

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082219\
 Data File : VX011779.D
 Acq On : 22 Aug 2019 22:00
 Operator : JC/SP
 Sample : PB122428TB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB122428TB

Quant Time: Aug 23 03:47:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

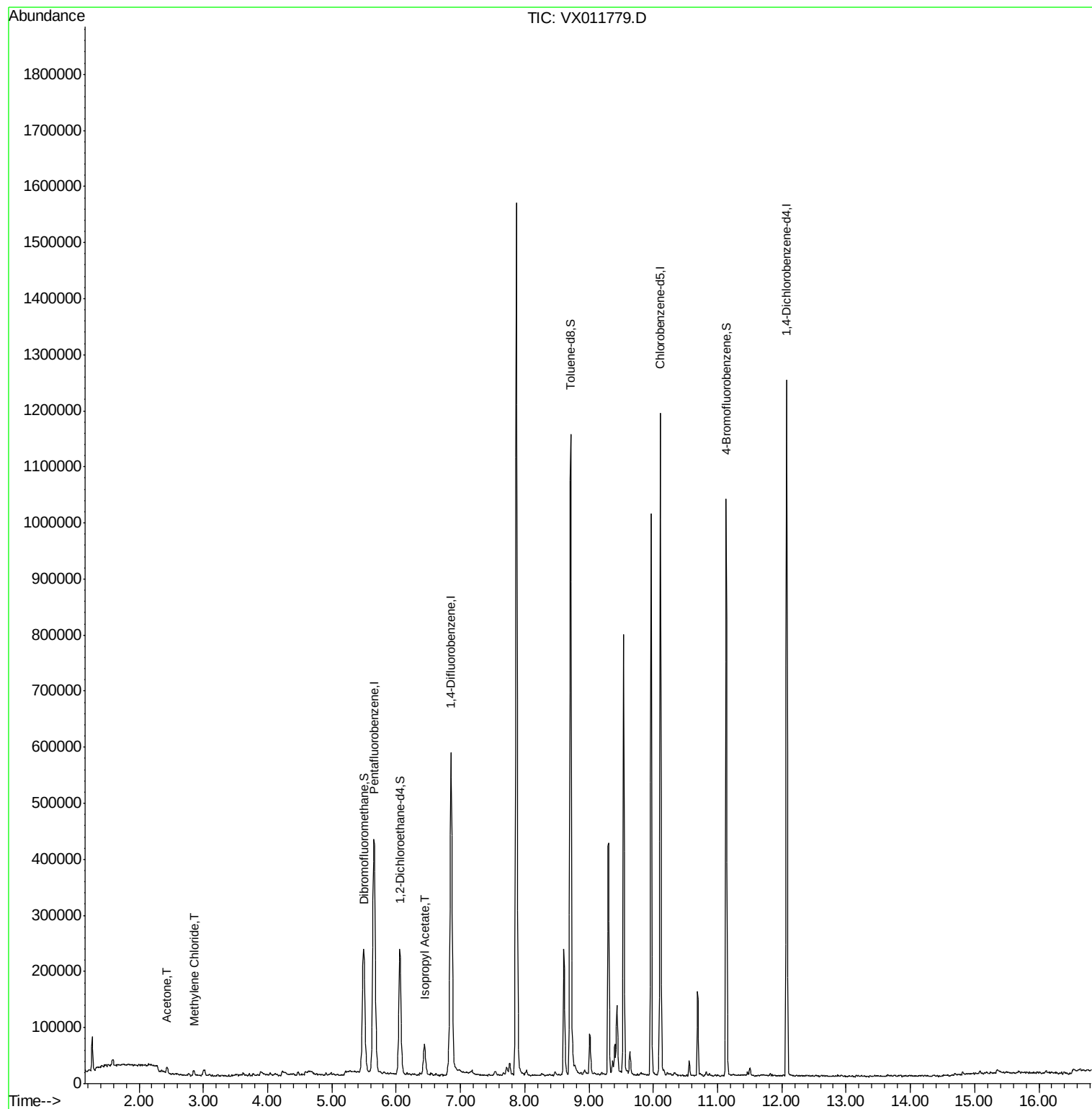
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	456979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	628004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	566388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	286252	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	212822	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
35) Dibromofluoromethane	5.49	113	184392	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
50) Toluene-d8	8.71	98	721277	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.13	95	250268	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
Target Compounds						
16) Acetone	2.43	43	10893	5.455	ug/l	89
20) Methylene Chloride	2.85	84	5392	1.321	ug/l #	96
43) Isopropyl Acetate	6.44	43	75085	8.902	ug/l	98

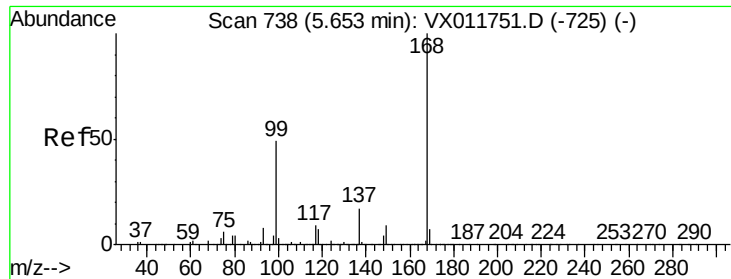
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011779.D

Acq: 22 Aug 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

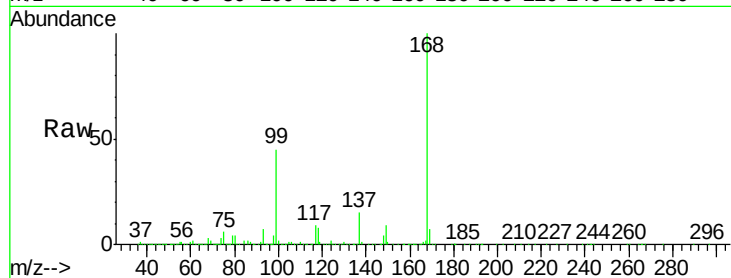
PB122428TB

Tot Ion:168 Resp: 456979

Ion Ratio Lower Upper

168 100

99 45.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

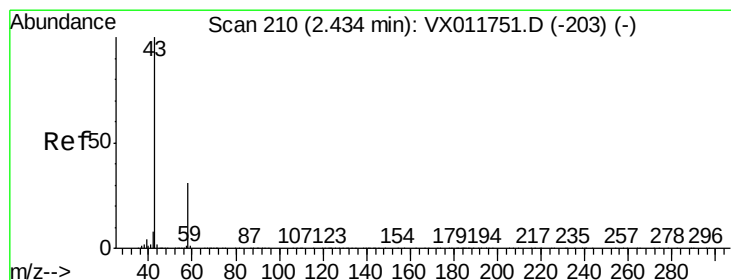
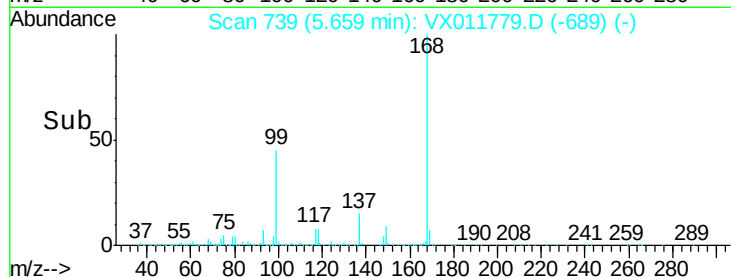
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.455 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011779.D

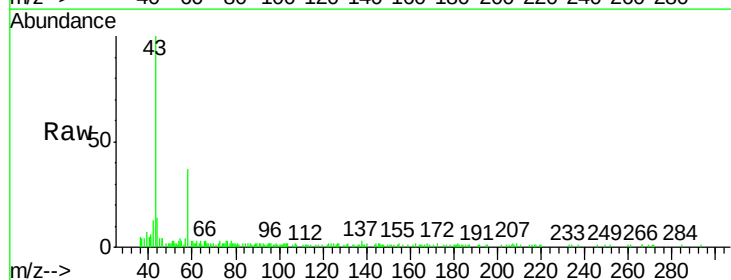
Acq: 22 Aug 2019 22:00

Tgt Ion: 43 Resp: 10893

Ion Ratio Lower Upper

43 100

58 36.5 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

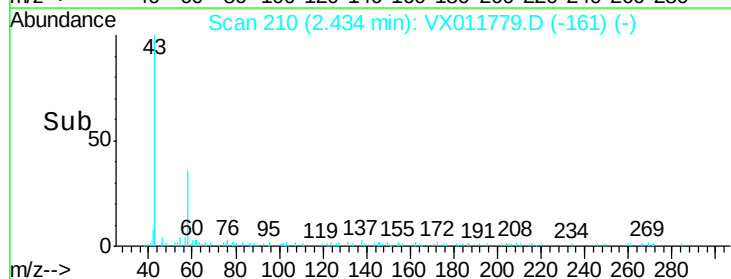
6000

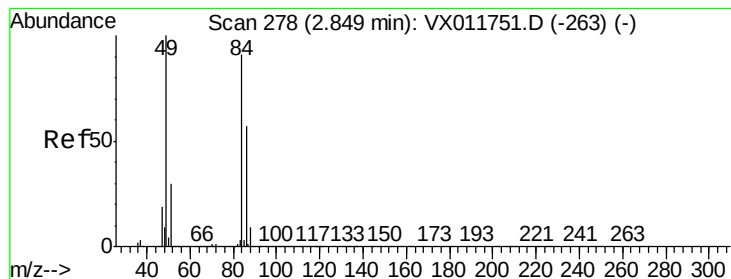
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.321 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011779.D

Acq: 22 Aug 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

PB122428TB

Tot Ion: 84 Resp: 5392

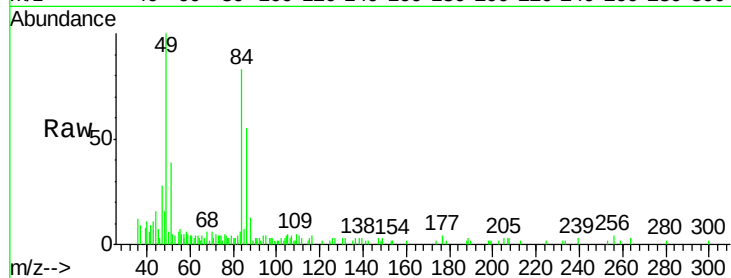
Ion Ratio Lower Upper

84 100

49 108.3 88.3 132.5

51 39.3 26.2 39.2#

86 61.2 50.6 76.0

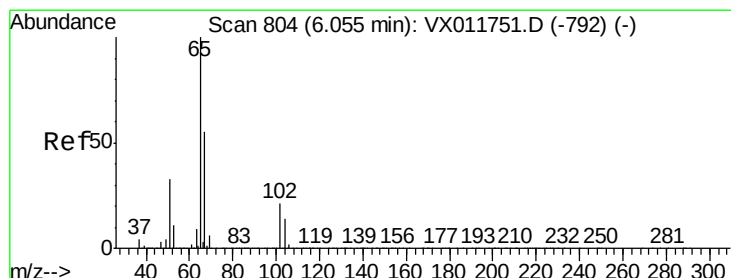
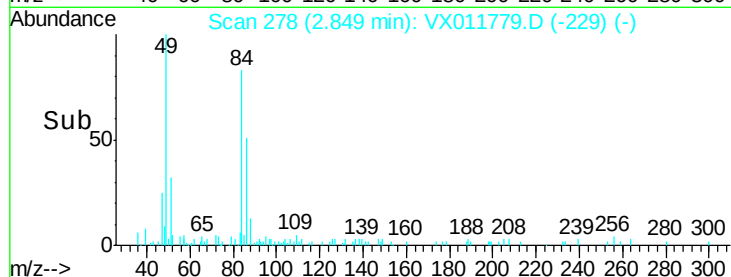
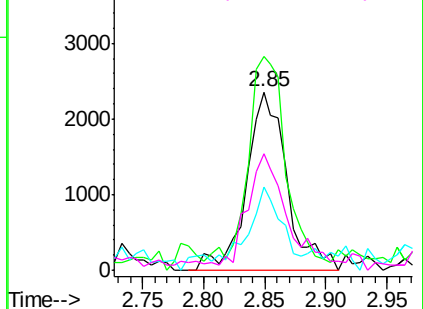


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.360 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011779.D

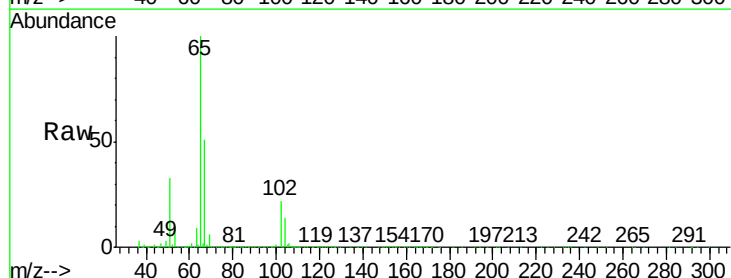
Acq: 22 Aug 2019 22:00

Tgt Ion: 65 Resp: 212822

Ion Ratio Lower Upper

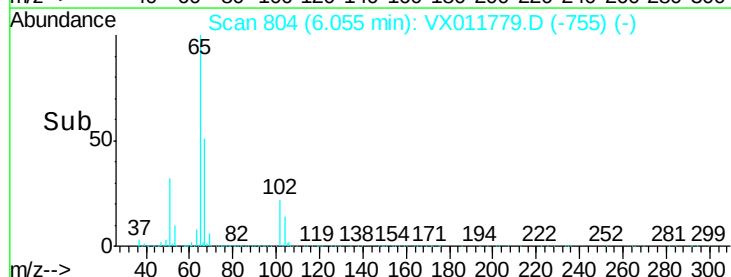
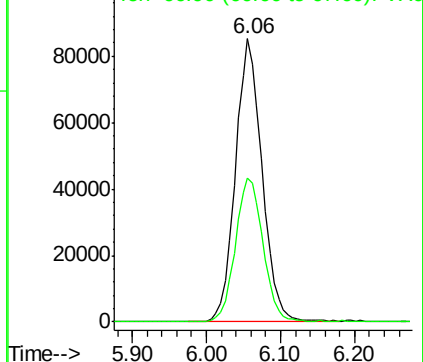
65 100

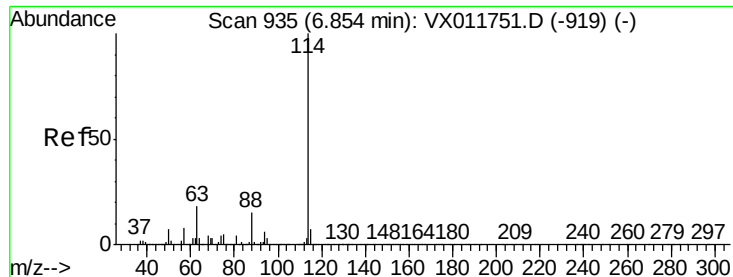
67 52.7 0.0 107.8



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: 6.85 min Scan# 935

Delta R.T. -0.00 min

Lab File: VX011779.D

Acq: 22 Aug 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

PB122428TB

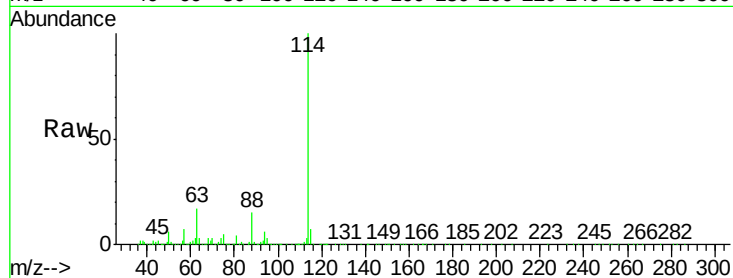
Tot Ion:114 Resp: 628004

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.8

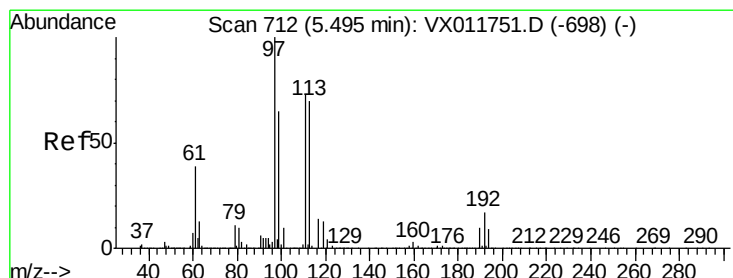
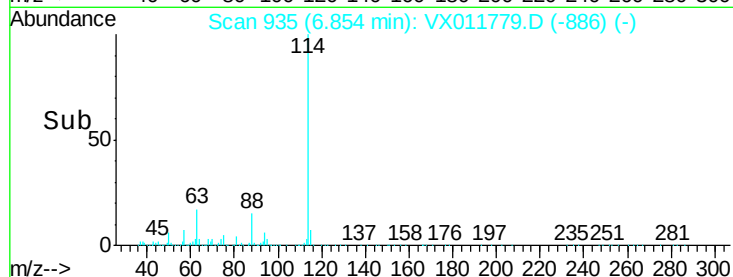
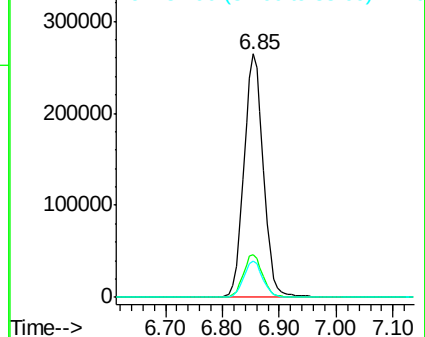
88 15.0 0.0 30.2



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: 45.406 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011779.D

Acq: 22 Aug 2019 22:00

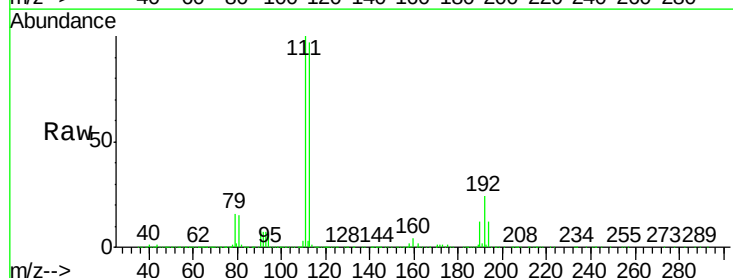
Tgt Ion:113 Resp: 184392

Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

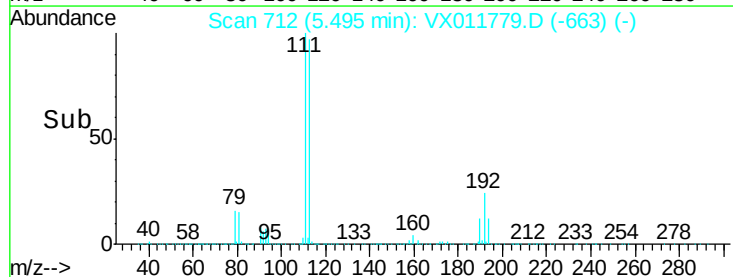
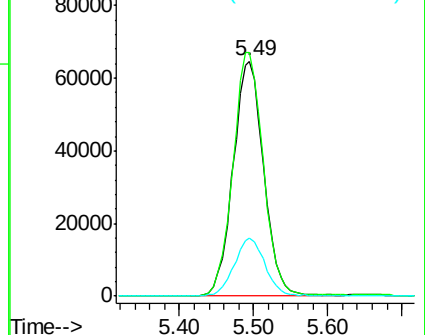
192 25.3 19.9 29.9

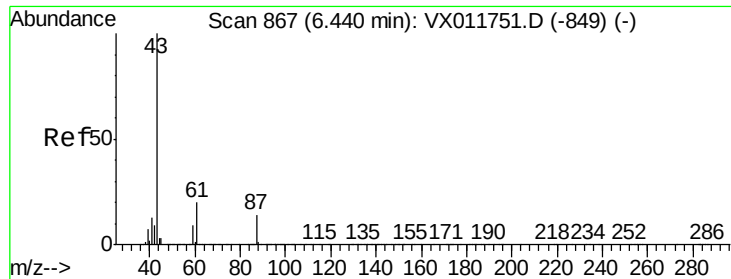


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.902 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011779.D

Acq: 22 Aug 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

PB122428TB

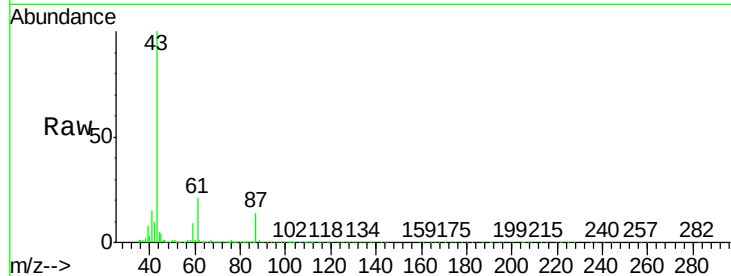
Tot Ion: 43 Resp: 75085

Ion Ratio Lower Upper

43 100

61 21.0 16.2 24.2

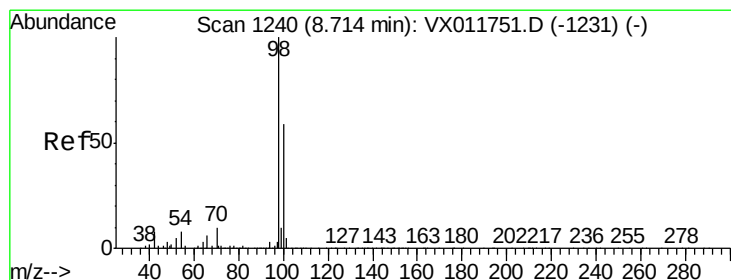
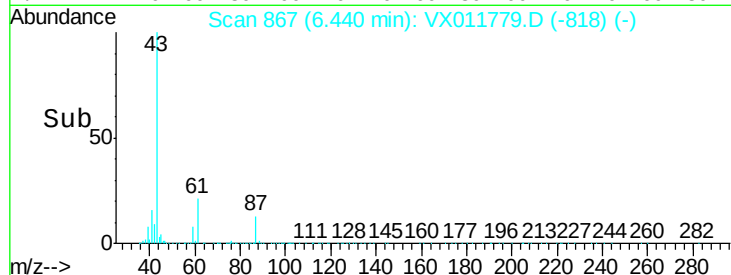
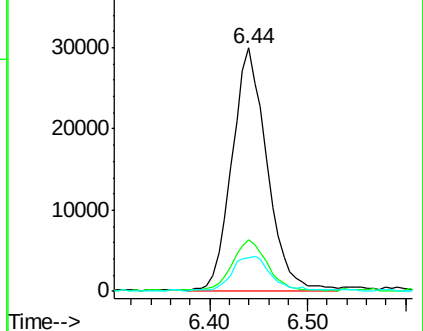
87 15.4 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.921 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011779.D

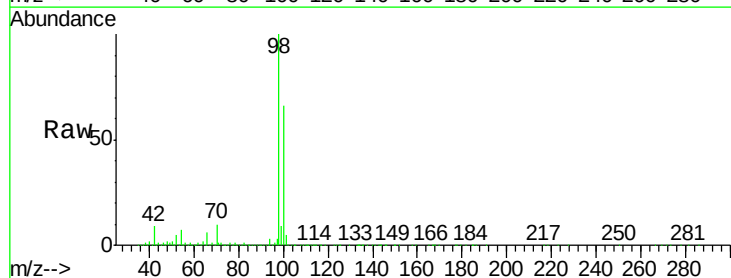
Acq: 22 Aug 2019 22:00

Tgt Ion: 98 Resp: 721277

Ion Ratio Lower Upper

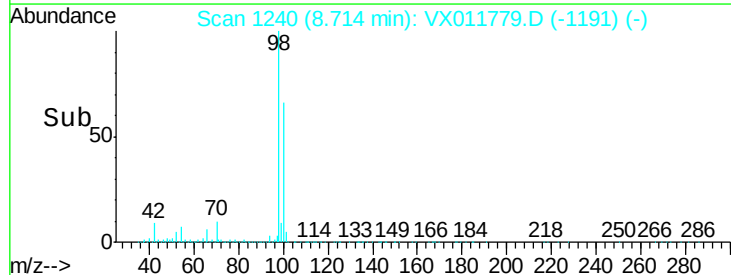
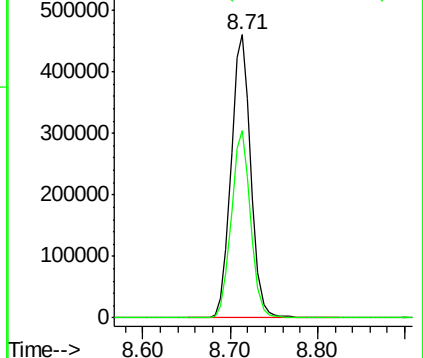
98 100

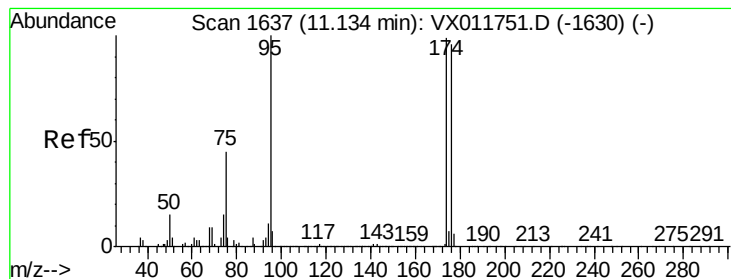
100 65.0 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.701 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011779.D

Acq: 22 Aug 2019 22:00

Instrument :

MSVOA_X

ClientSampleId :

PB122428TB

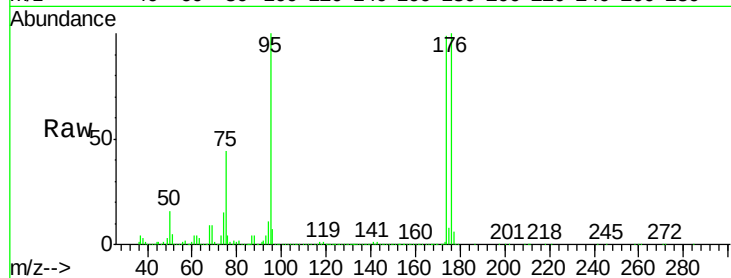
Tot Ion: 95 Resp: 250268

Ion Ratio Lower Upper

95 100

174 102.4 0.0 197.4

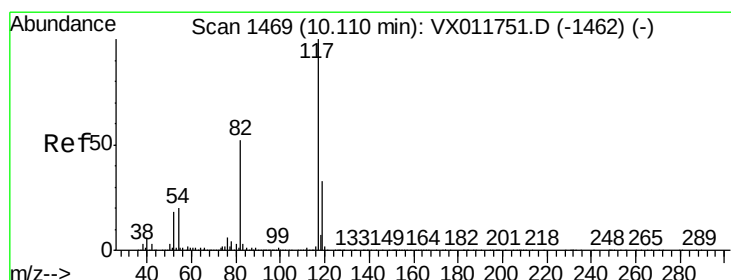
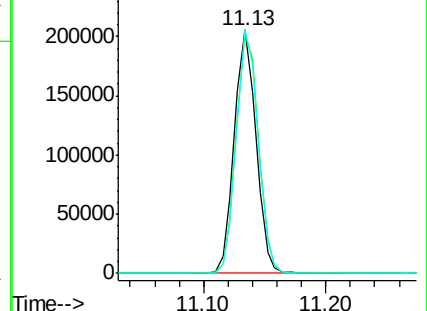
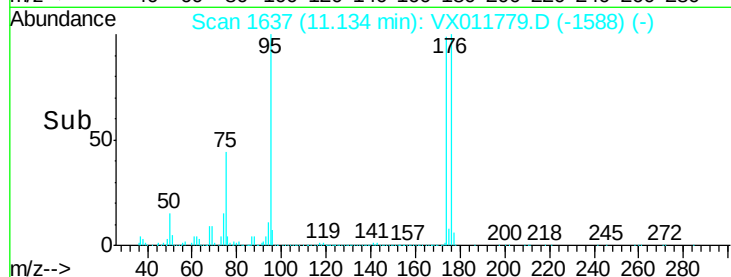
176 101.0 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX011779.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011779.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011779.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011779.D

Acq: 22 Aug 2019 22:00

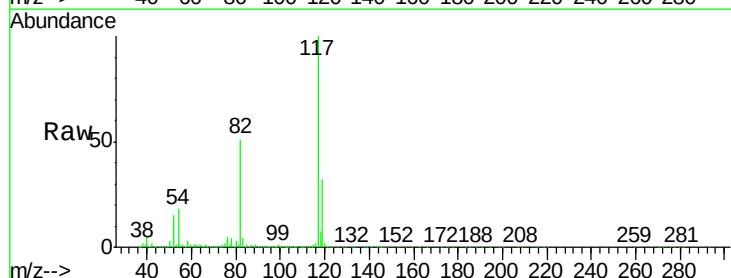
Tgt Ion: 117 Resp: 566388

Ion Ratio Lower Upper

117 100

82 50.7 41.7 62.5

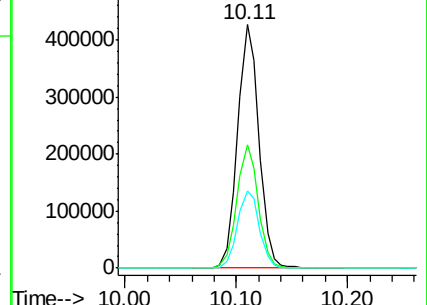
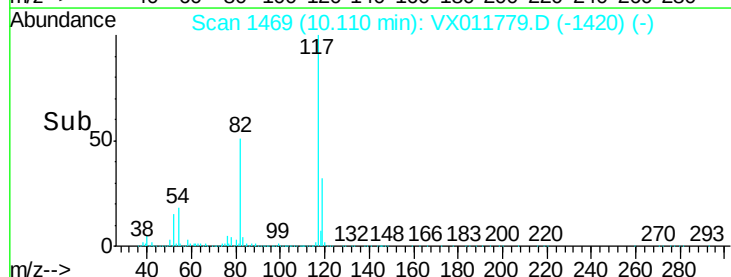
119 31.8 26.2 39.2

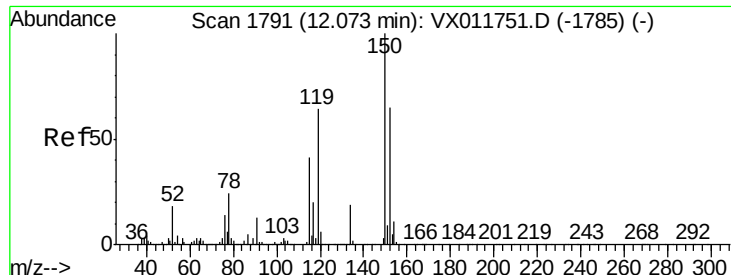


Abundance Ion 116.90 (116.60 to 117.60): VX011779.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011779.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011779.D (-1420) (-)

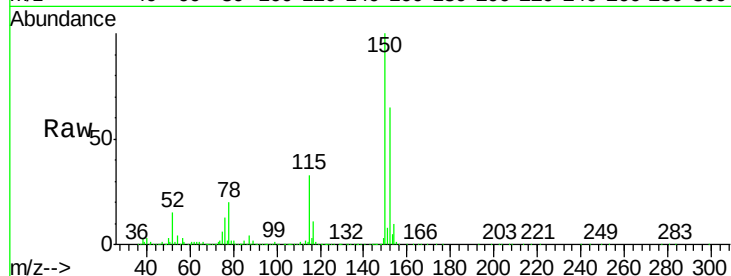




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX011779.D
 Acq: 22 Aug 2019 22:00

Instrument :
 MSVOA_X
 ClientSampleId :
 PB122428TB

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.4	37.3	111.8
150	156.1	0.0	343.0



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

