

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015295.D
 Acq On : 22 Apr 2020 06:05
 Operator : SY/VA
 Sample : L2353-01
 Misc : 5.96G/5ML/MSVOA W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-240

Quant Time: Apr 22 08:00:42 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	202182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	275104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	247969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	109708	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	78288	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	7.88	113	77344	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.32	98	328958	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
62) 4-Bromofluorobenzene	12.62	95	109617	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

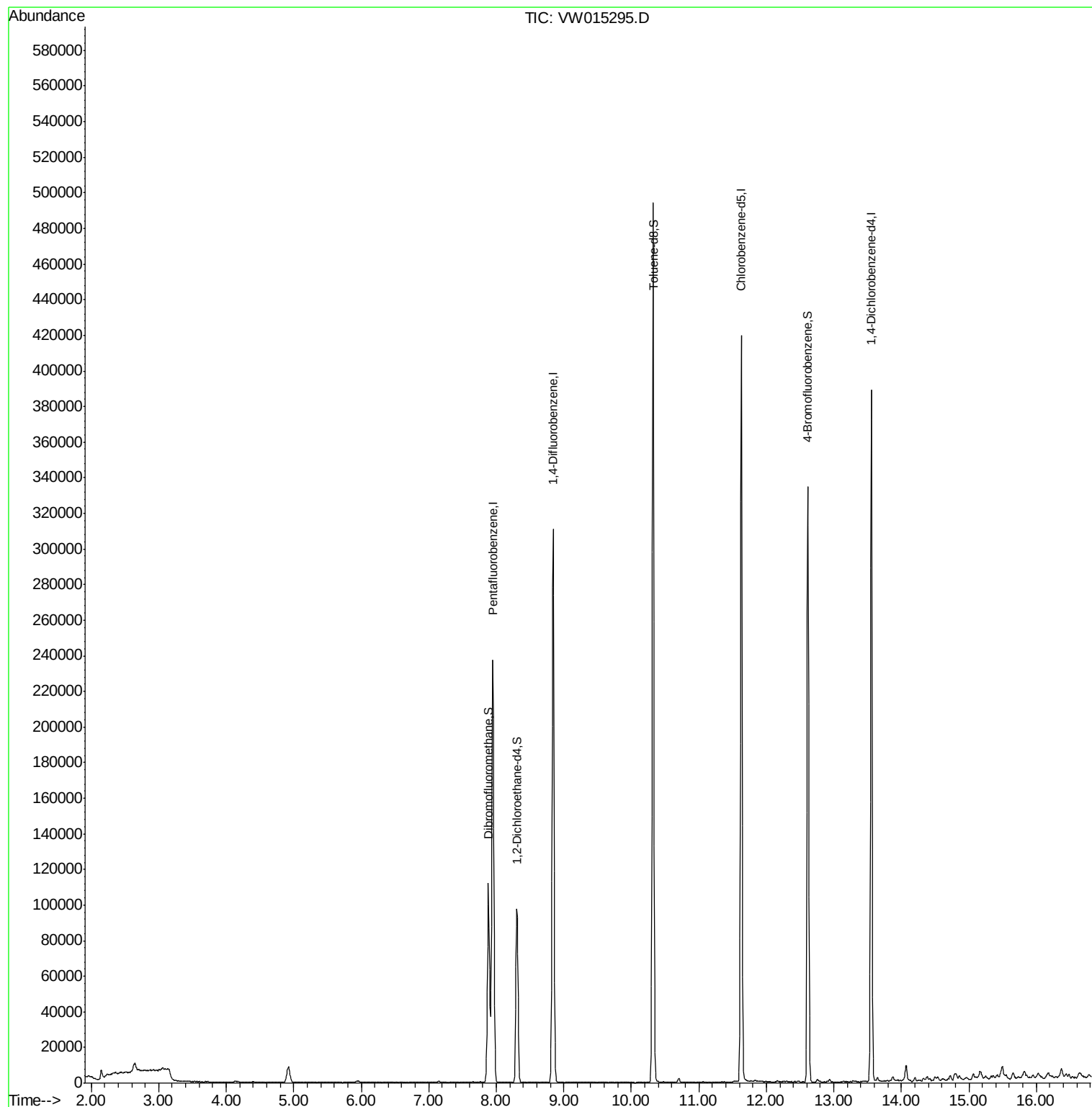
Target Compounds	Qvalue
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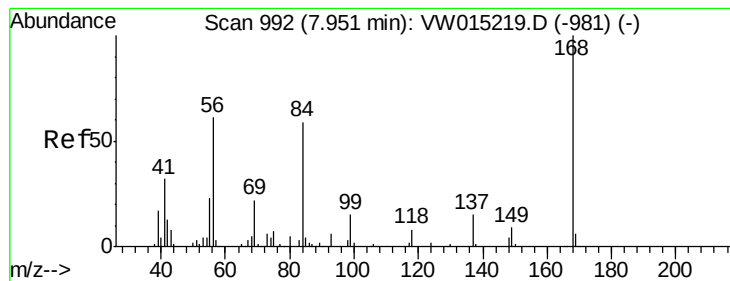
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW015295.D

Acq: 22 Apr 2020 06:05

Instrument :

MSVOA_W

ClientSampleId :

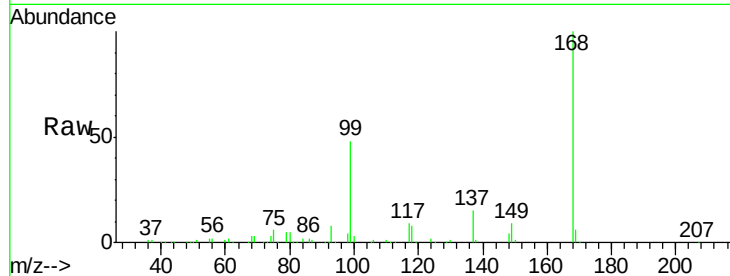
VNJ-240

Tot Ion:168 Resp: 202182

Ion Ratio Lower Upper

168 100

99 48.0 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

80000

60000

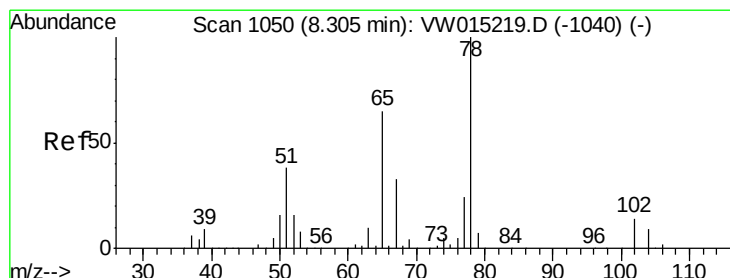
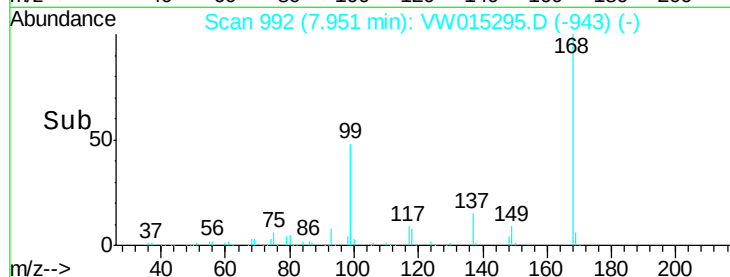
40000

20000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.351 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015295.D

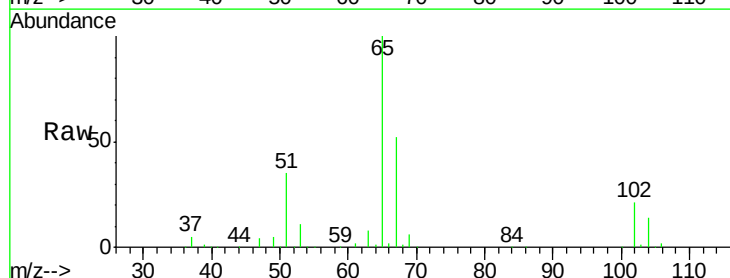
Acq: 22 Apr 2020 06:05

Tgt Ion: 65 Resp: 78288

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

40000

30000

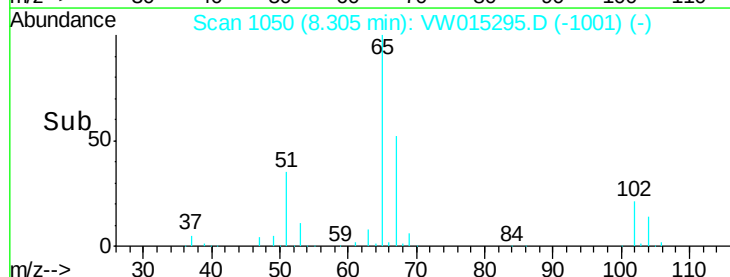
20000

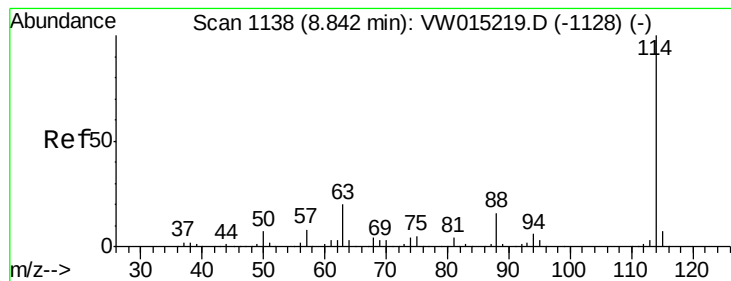
10000

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: VW015295.D

Acq: 22 Apr 2020 06:05

Instrument :

MSVOA_W

ClientSampleId :

VNJ-240

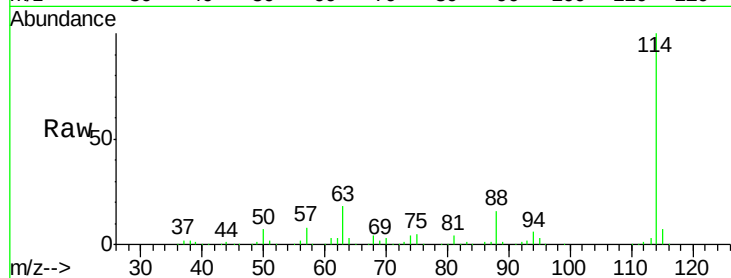
Tot Ion:114 Resp: 275104

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.8

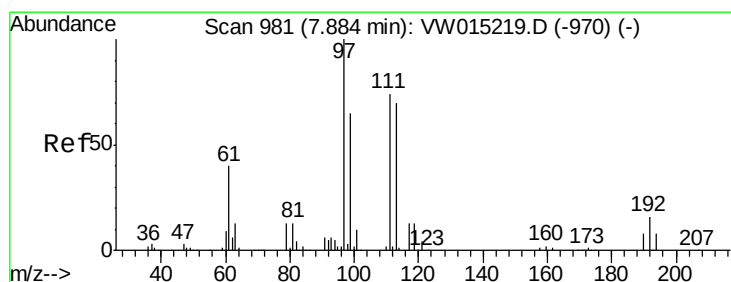
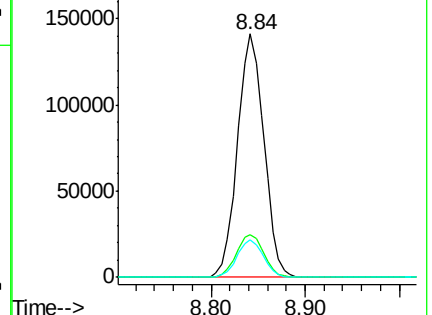
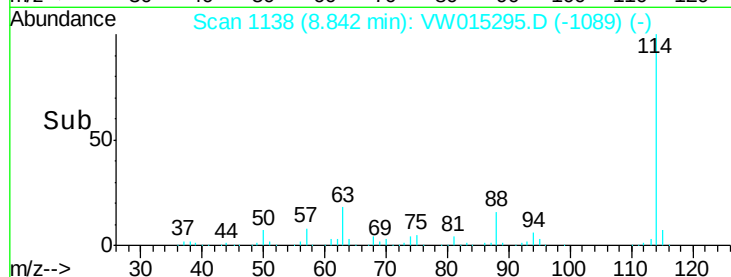
88 15.5 0.0 30.2



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: 50.756 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015295.D

Acq: 22 Apr 2020 06:05

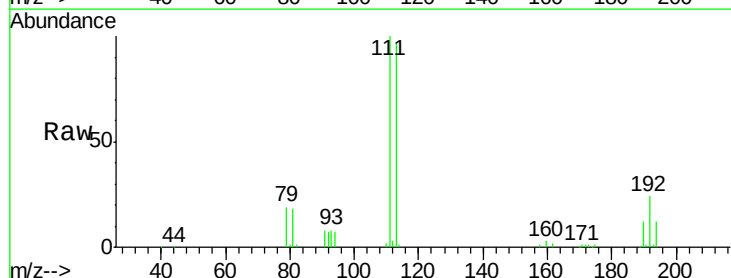
Tgt Ion:113 Resp: 77344

Ion Ratio Lower Upper

113 100

111 102.3 83.0 124.4

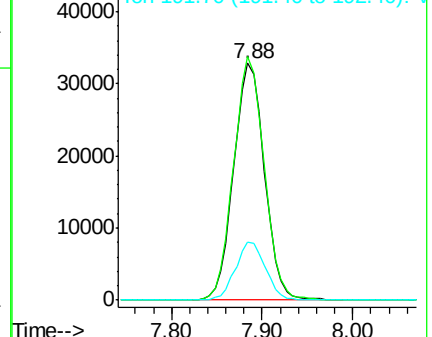
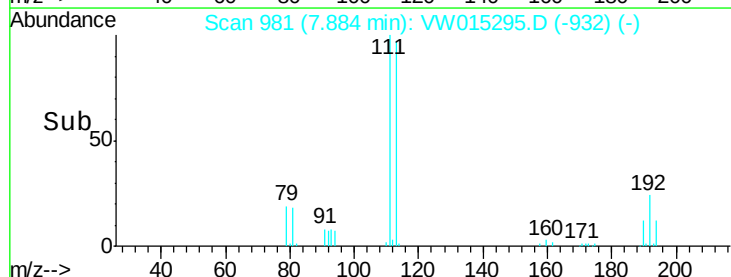
192 23.8 15.1 22.7#

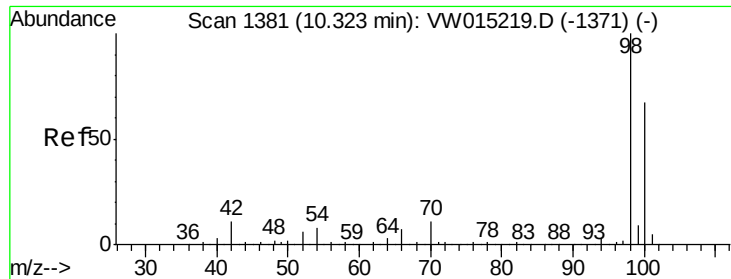


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

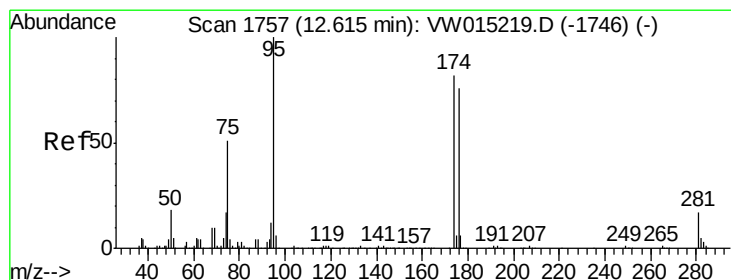
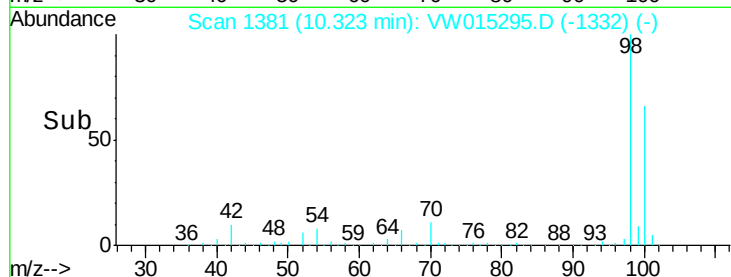
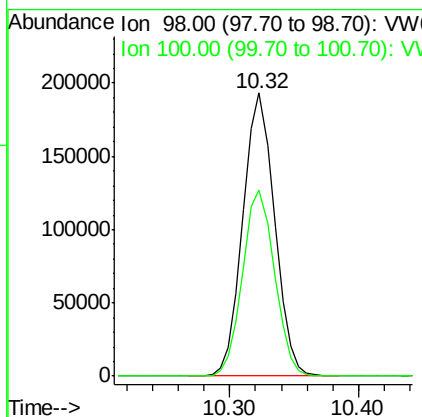
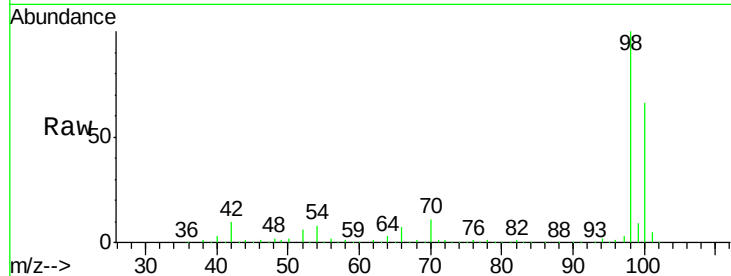




#50
Toluene-d8
Concen: 51.316 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015295.D
Acq: 22 Apr 2020 06:05

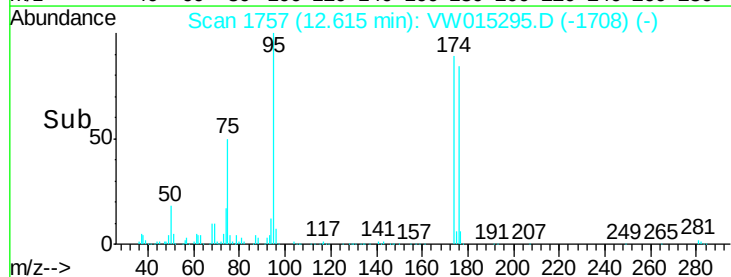
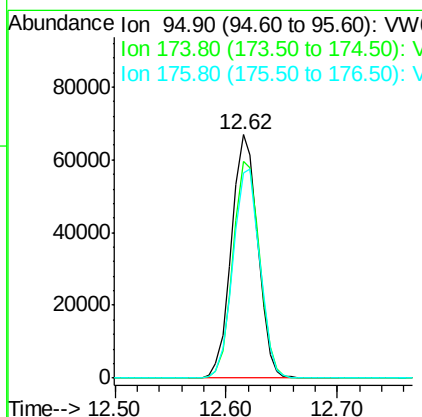
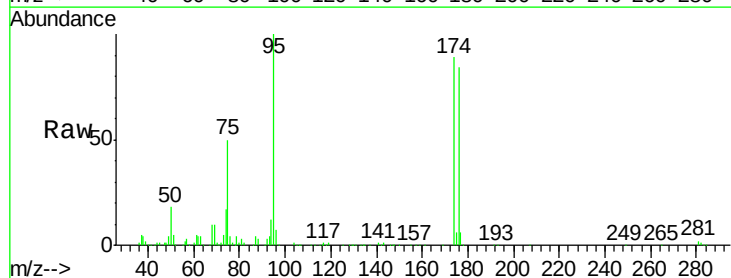
Instrument :
MSVOA_W
ClientSampleId :
VNJ-240

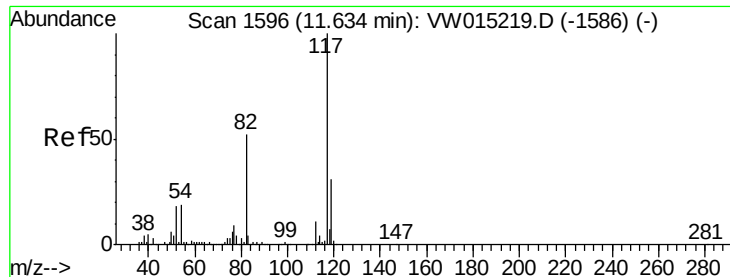
Tot Ion: 98 Resp: 328958
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.817 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW015295.D
Acq: 22 Apr 2020 06:05

Tgt Ion: 95 Resp: 109617
Ion Ratio Lower Upper
95 100
174 90.3 0.0 144.4
176 87.3 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW015295.D

Acq: 22 Apr 2020 06:05

Instrument :

MSVOA_W

ClientSampleId :

VNJ-240

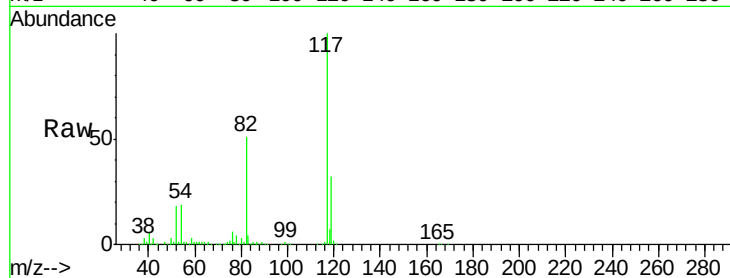
Tot Ion:117 Resp: 247969

Ion Ratio Lower Upper

117 100

82 51.0 44.1 66.1

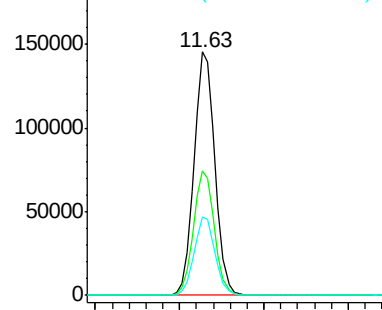
119 32.2 24.9 37.3



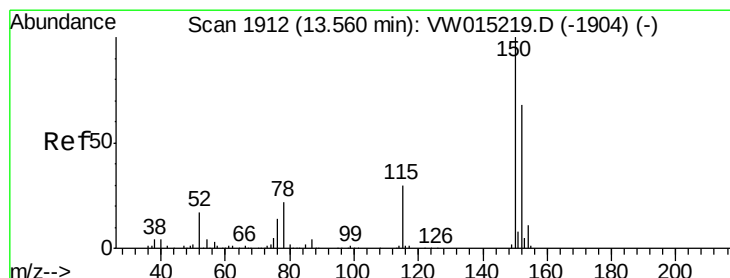
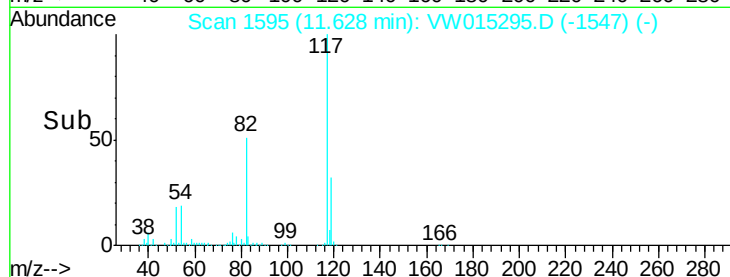
Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



Time--> 11.50 11.60 11.70 11.80



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015295.D

Acq: 22 Apr 2020 06:05

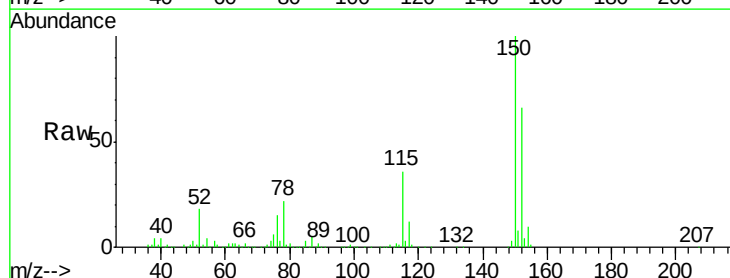
Tgt Ion:152 Resp: 109708

Ion Ratio Lower Upper

152 100

115 55.5 31.3 93.9

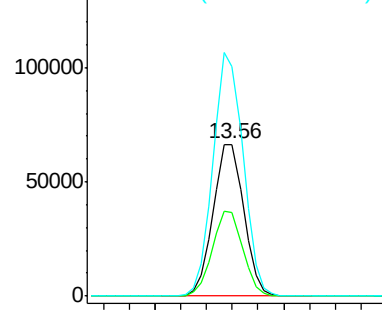
150 157.4 0.0 343.4



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



Time--> 13.50 13.60

