

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011083.D
 Acq On : 26 Jul 2019 12:18
 Operator : JC/SP
 Sample : K4014-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-072519

Quant Time: Jul 27 02:29:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

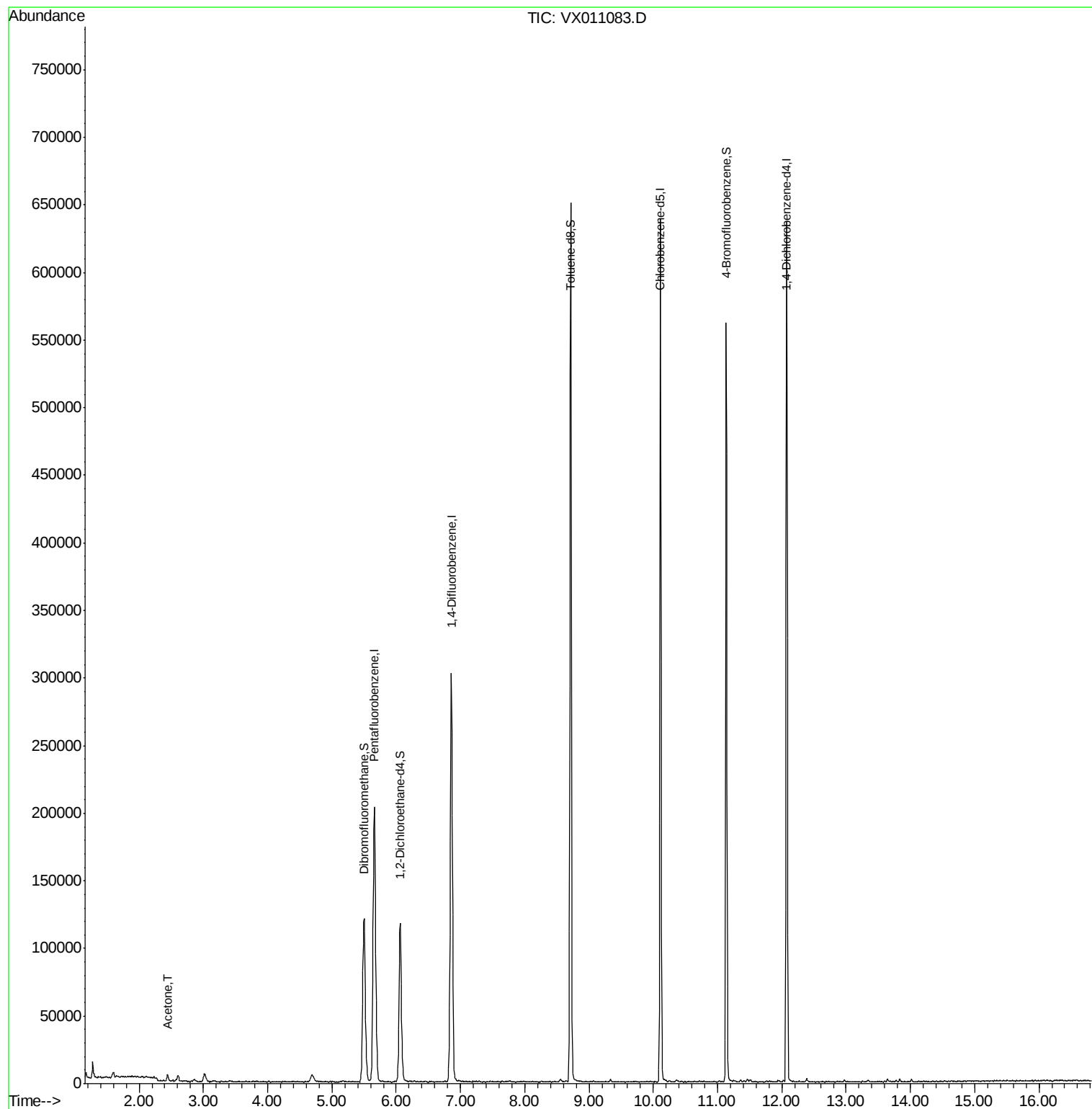
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	203801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139556	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	109713	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
35) Dibromofluoromethane	5.49	113	101130	49.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.82%	
50) Toluene-d8	8.71	98	388486	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
62) 4-Bromofluorobenzene	11.13	95	135672	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
Target Compounds						
16) Acetone	2.44	43	5253	5.364	ug/l	Qvalue 98

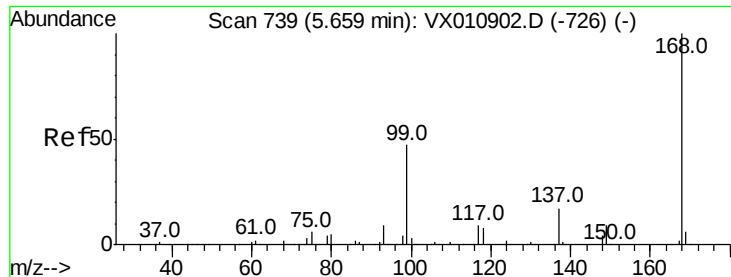
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011083.D

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Instrument :

MSVOA_X

ClientSampleId :

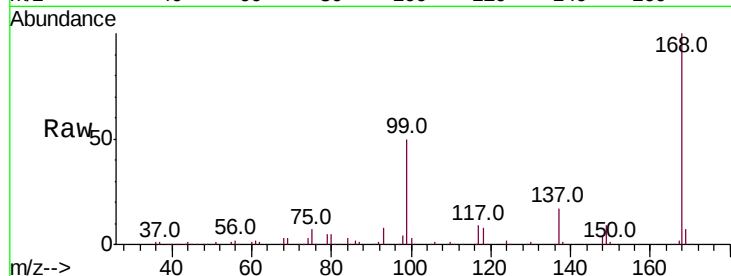
FB-072519

Tot Ion:168 Resp: 203801

Ion Ratio Lower Upper

168 100

99 49.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

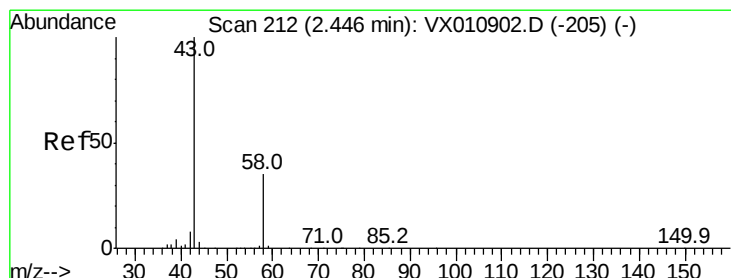
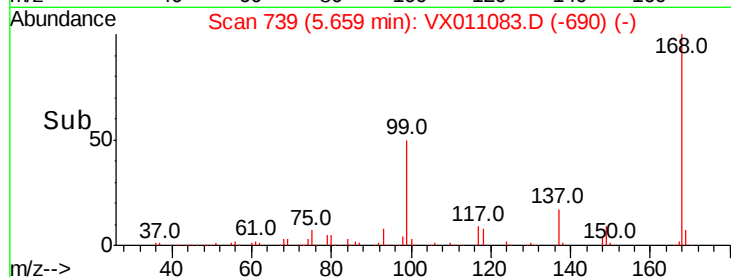
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.364 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011083.D

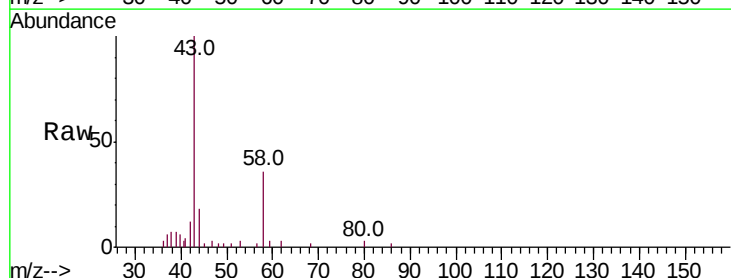
Acq: 26 Jul 2019 12:18

Tgt Ion: 43 Resp: 5253

Ion Ratio Lower Upper

43 100

58 35.6 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

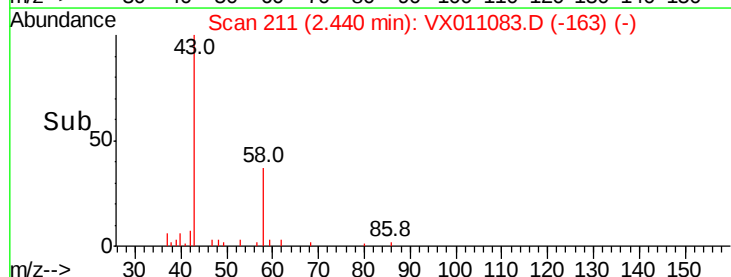
3000

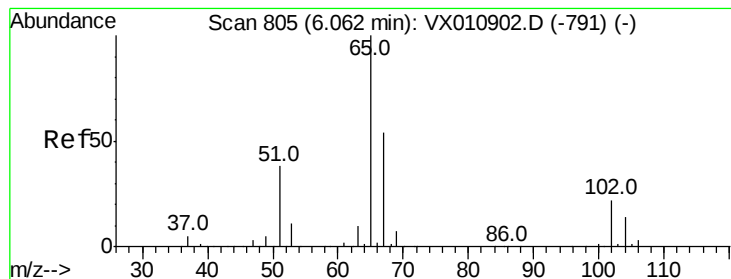
2000

1000

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 50.603 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX011083.D

Acq: 26 Jul 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

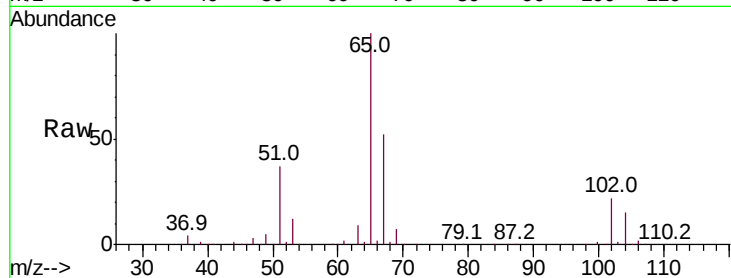
FB-072519

Tot Ion: 65 Resp: 109713

Ion Ratio Lower Upper

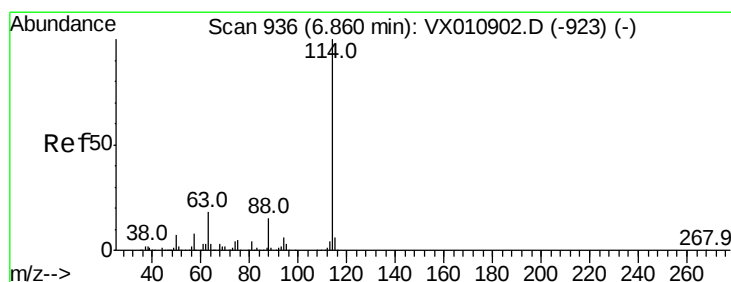
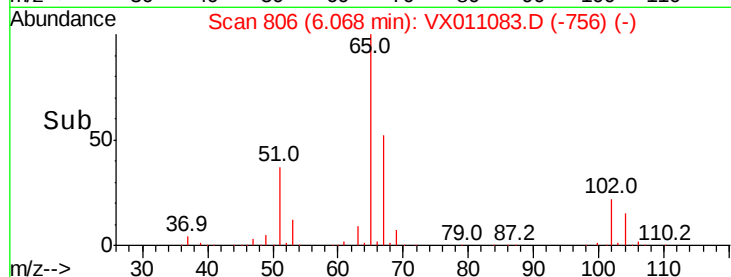
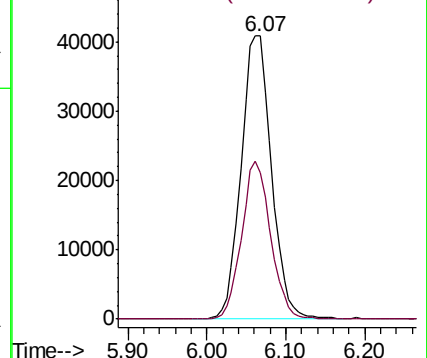
65 100

67 53.3 0.0 107.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011083.D

Acq: 26 Jul 2019 12:18

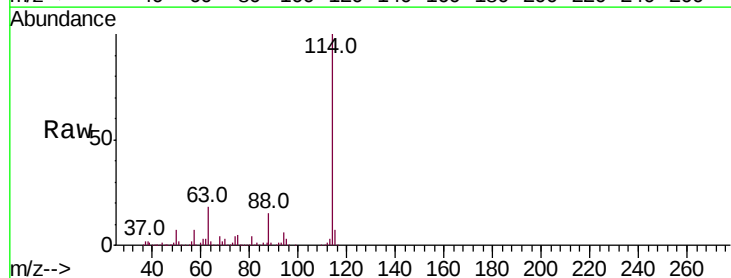
Tgt Ion: 114 Resp: 319244

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.6

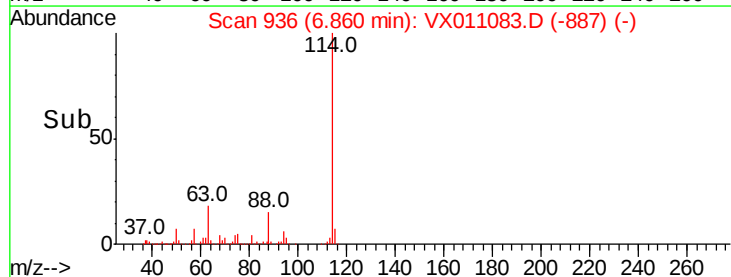
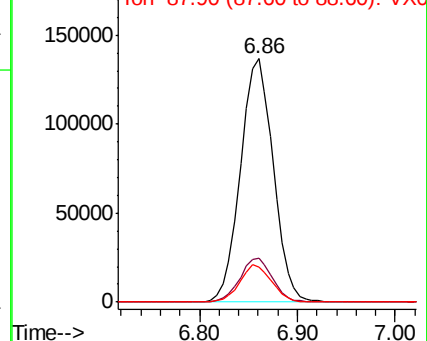
88 14.6 0.0 29.8

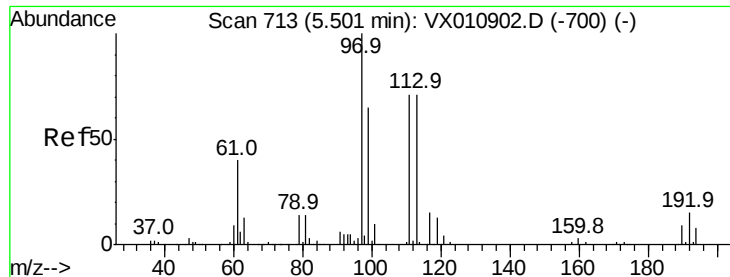


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.908 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011083.D

Acq: 26 Jul 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

FB-072519

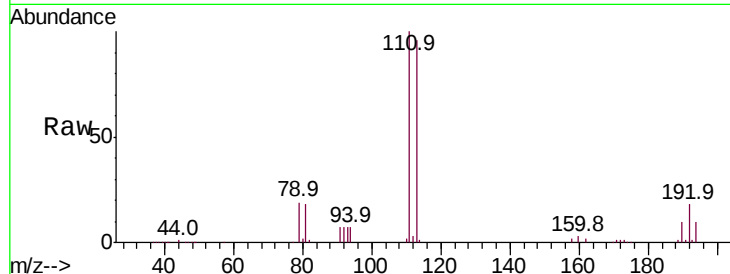
Tot Ion:113 Resp: 101130

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

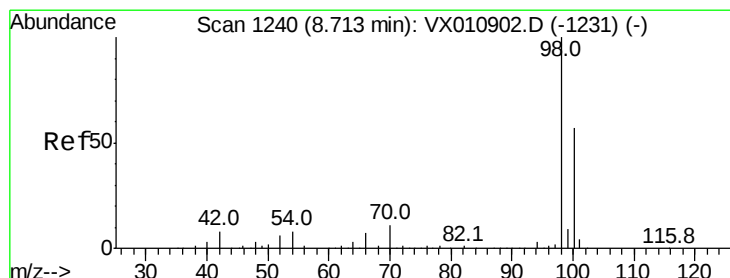
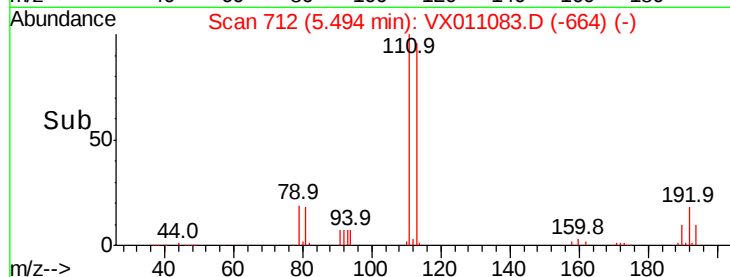
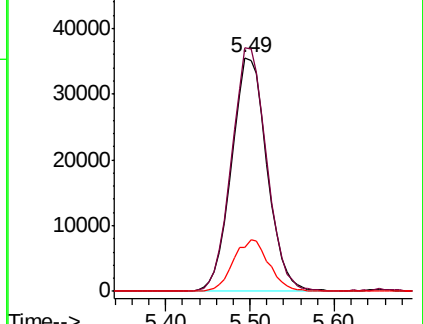
192 22.1 17.4 26.2



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: 51.117 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011083.D

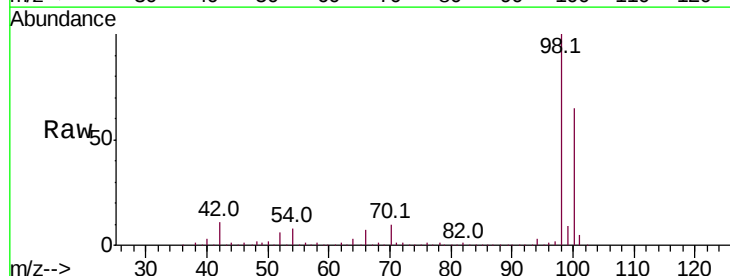
Acq: 26 Jul 2019 12:18

Tgt Ion: 98 Resp: 388486

Ion Ratio Lower Upper

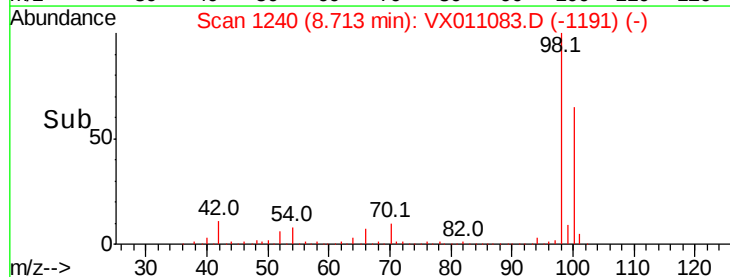
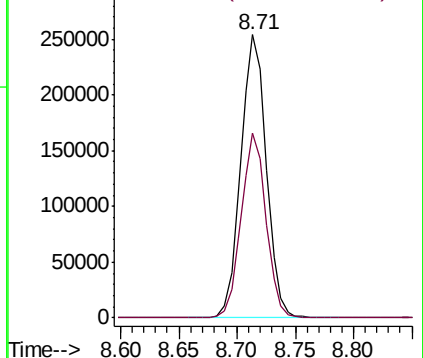
98 100

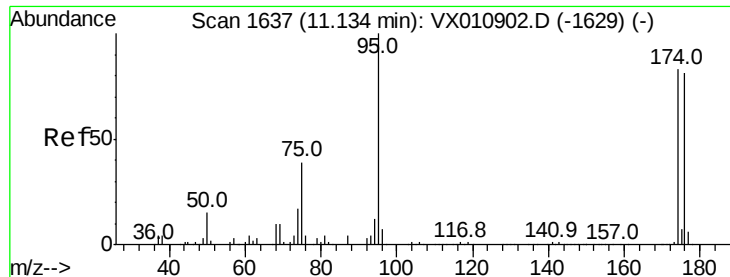
100 63.7 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.567 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011083.D

Acq: 26 Jul 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

FB-072519

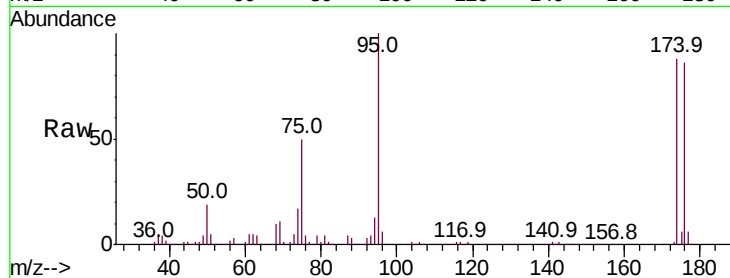
Tot Ion: 95 Resp: 135672

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

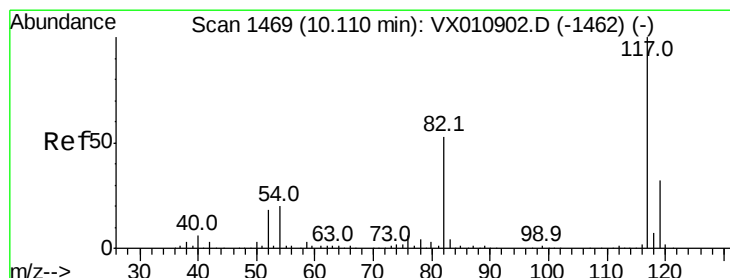
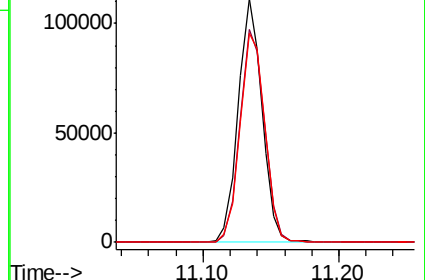
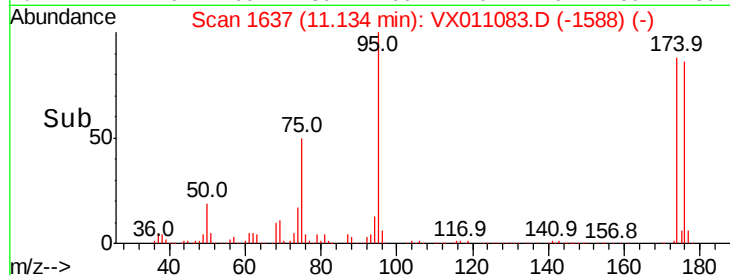
176 89.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011083.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011083.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011083.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011083.D

Acq: 26 Jul 2019 12:18

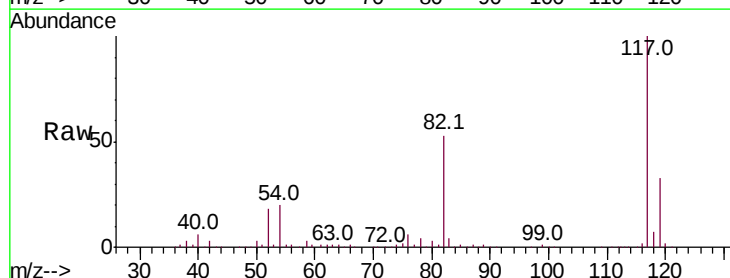
Tgt Ion: 117 Resp: 297320

Ion Ratio Lower Upper

117 100

82 53.1 42.6 63.8

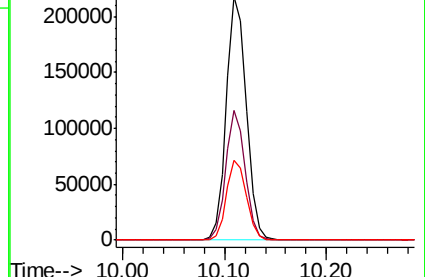
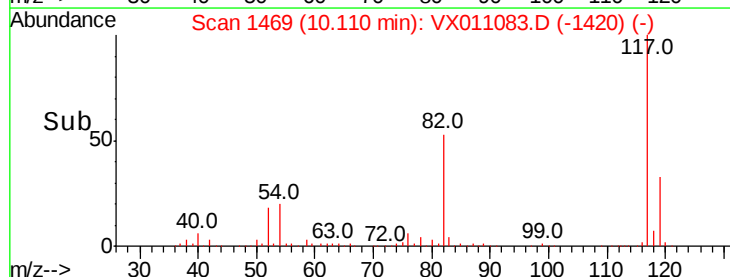
119 32.8 25.9 38.9

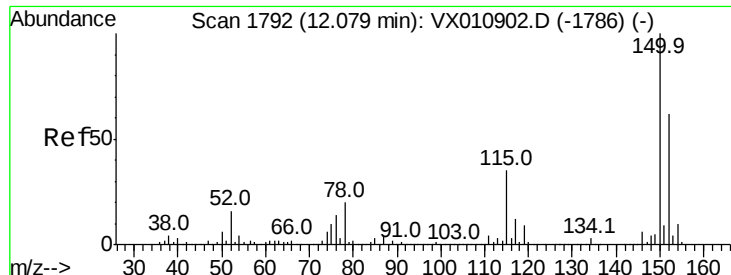


Abundance Ion 116.90 (116.60 to 117.60): VX011083.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011083.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011083.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011083.D

Acq: 26 Jul 2019 12:18

Instrument :

MSVOA_X

ClientSampleId :

FB-072519

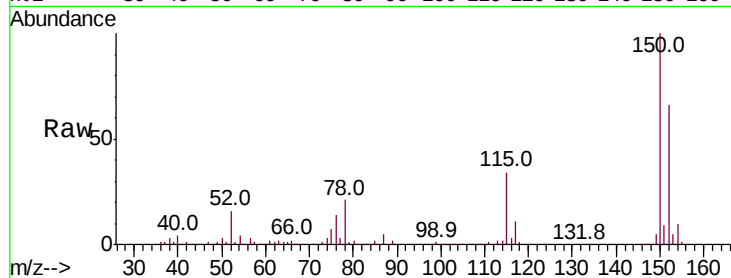
Tot Ion:152 Resp: 139556

Ion Ratio Lower Upper

152 100

115 54.6 39.7 119.1

150 155.0 0.0 345.6



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

