

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018239.D
 Acq On : 03 Sep 2020 16:52
 Operator : JC/SP
 Sample : L3903-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ122D-20200902

Quant Time: Sep 04 02:46:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

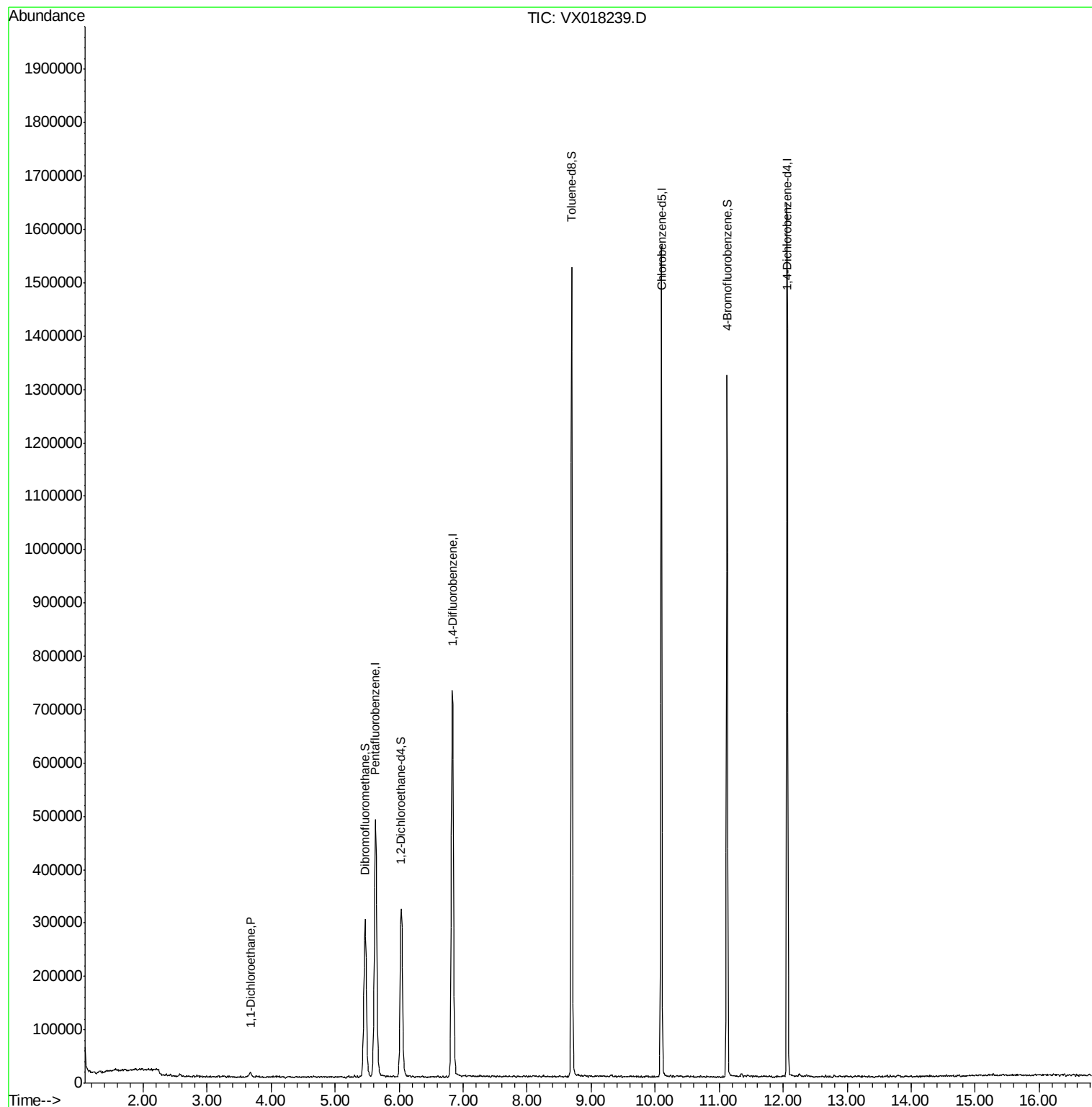
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	427790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	714462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	675100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	331173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	324798	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
35) Dibromofluoromethane	5.47	113	254772	52.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.72%	
50) Toluene-d8	8.70	98	870243	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	11.12	95	322303	45.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.40%	
Target Compounds						
24) 1,1-Dichloroethane	3.67	63	9939	1.178	ug/l #	81

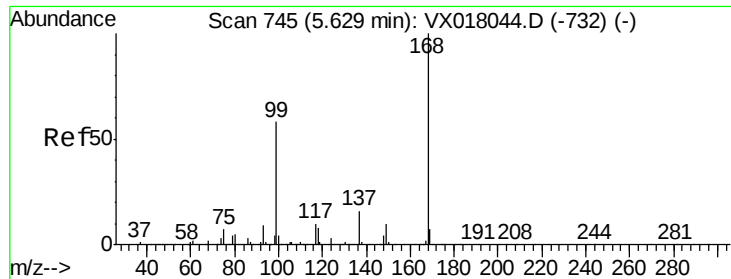
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018239.D

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Instrument :

MSVOA_X

ClientSampleId :

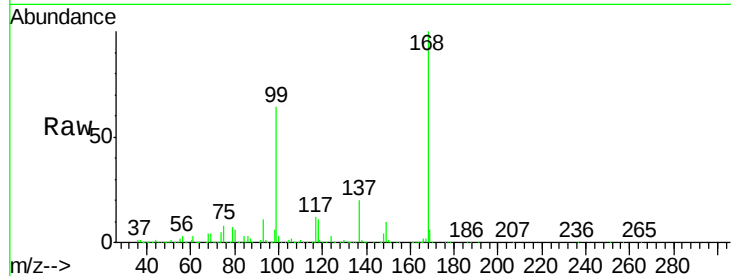
SA-PZ122D-20200902

Tot Ion:168 Resp: 427790

Ion Ratio Lower Upper

168 100

99 63.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

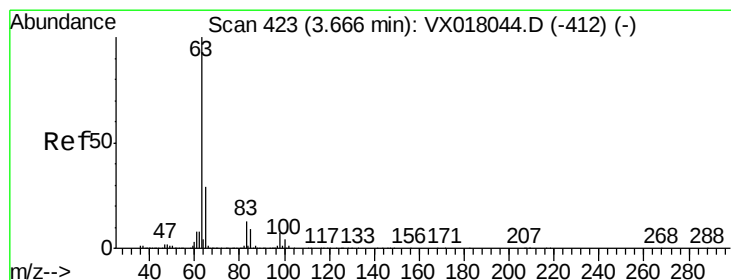
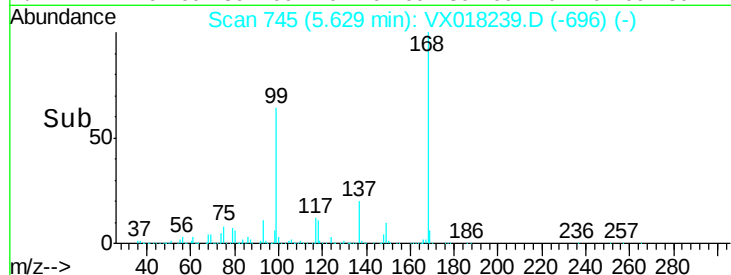
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 1.178 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018239.D

Acq: 03 Sep 2020 16:52

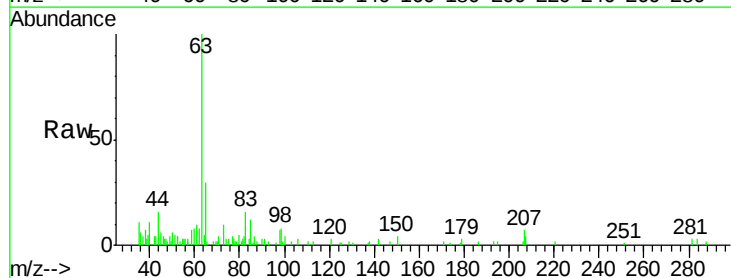
Tgt Ion: 63 Resp: 9939

Ion Ratio Lower Upper

63 100

98 15.6 3.6 10.8#

100 1.2 2.0 6.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

5000

4000

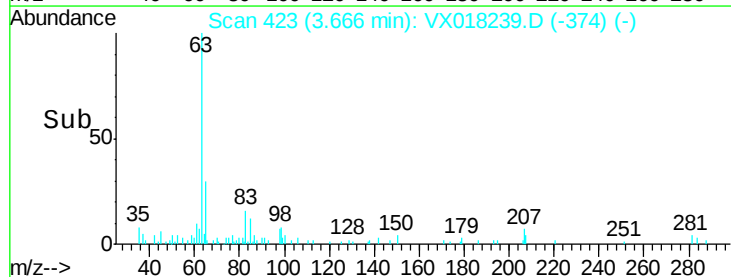
3000

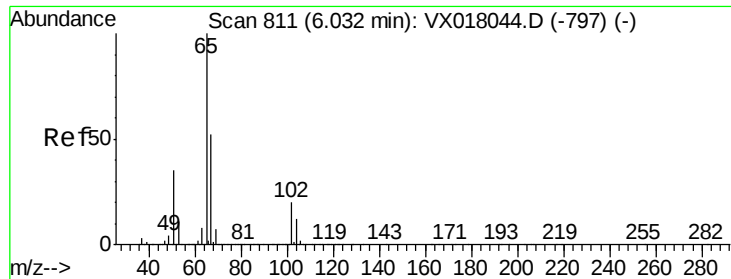
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 54.691 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018239.D

Acq: 03 Sep 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

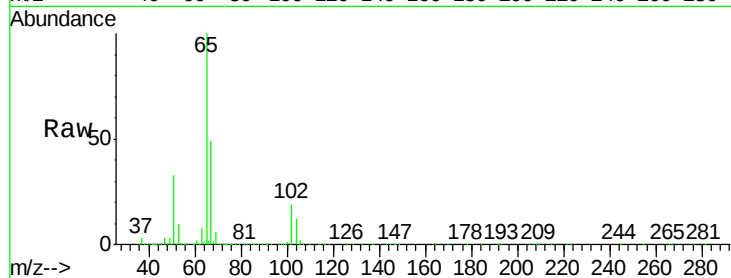
SA-PZ122D-20200902

Tot Ion: 65 Resp: 324798

Ion Ratio Lower Upper

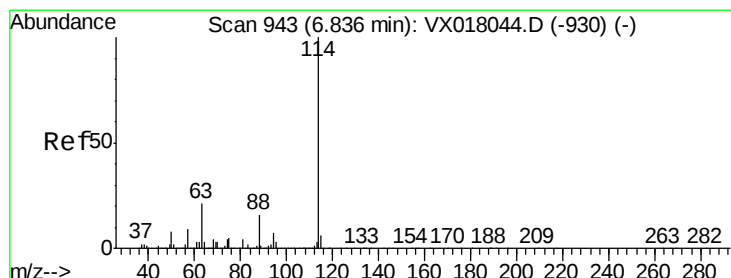
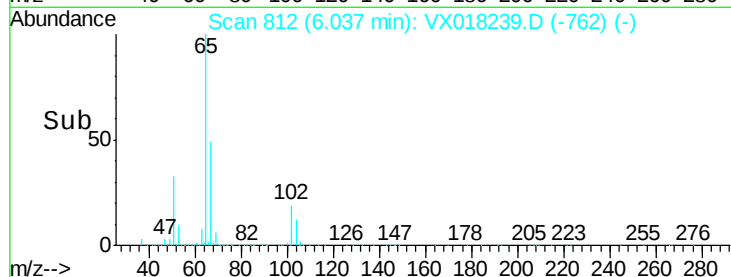
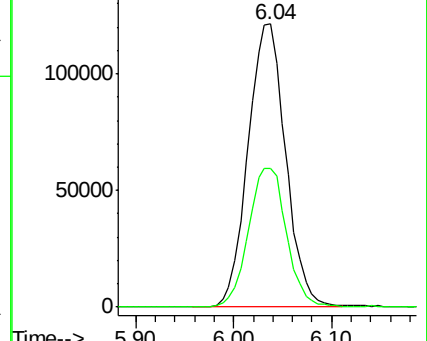
65 100

67 49.7 0.0 105.8



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: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018239.D

Acq: 03 Sep 2020 16:52

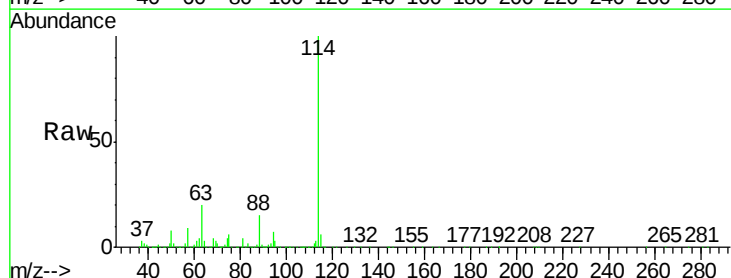
Tgt Ion: 114 Resp: 714462

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

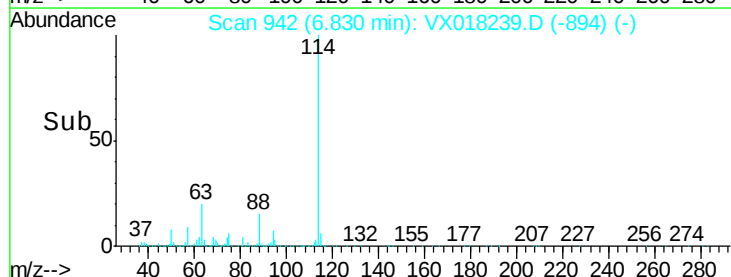
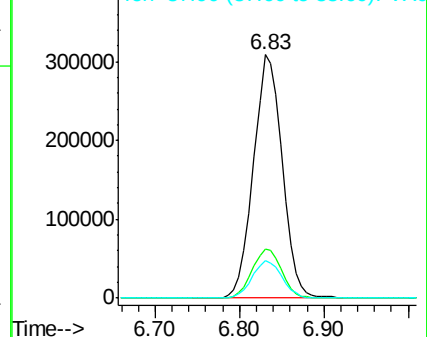
88 15.2 0.0 31.8

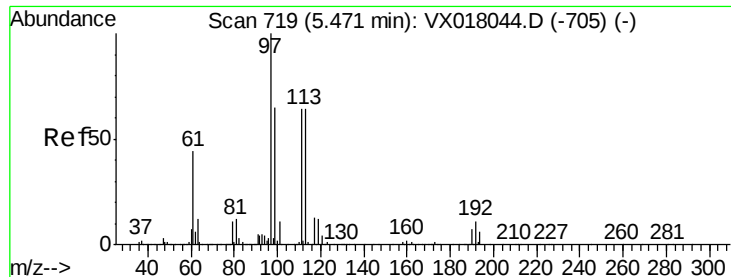


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.359 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018239.D

Acq: 03 Sep 2020 16:52

Instrument :

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ClientSampleId :

SA-PZ122D-20200902

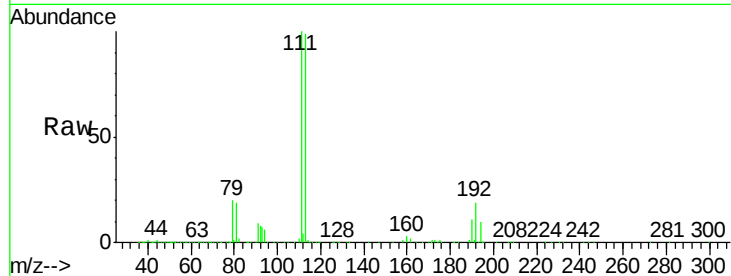
Tot Ion:113 Resp: 254772

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

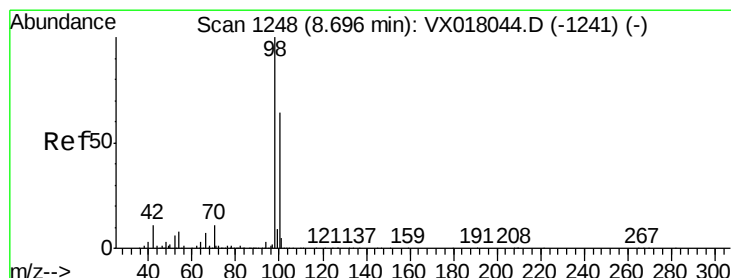
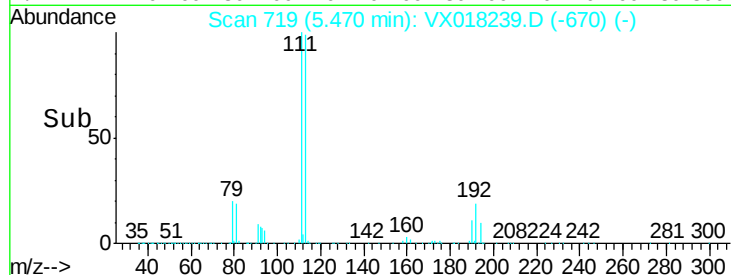
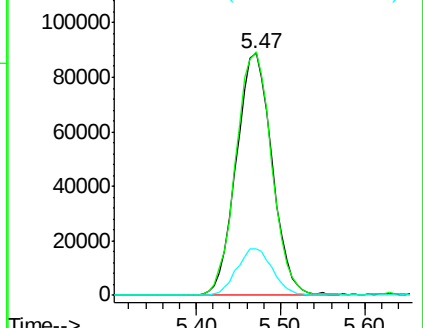
192 19.4 15.8 23.8



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: 48.019 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018239.D

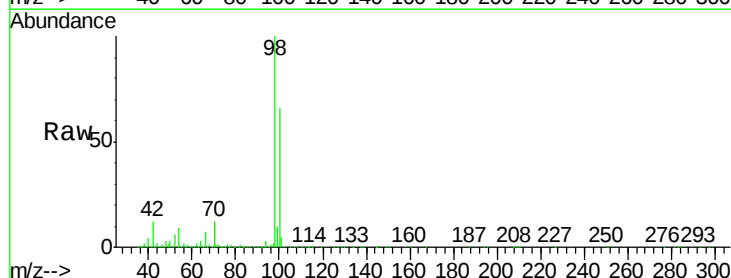
Acq: 03 Sep 2020 16:52

Tgt Ion: 98 Resp: 870243

Ion Ratio Lower Upper

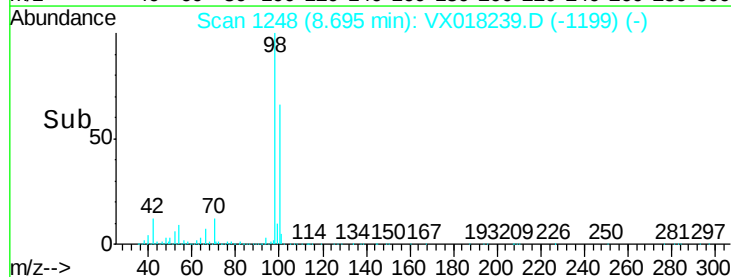
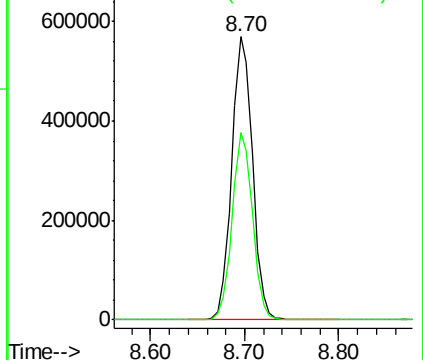
98 100

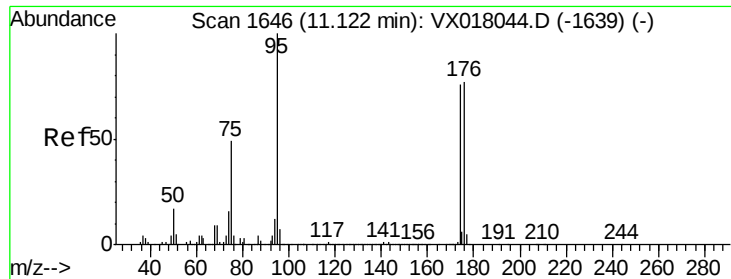
100 65.0 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.202 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018239.D

Acq: 03 Sep 2020 16:52

Instrument :

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ClientSampleId :

SA-PZ122D-20200902

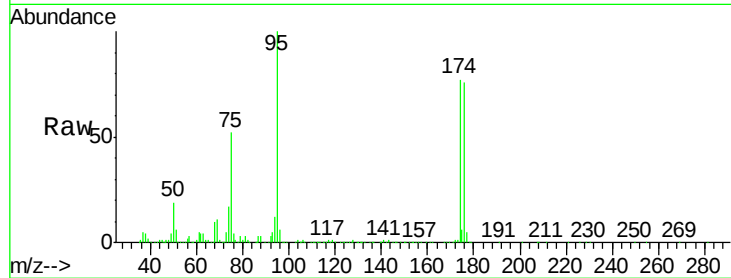
Tot Ion: 95 Resp: 322303

Ion Ratio Lower Upper

95 100

174 79.6 0.0 160.2

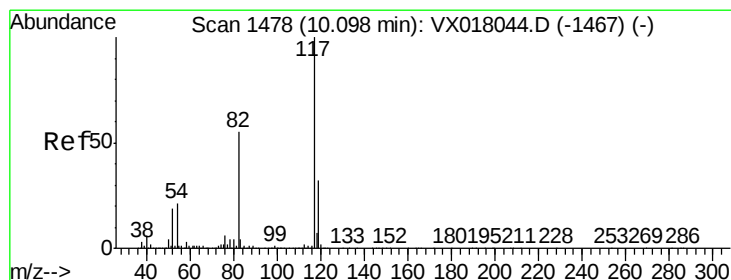
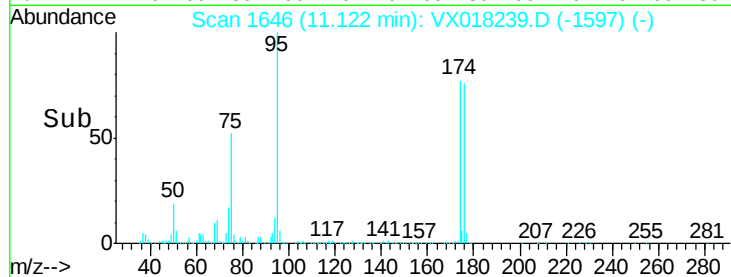
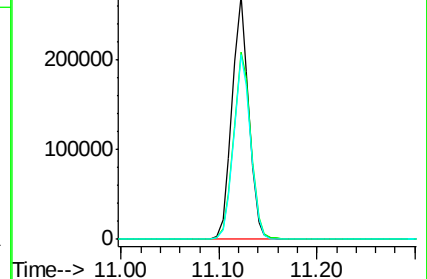
176 76.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX018044.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018044.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018044.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX018239.D

Acq: 03 Sep 2020 16:52

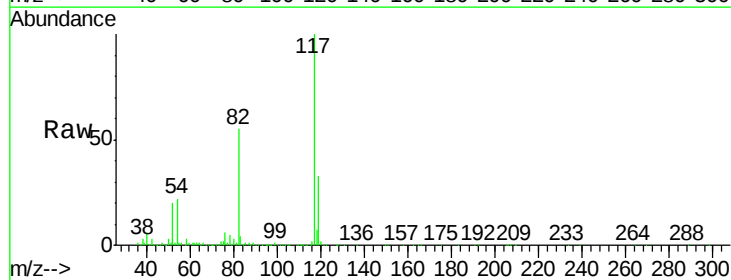
Tgt Ion: 117 Resp: 675100

Ion Ratio Lower Upper

117 100

82 55.4 44.2 66.2

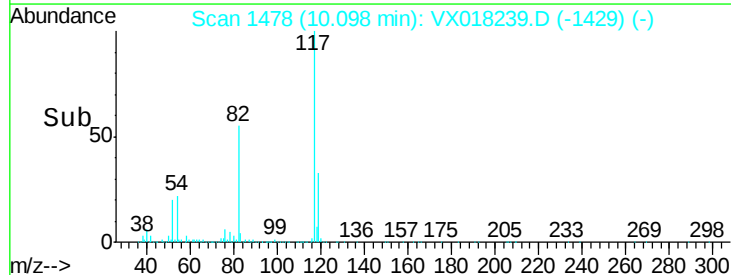
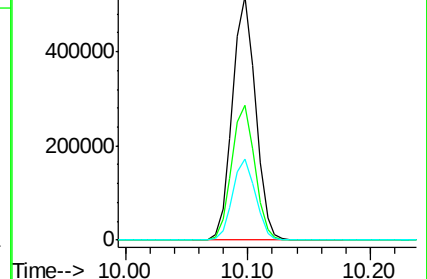
119 33.1 25.7 38.5

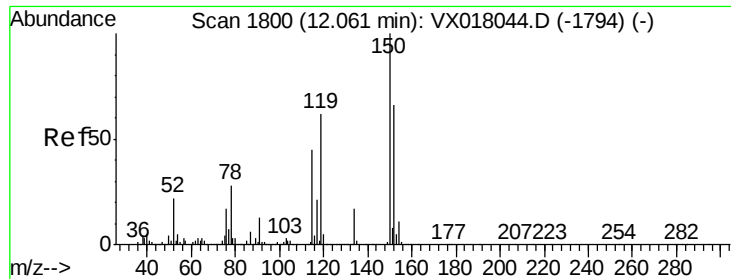


Abundance Ion 116.90 (116.60 to 117.60): VX018044.D (-1467) (-)

Ion 82.00 (81.70 to 82.70): VX018044.D (-1467) (-)

Ion 118.90 (118.60 to 119.60): VX018044.D (-1467) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018239.D

Acq: 03 Sep 2020 16:52

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ122D-20200902

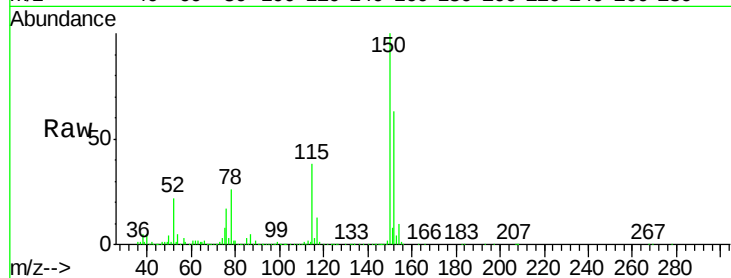
Tot Ion:152 Resp: 331173

Ion Ratio Lower Upper

152 100

115 59.3 41.5 124.5

150 154.0 0.0 343.8



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

