

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011268.D
 Acq On : 01 Aug 2019 18:57
 Operator : JC/SP
 Sample : VX0801WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBL01

Quant Time: Aug 02 02:20:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	132317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	208493	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	193879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90016	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	68638	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.49	113	66081	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	8.71	98	248842	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.13	95	84635	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

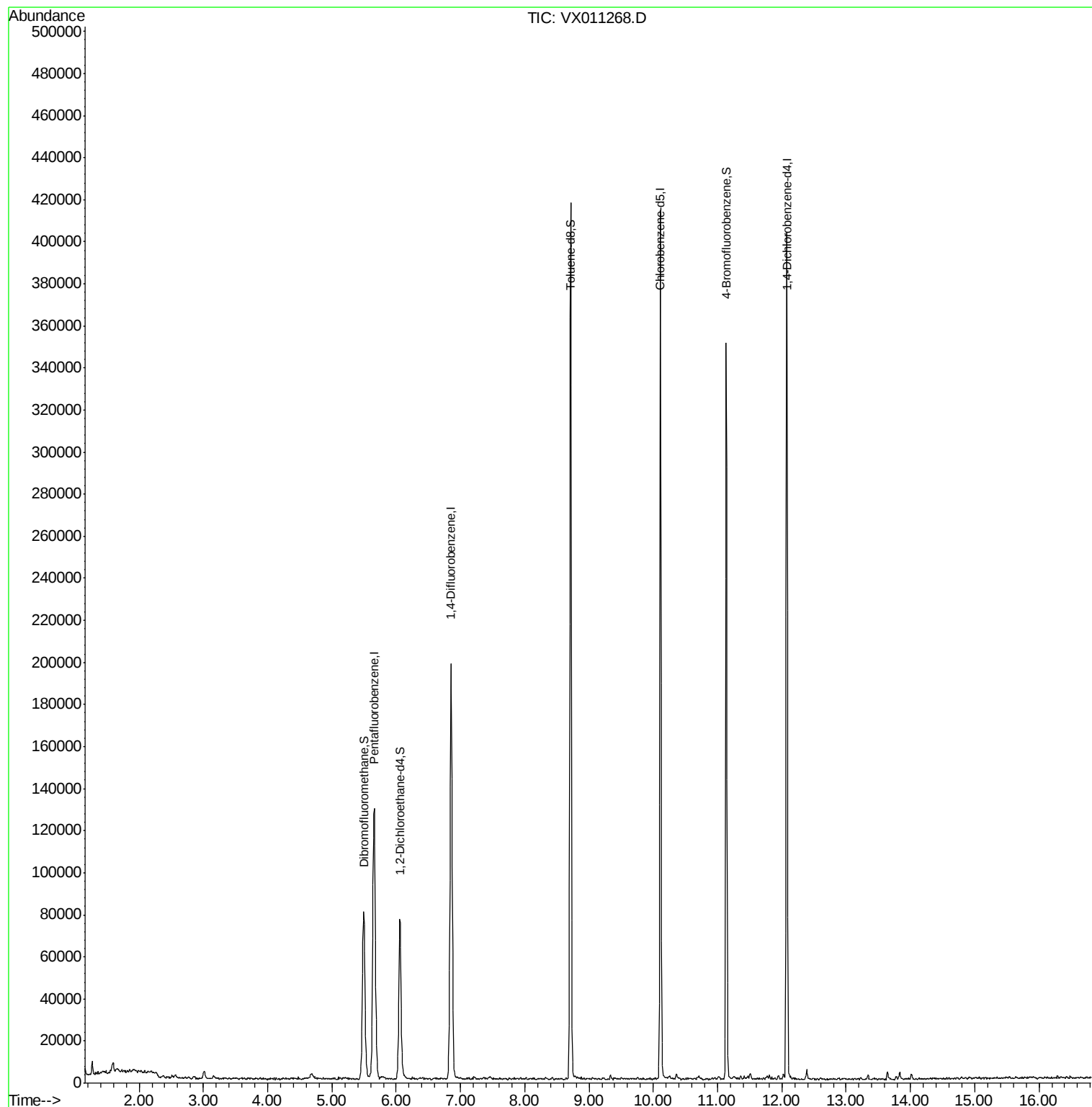
Target Compounds	Qvalue
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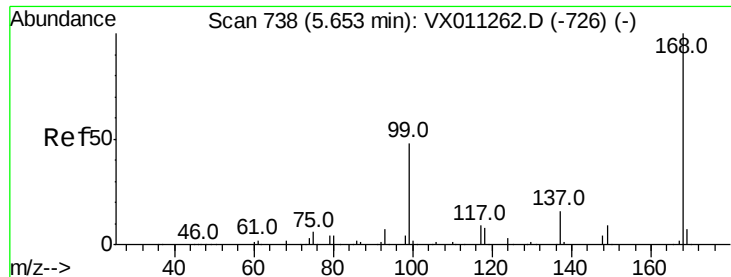
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampled :

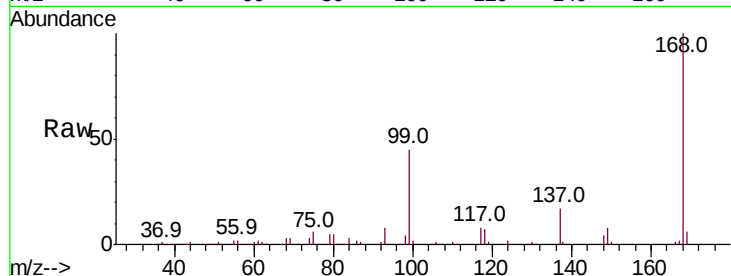
VX0801WBL01

Tot Ion:168 Resp: 132317

Ion Ratio Lower Upper

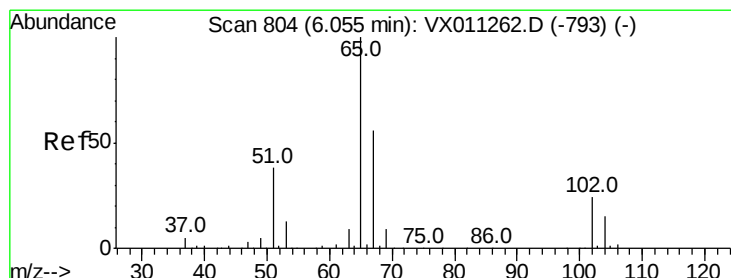
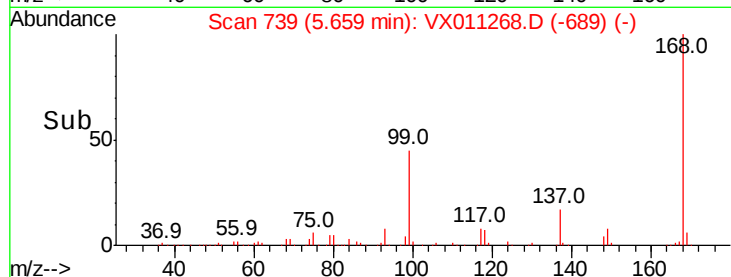
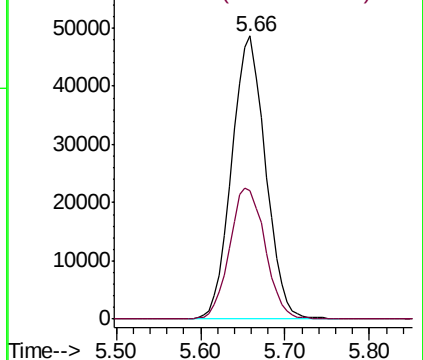
168 100

99 45.0 38.5 57.7



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: 51.511 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011268.D

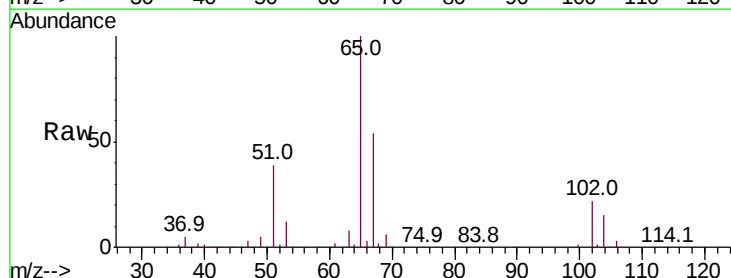
Acq: 01 Aug 2019 18:57

Tgt Ion: 65 Resp: 68638

Ion Ratio Lower Upper

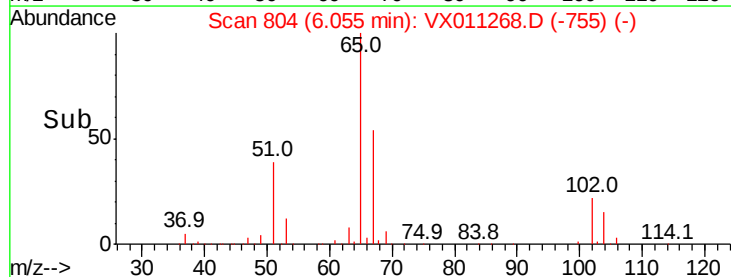
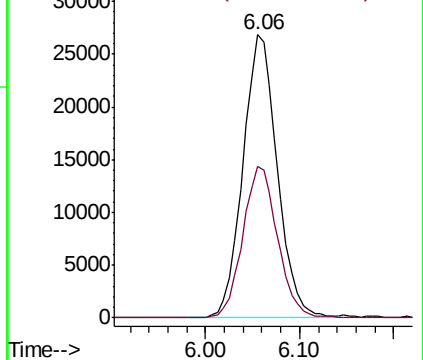
65 100

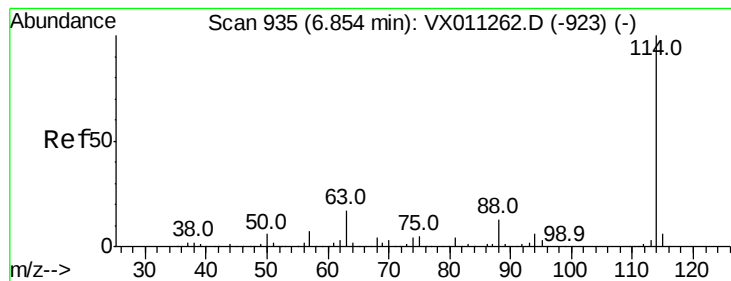
67 54.2 0.0 110.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBL01

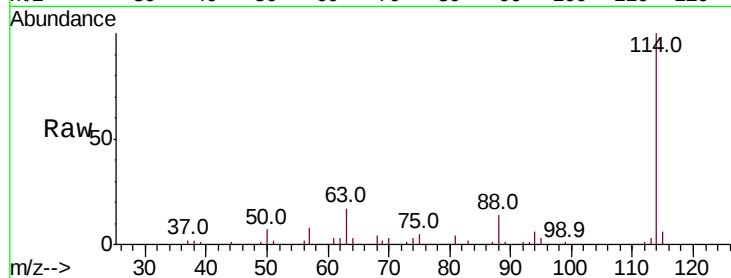
Tot Ion:114 Resp: 208493

Ion Ratio Lower Upper

114 100

63 17.0 0.0 34.0

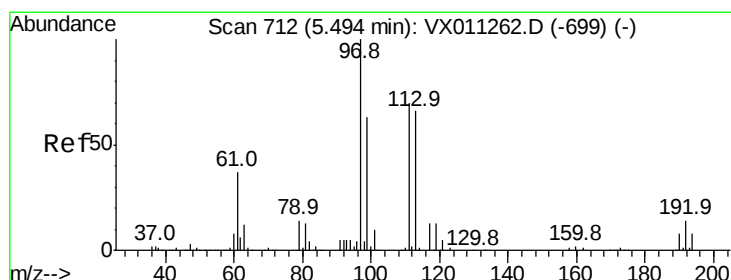
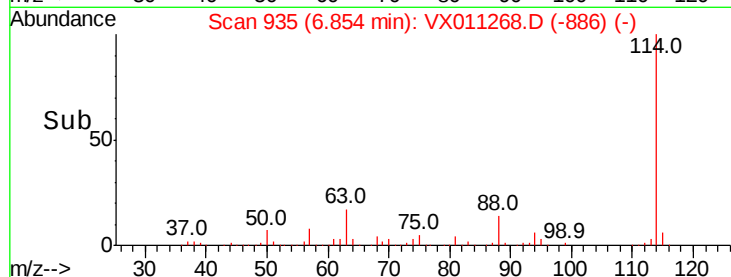
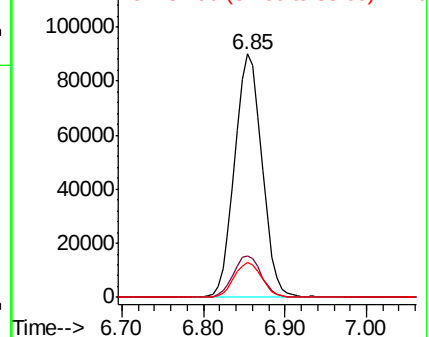
88 14.2 0.0 26.4



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: 48.546 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

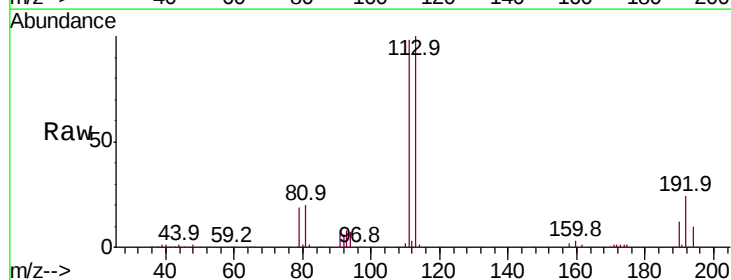
Tgt Ion:113 Resp: 66081

Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

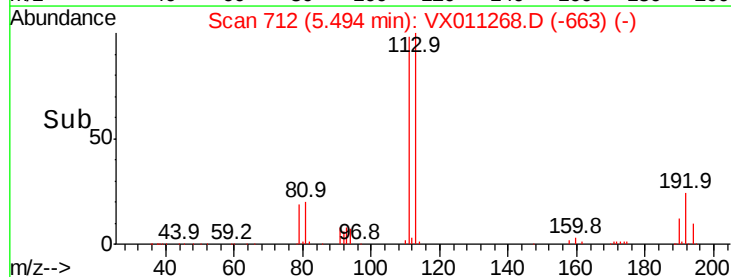
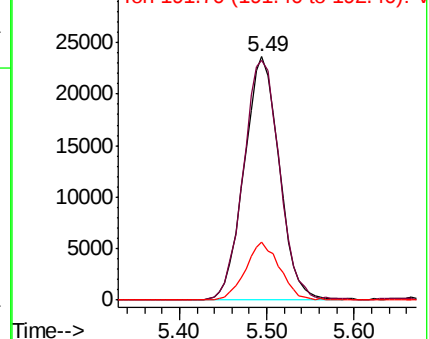
192 23.2 17.8 26.8

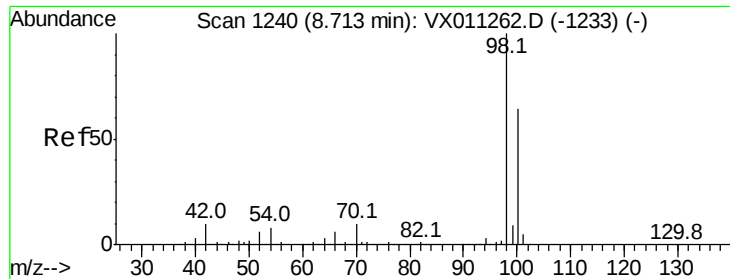


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.430 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

Instrument :

MSVOA_X

ClientSampleId :

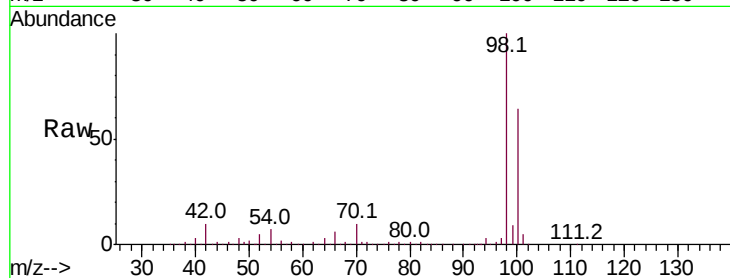
VX0801WBL01

Tot Ion: 98 Resp: 248842

Ion Ratio Lower Upper

98 100

100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

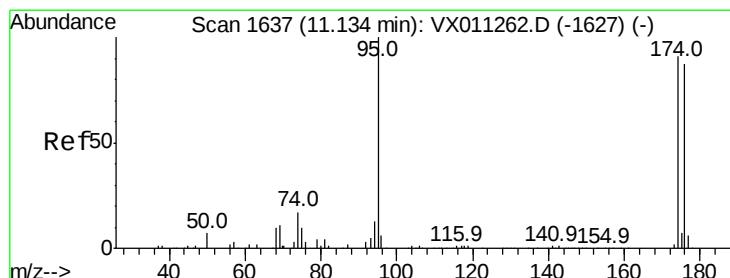
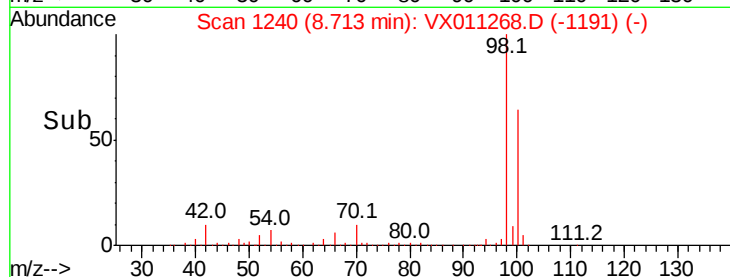
150000

100000

50000

0

Time--> 8.60 8.70 8.80



#62

4-Bromofluorobenzene

Concen: 46.136 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011268.D

Acq: 01 Aug 2019 18:57

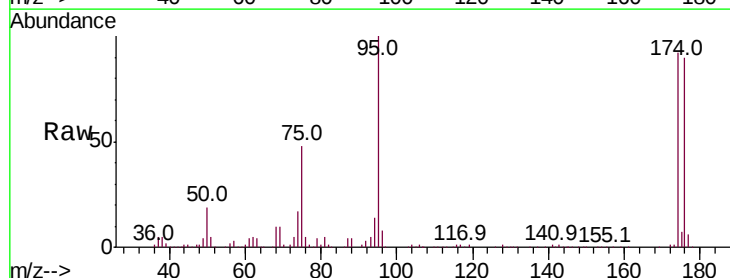
Tgt Ion: 95 Resp: 84635

Ion Ratio Lower Upper

95 100

174 94.0 0.0 191.2

176 91.7 0.0 184.8



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

11.13

80000

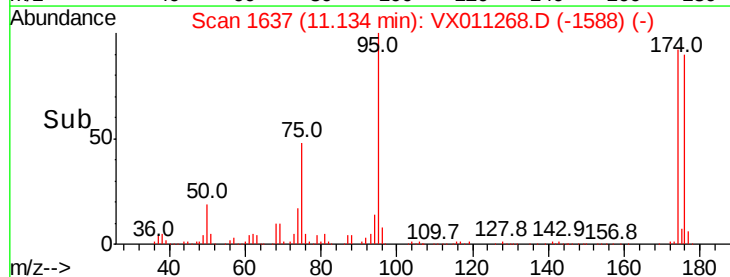
60000

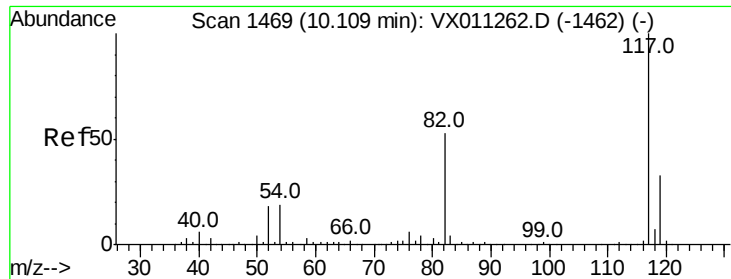
40000

20000

0

Time--> 11.10 11.20

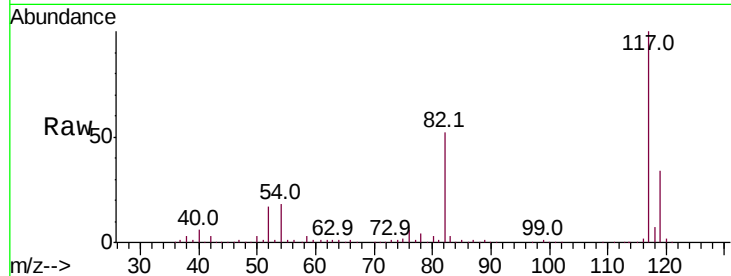




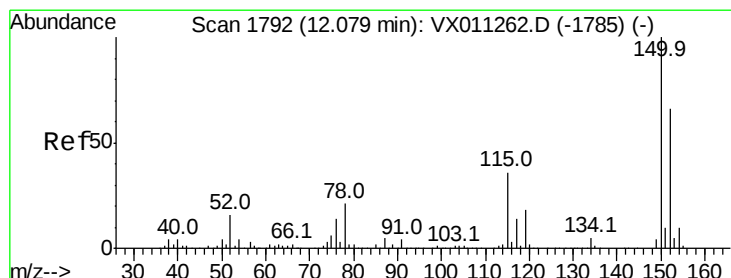
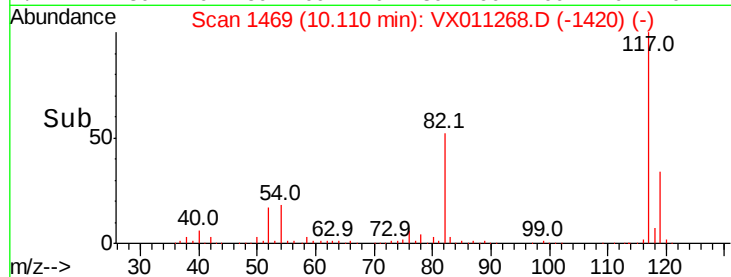
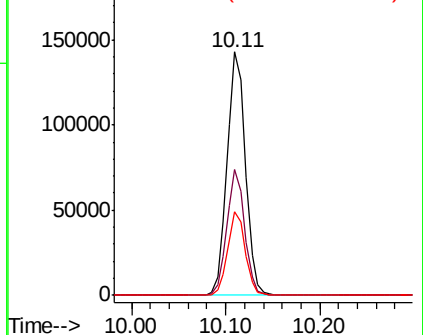
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBL01

Tot Ion:117 Resp: 193879
Ion Ratio Lower Upper
117 100
82 51.8 42.2 63.2
119 34.1 26.6 39.8

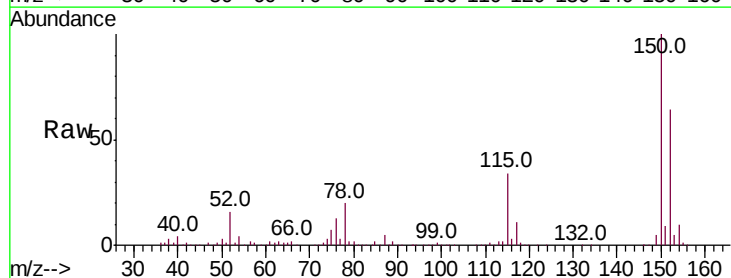


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX011268.D
Acq: 01 Aug 2019 18:57

Tgt Ion:152 Resp: 90016
Ion Ratio Lower Upper
152 100
115 53.4 40.0 119.9
150 156.2 0.0 350.4



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

