

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019542.D
 Acq On : 23 Nov 2020 11:42
 Operator : JC/MD
 Sample : VX1123WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1123WBL01

Quant Time: Nov 24 03:52:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	326052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	529436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	451307	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193273	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	193150	45.69	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.38%
35) Dibromofluoromethane	5.46	113	155373	46.75	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.50%
50) Toluene-d8	8.69	98	618785	47.92	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.84%
62) 4-Bromofluorobenzene	11.12	95	211617	45.55	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.10%

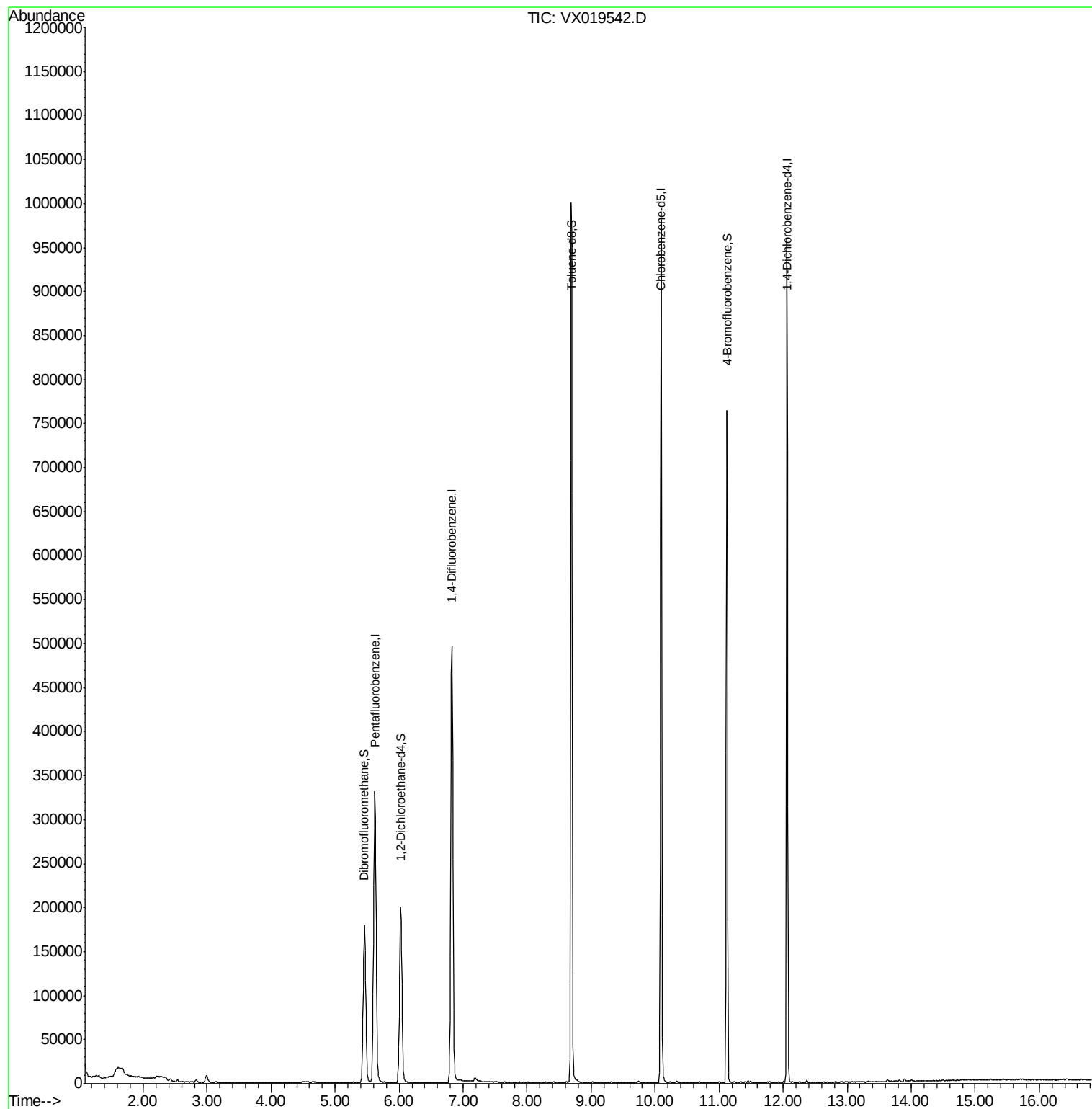
Target Compounds	Qvalue

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

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ClientSampled :
VX1123WBL01

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019542.D

Acq: 23 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

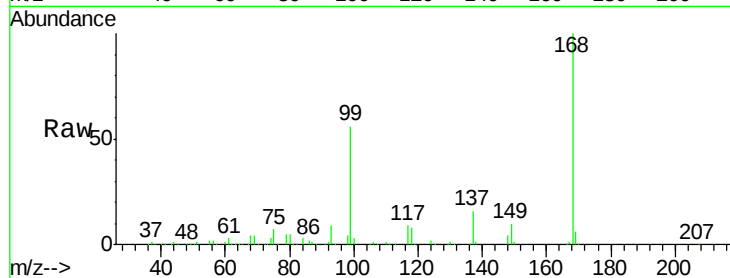
VX1123WBL01

Tot Ion:168 Resp: 326052

Ion Ratio Lower Upper

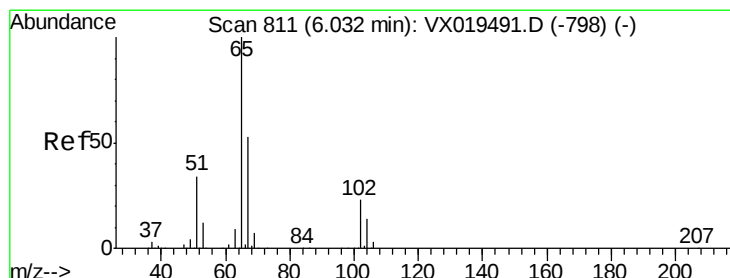
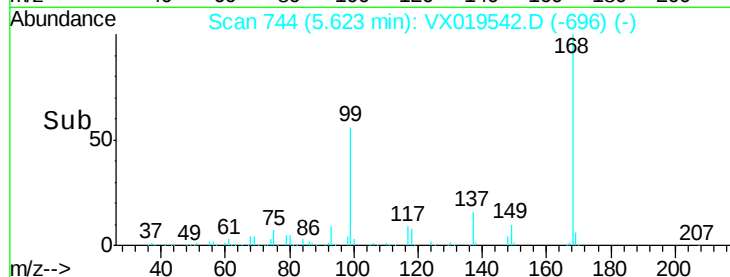
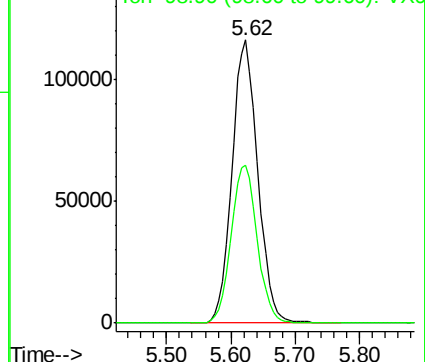
168 100

99 56.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 45.689 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019542.D

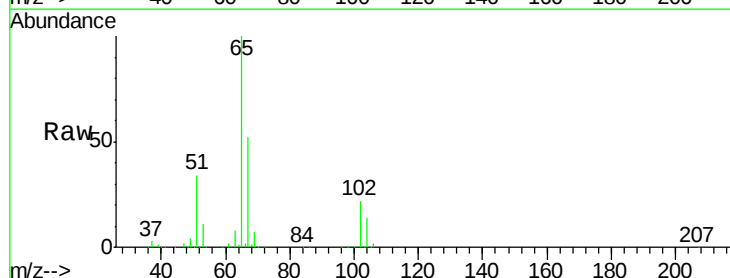
Acq: 23 Nov 2020 11:42

Tgt Ion: 65 Resp: 193150

Ion Ratio Lower Upper

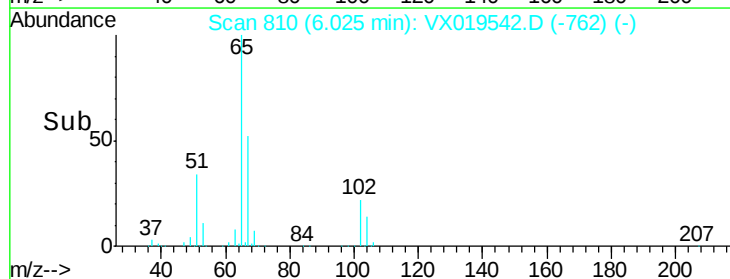
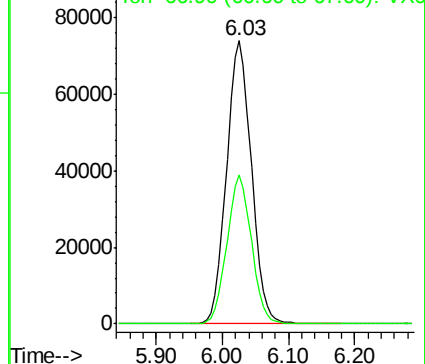
65 100

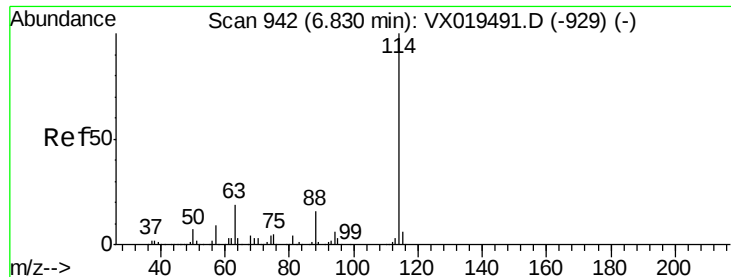
67 51.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019542.D

Acq: 23 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBL01

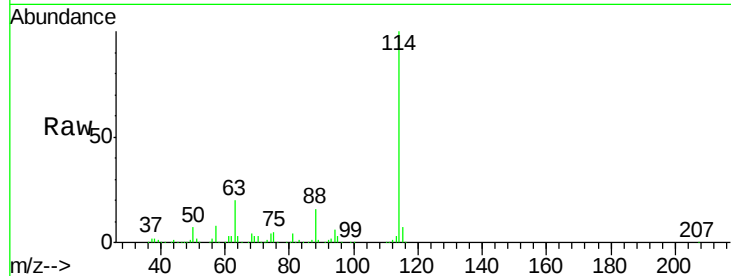
Tot Ion:114 Resp: 529436

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

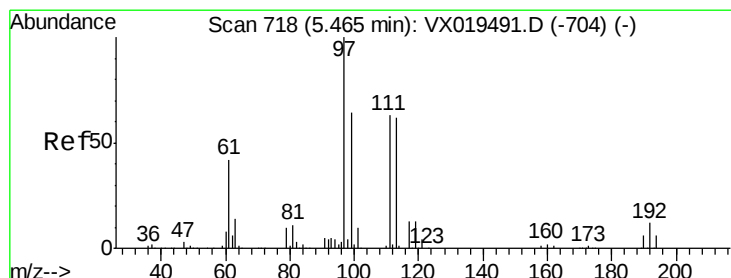
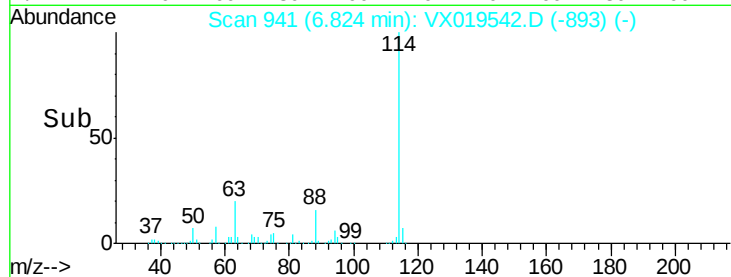
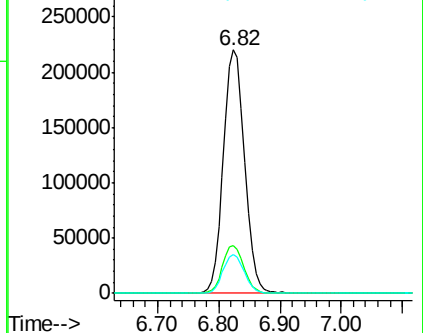
88 15.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.753 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019542.D

Acq: 23 Nov 2020 11:42

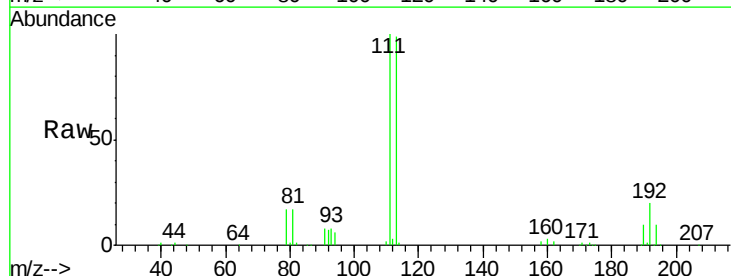
Tgt Ion:113 Resp: 155373

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

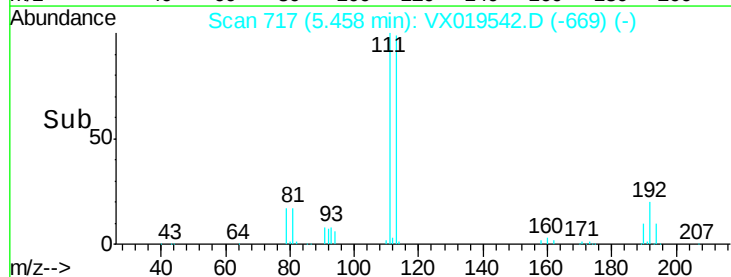
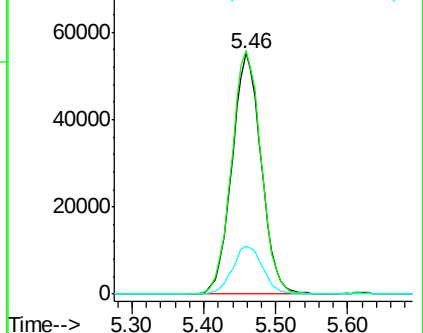
192 20.4 16.2 24.2

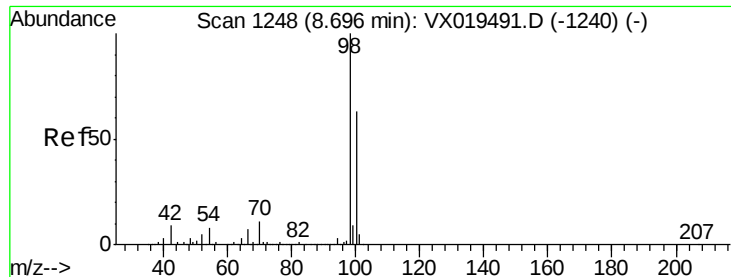


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.916 ug/l

RT: 8.69 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VX019542.D

Acq: 23 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

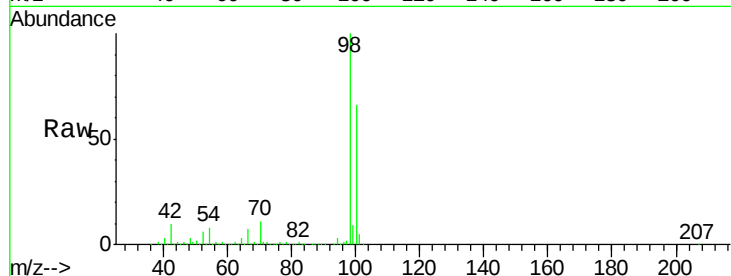
VX1123WBL01

Tot Ion: 98 Resp: 618785

Ion Ratio Lower Upper

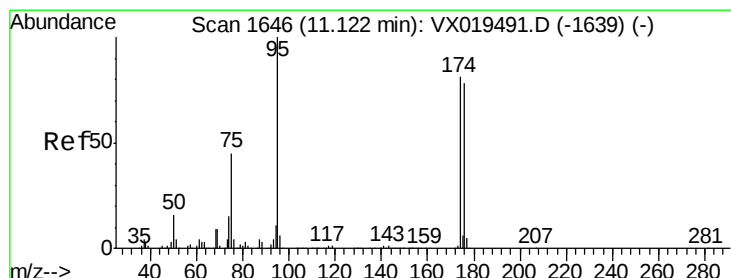
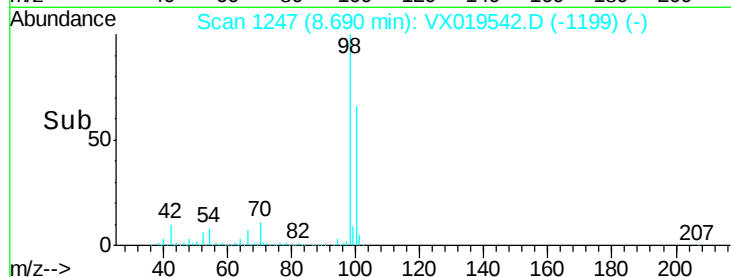
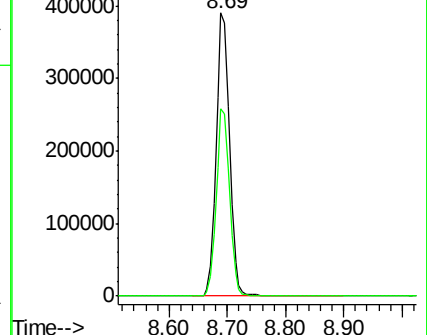
98 100

100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.546 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019542.D

Acq: 23 Nov 2020 11:42

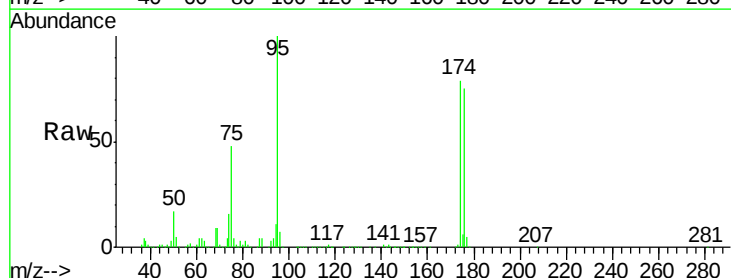
Tgt Ion: 95 Resp: 211617

Ion Ratio Lower Upper

95 100

174 77.3 0.0 156.2

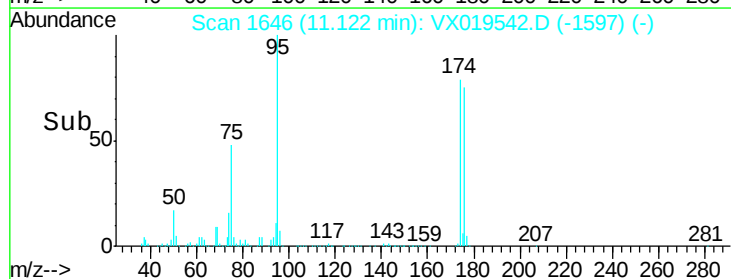
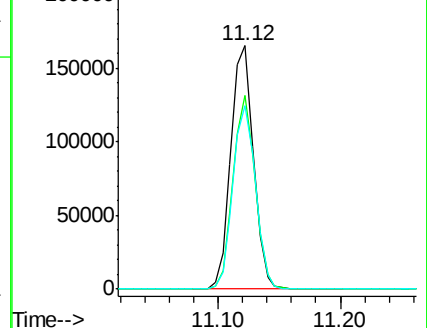
176 75.3 0.0 151.4

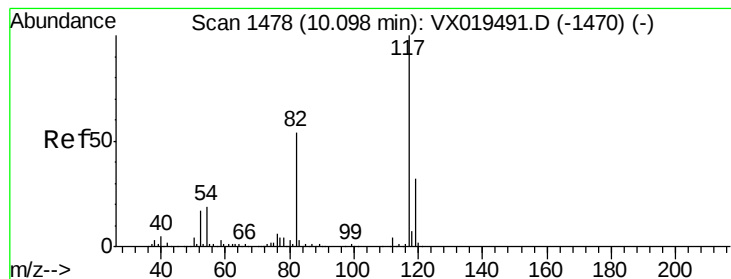


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.09 min Scan# 1477

Delta R.T. -0.01 min

Lab File: VX019542.D

Acq: 23 Nov 2020 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX1123WBL01

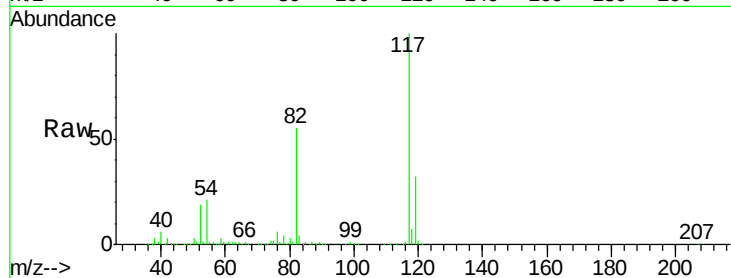
Tot Ion:117 Resp: 451307

Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.4

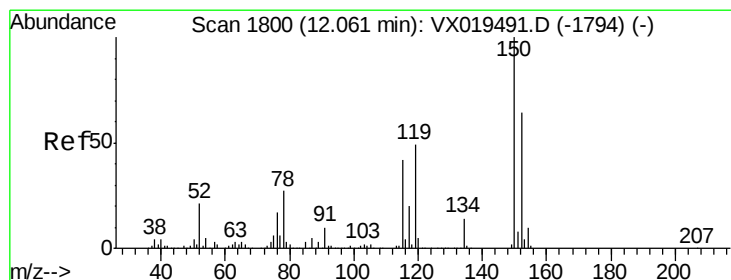
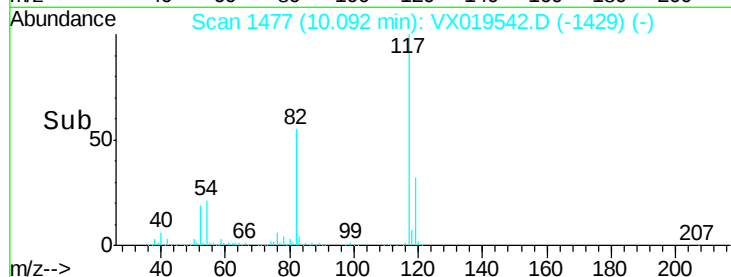
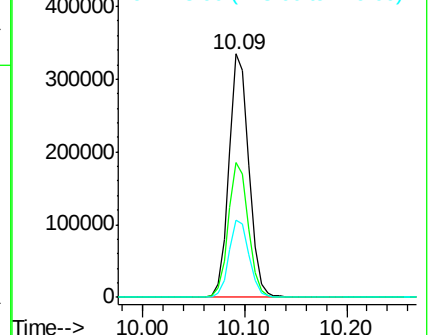
119 31.6 25.6 38.4



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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019542.D

Acq: 23 Nov 2020 11:42

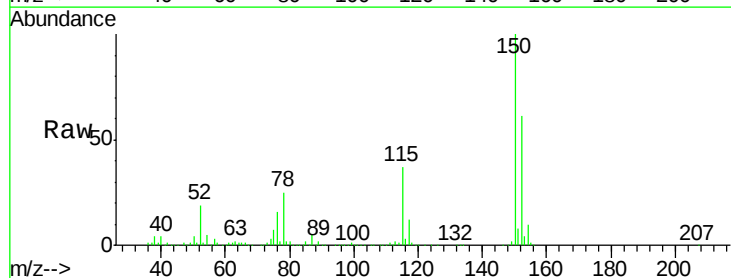
Tgt Ion:152 Resp: 193273

Ion Ratio Lower Upper

152 100

115 60.6 41.8 125.4

150 159.8 0.0 348.2



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

