

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015343.D
 Acq On : 24 Apr 2020 15:11
 Operator : SY/VA
 Sample : L2409-04
 Misc : 7.16G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VNJ-218

Quant Time: Apr 25 07:21:13 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	213739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	295764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	266034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	122555	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	84925	48.59	ug/l	0.00
Spiked Amount			Recovery	=	97.18%	
35) Dibromofluoromethane	7.88	113	84824	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
50) Toluene-d8	10.32	98	356630	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.62	95	120270	45.74	ug/l	0.00
Spiked Amount			Recovery	=	91.48%	

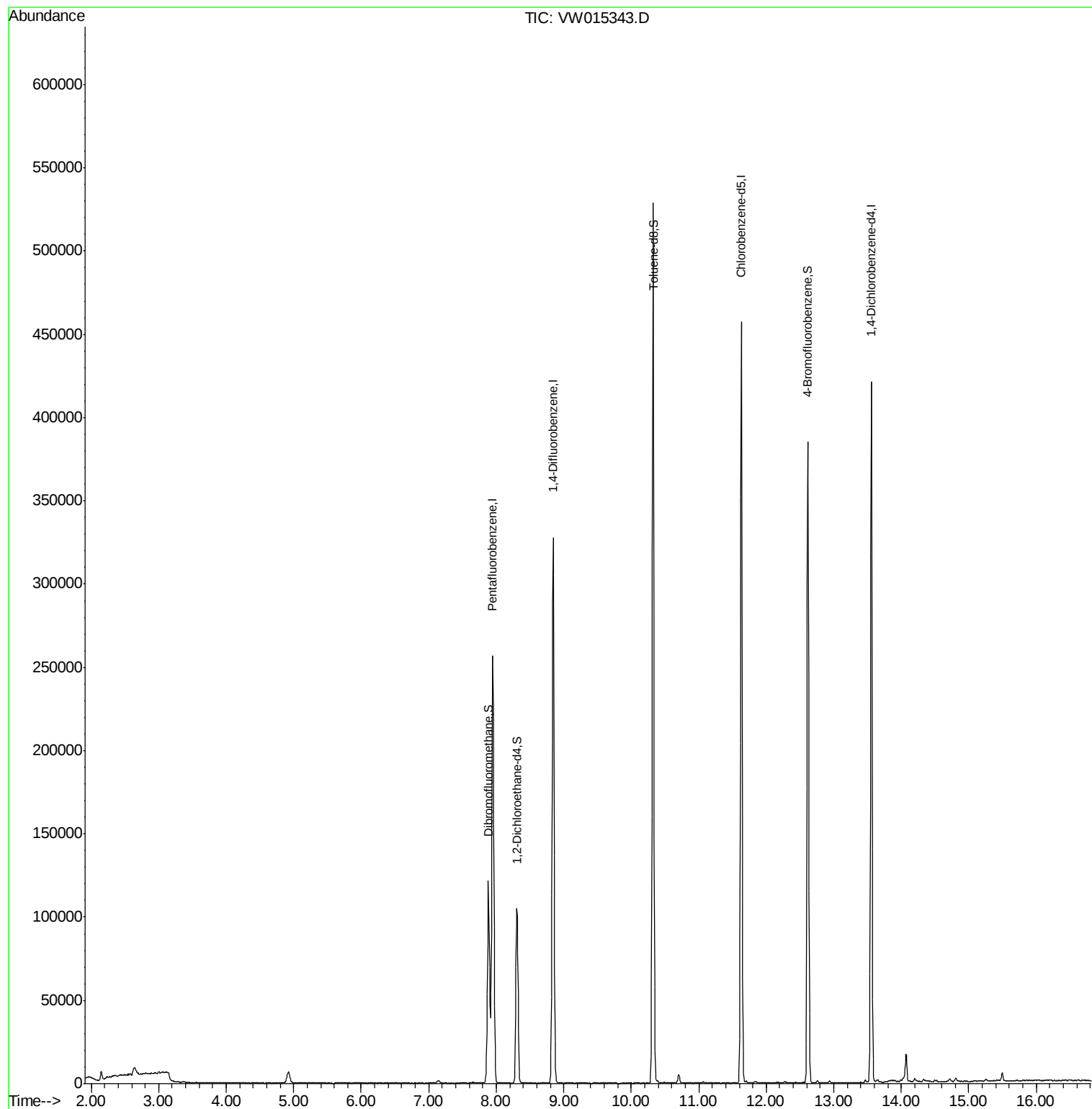
Target Compounds	Qvalue
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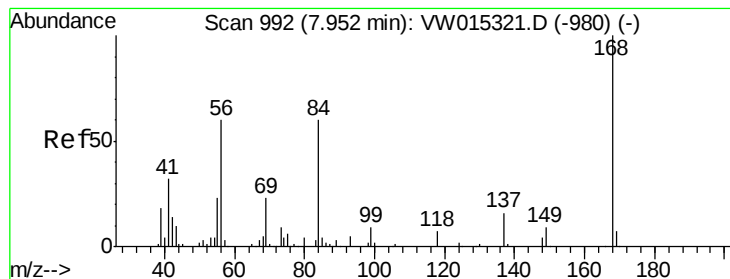
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015343.D

Acq: 24 Apr 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

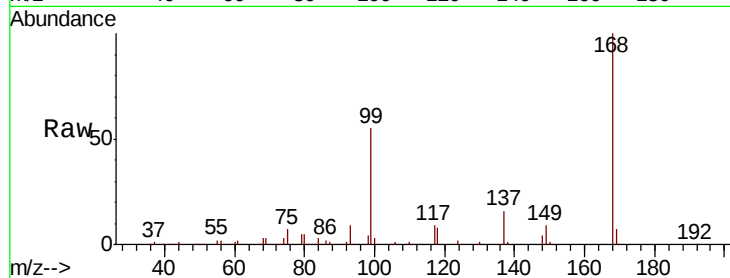
VNJ-218

Tot Ion:168 Resp: 213739

Ion Ratio Lower Upper

168 100

99 54.7 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

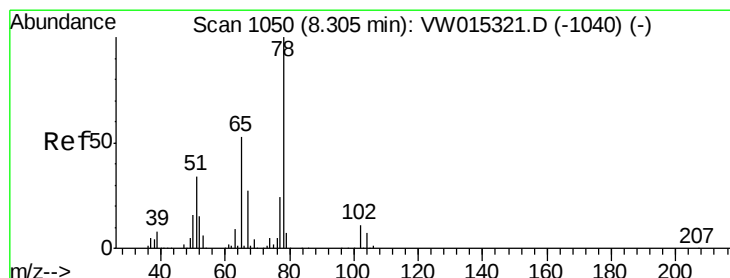
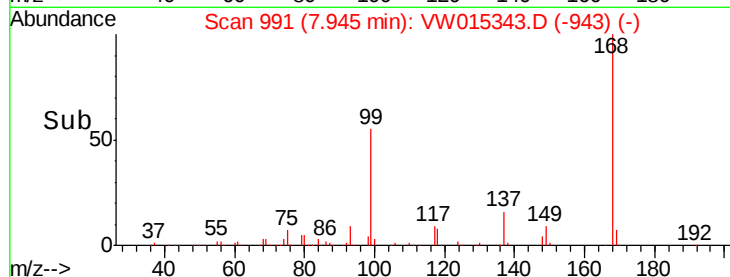
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.588 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW015343.D

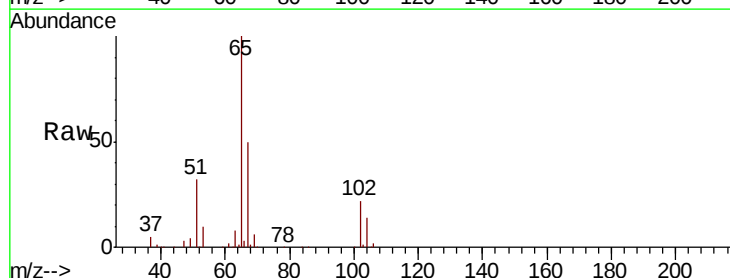
Acq: 24 Apr 2020 15:11

Tgt Ion: 65 Resp: 84925

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

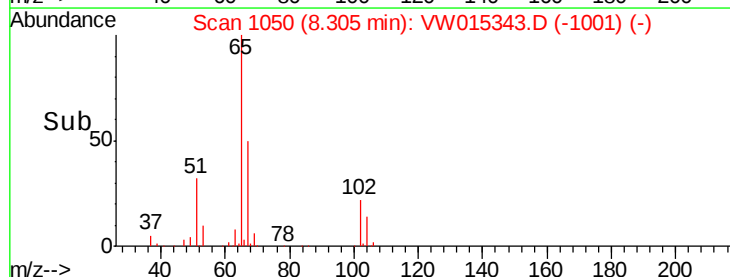
30000

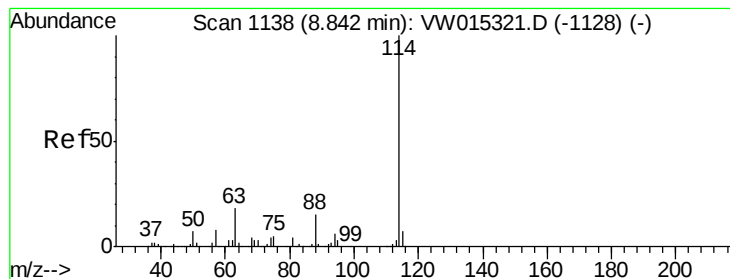
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW015343.D

Acq: 24 Apr 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

VNJ-218

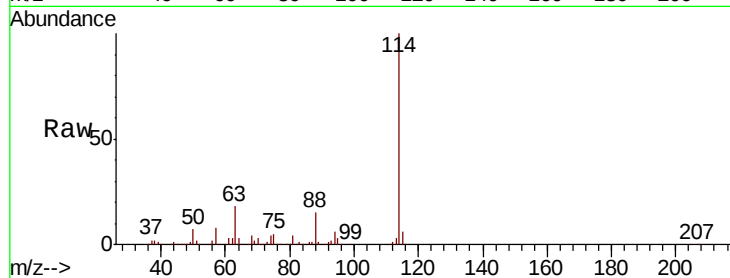
Tot Ion:114 Resp: 295764

Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.8

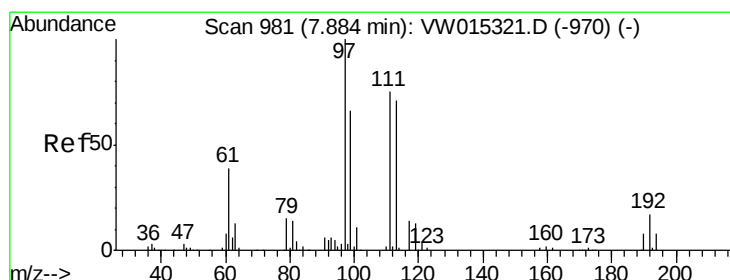
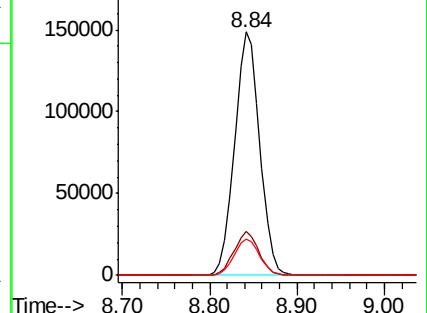
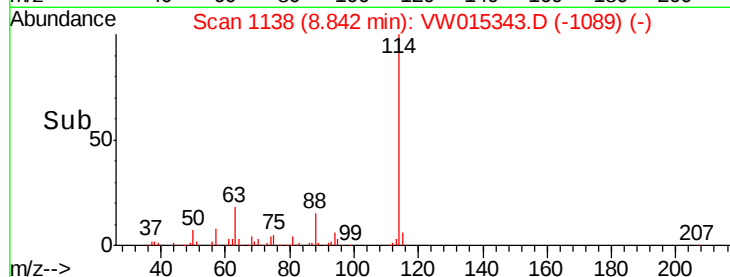
88 15.1 0.0 30.2



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: 51.776 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015343.D

Acq: 24 Apr 2020 15:11

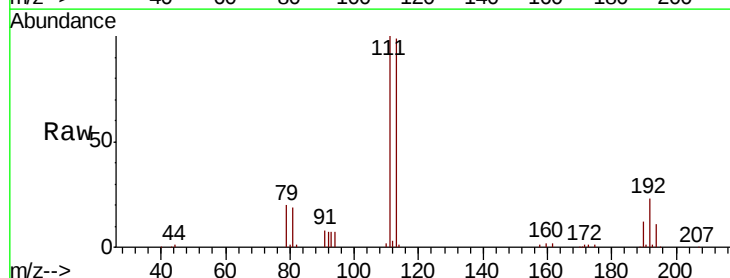
Tgt Ion:113 Resp: 84824

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

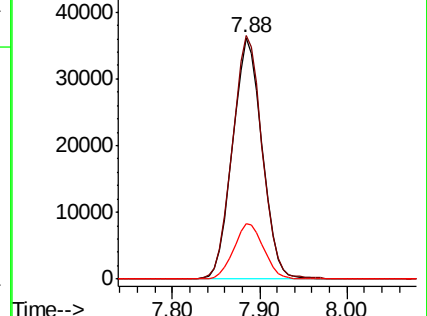
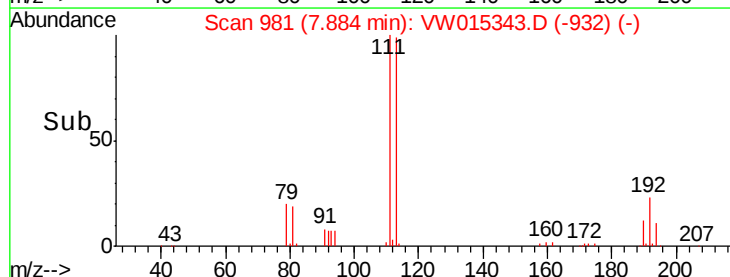
192 23.3 15.1 22.7#

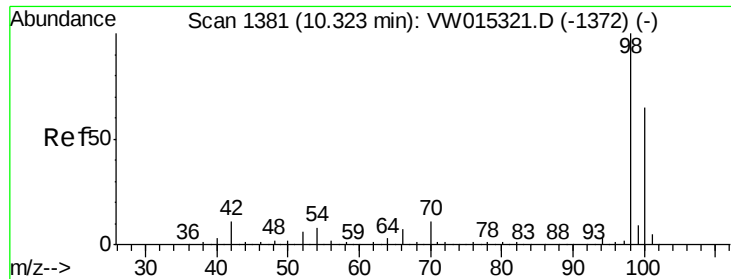


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.747 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015343.D

Acq: 24 Apr 2020 15:11

Instrument :

MSVOA_W

ClientSampleId :

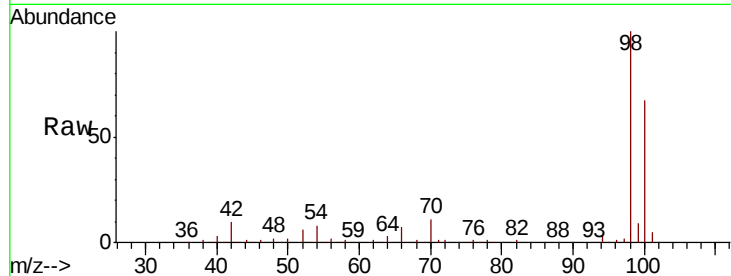
VNJ-218

Tot Ion: 98 Resp: 356630

Ion Ratio Lower Upper

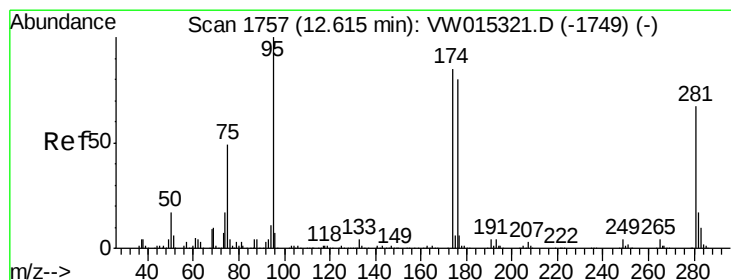
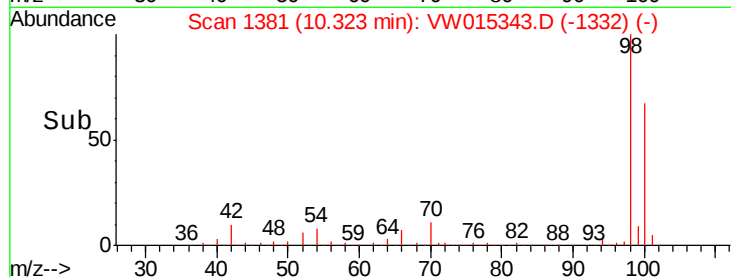
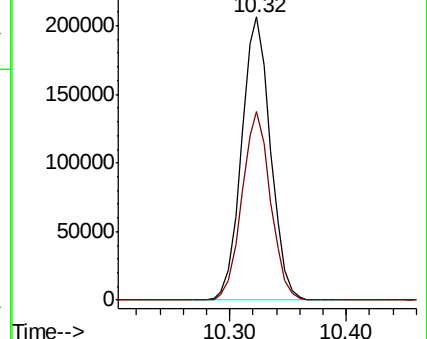
98 100

100 65.8 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: 45.738 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015343.D

Acq: 24 Apr 2020 15:11

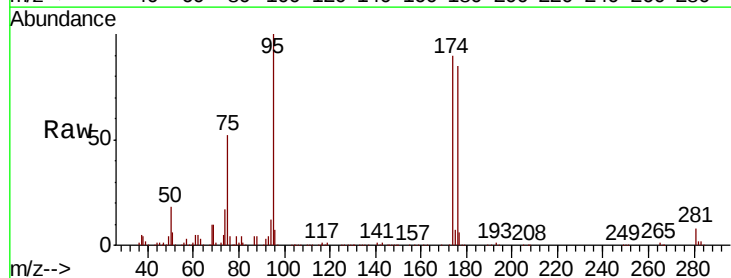
Tgt Ion: 95 Resp: 120270

Ion Ratio Lower Upper

95 100

174 91.6 0.0 144.4

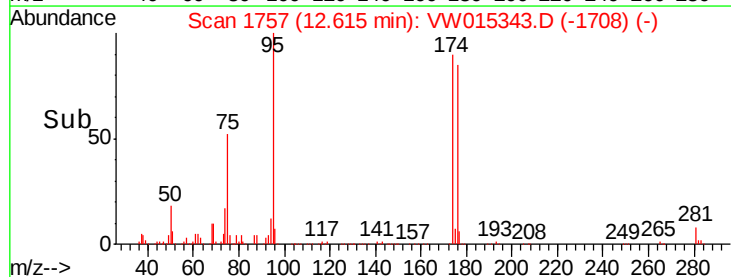
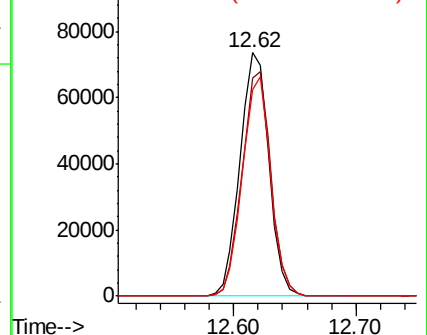
176 88.6 0.0 140.6

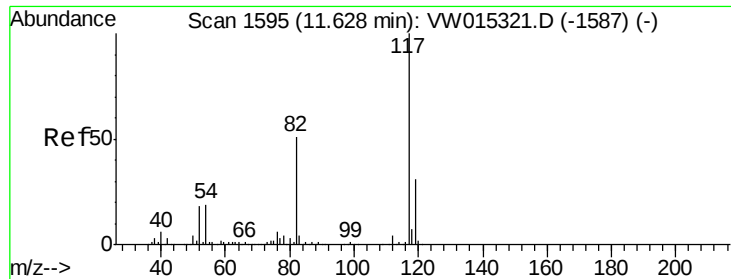


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

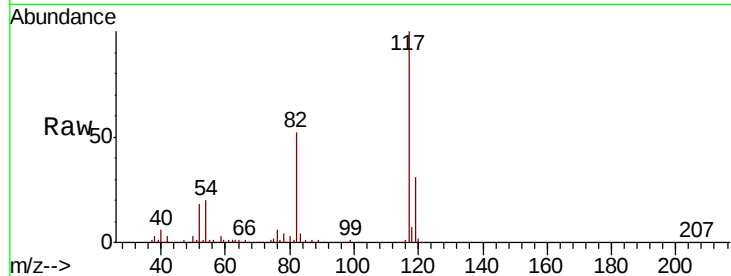




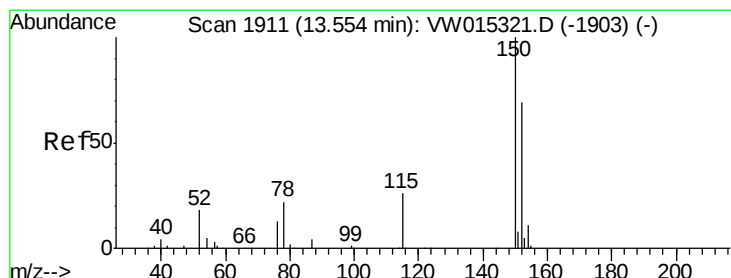
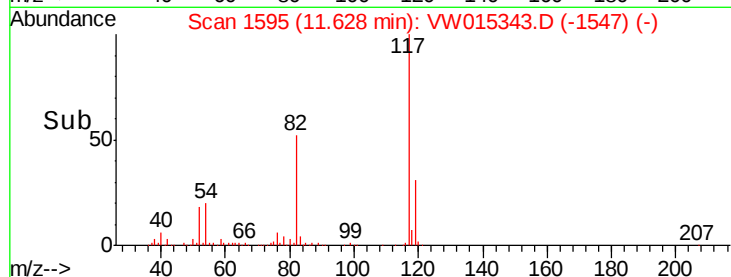
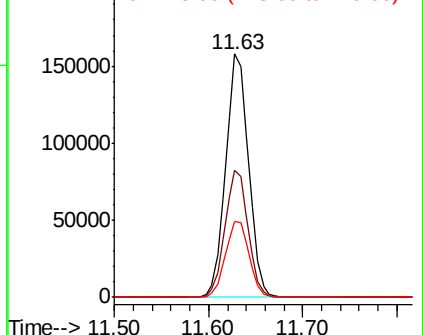
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015343.D
Acq: 24 Apr 2020 15:11

Instrument :
MSVOA_W
ClientSampleId :
VNJ-218

Tot Ion:117 Resp: 266034
Ion Ratio Lower Upper
117 100
82 52.2 44.1 66.1
119 31.4 24.9 37.3

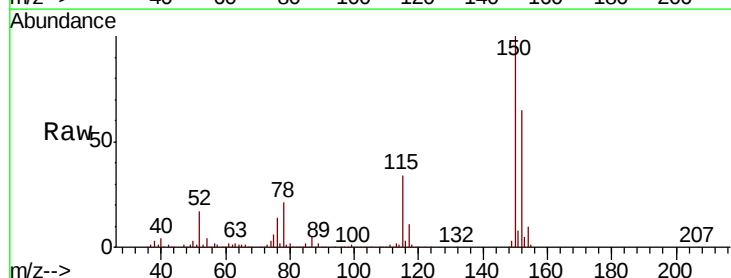


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015343.D
Acq: 24 Apr 2020 15:11

Tgt Ion:152 Resp: 122555
Ion Ratio Lower Upper
152 100
115 54.5 31.3 93.9
150 153.9 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

