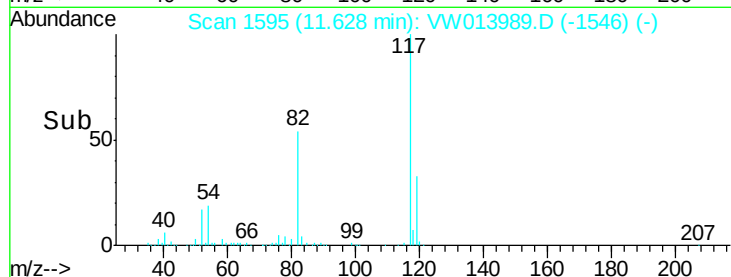
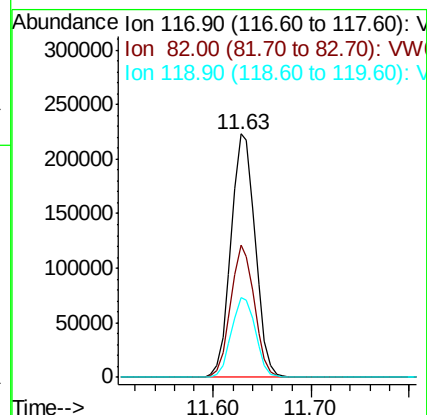
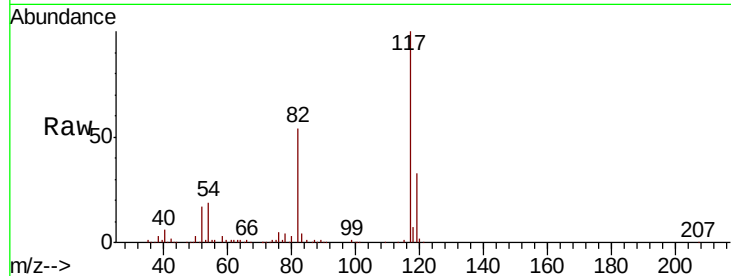




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013989.D
Acq: 12 Nov 2019 21:16

Instrument :
MSVOA_W
ClientSampleId :
TP-16B-S2

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.6	65.4
119	32.6	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013989.D
Acq: 12 Nov 2019 21:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	27.4	82.2
150	156.2	0.0	345.4

