

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009799.D
 Acq On : 22 May 2019 13:13
 Operator : JC/SP
 Sample : K2970-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11-D

Quant Time: May 23 07:39:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

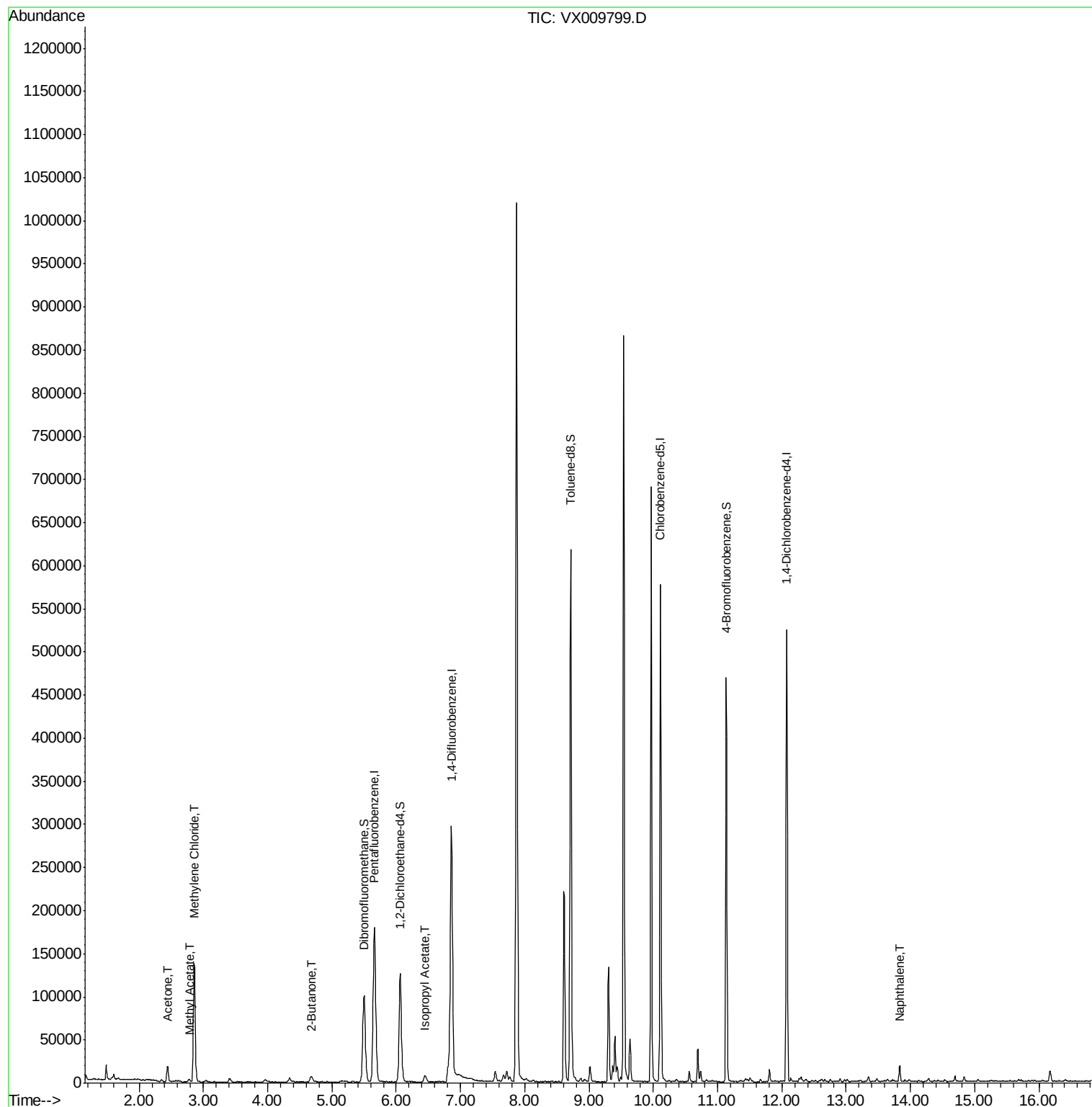
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173680	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	279931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	107173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118695	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
35) Dibromofluoromethane	5.50	113	86132	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	8.71	98	359168	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	118664	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
Target Compounds						
16) Acetone	2.45	43	20480	16.087	ug/l	94
18) Methyl Acetate	2.78	43	4803	1.586	ug/l	98
20) Methylene Chloride	2.86	84	61731	29.947	ug/l	98
25) 2-Butanone	4.68	43	13176	6.660	ug/l	99
43) Isopropyl Acetate	6.45	43	11411	1.968	ug/l	100
95) Naphthalene	13.83	128	10858	1.390	ug/l	99

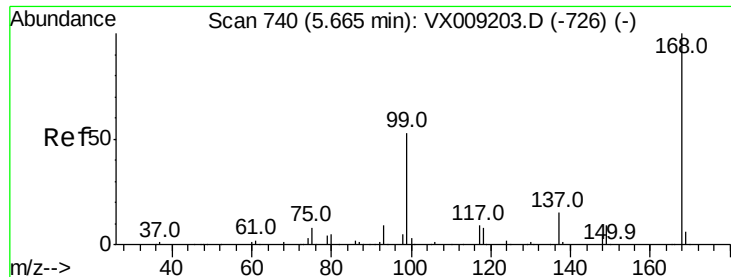
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009799.D

Acq: 22 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

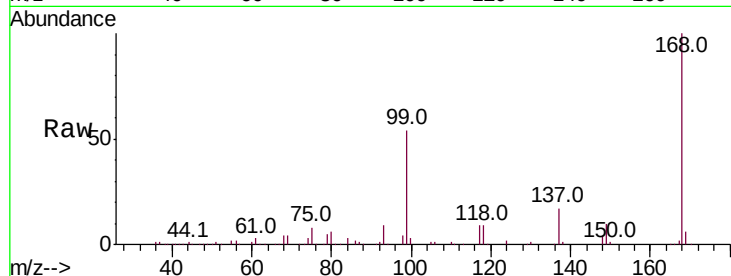
TP-11-D

Tot Ion:168 Resp: 173680

Ion Ratio Lower Upper

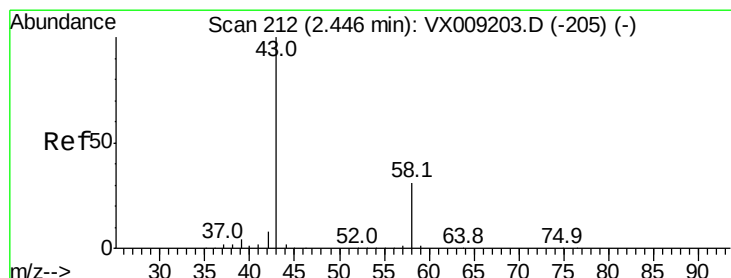
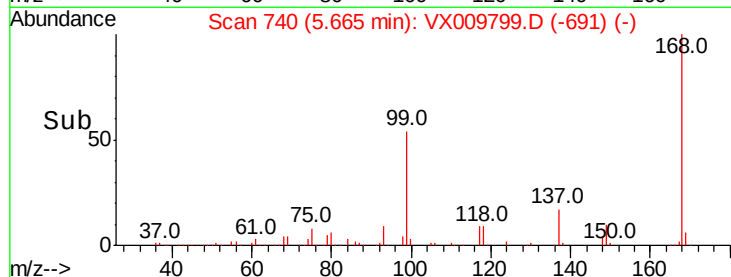
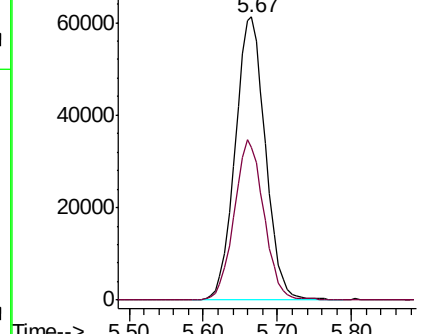
168 100

99 53.9 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 16.087 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009799.D

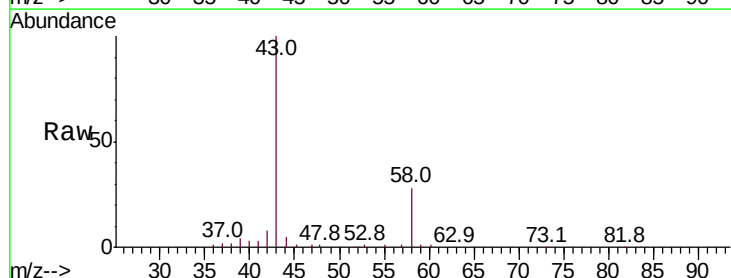
Acq: 22 May 2019 13:13

Tgt Ion: 43 Resp: 20480

Ion Ratio Lower Upper

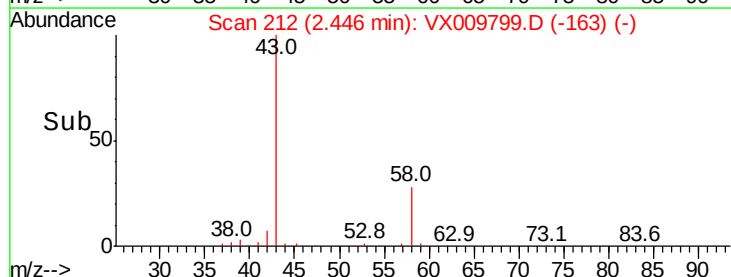
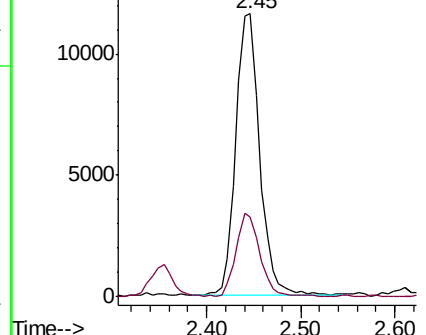
43 100

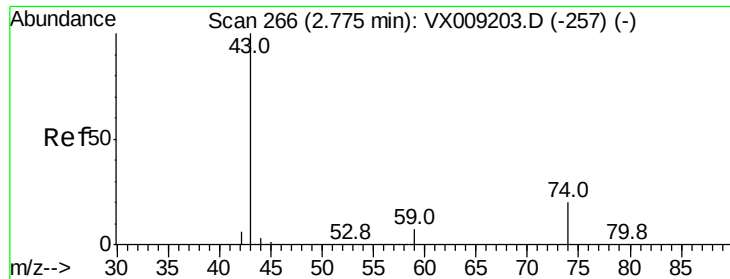
58 27.7 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

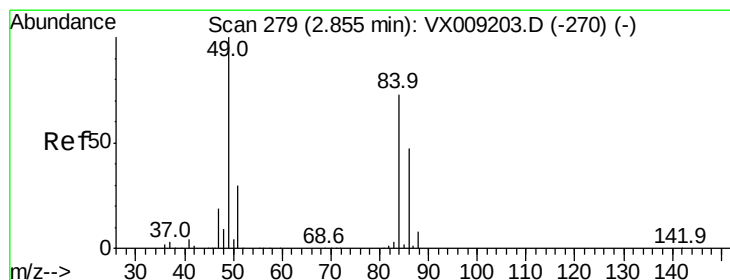
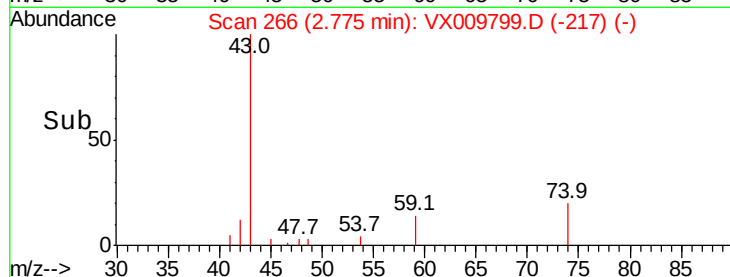
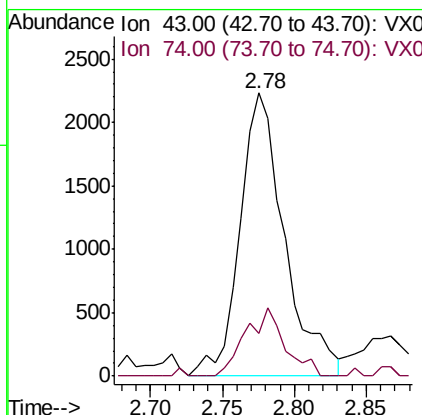
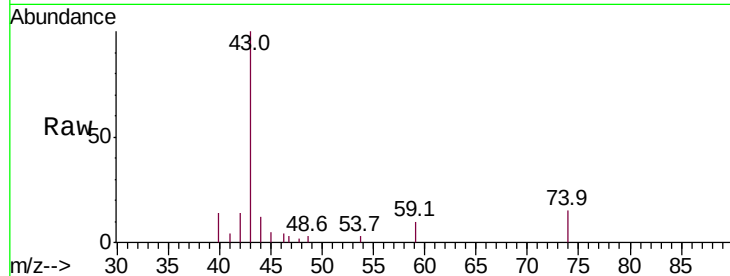




#18
Methyl Acetate
Concen: 1.586 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

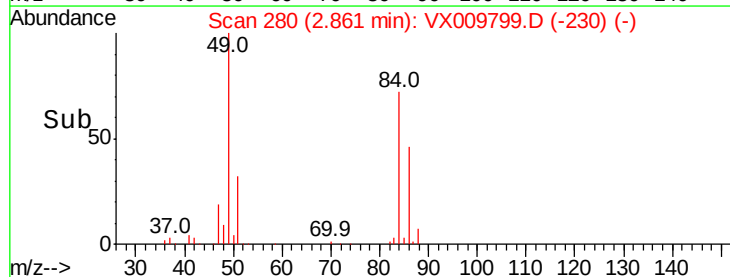
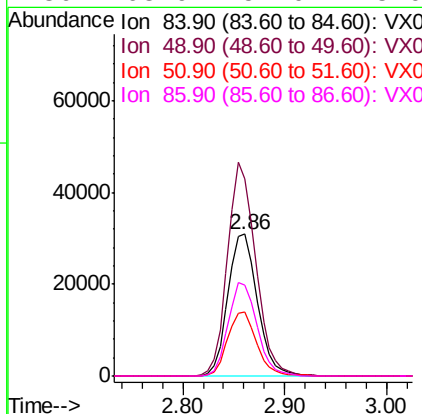
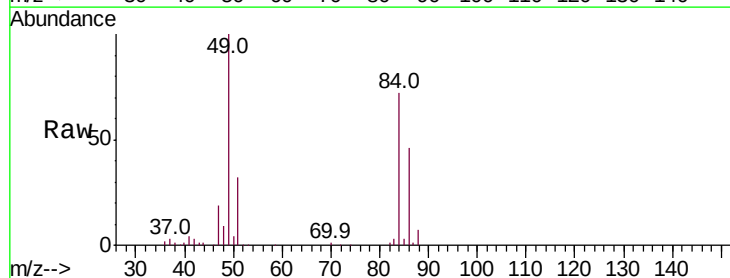
Instrument :
MSVOA_X
ClientSampleId :
TP-11-D

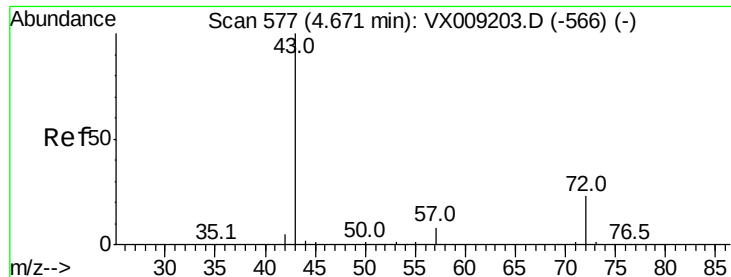
Tot Ion: 43 Resp: 4803
Ion Ratio Lower Upper
43 100
74 21.3 16.2 24.4



#20
Methylene Chloride
Concen: 29.947 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX009799.D
Acq: 22 May 2019 13:13

Tgt Ion: 84 Resp: 61731
Ion Ratio Lower Upper
84 100
49 139.2 109.9 164.9
51 44.9 32.7 49.1
86 63.9 52.0 78.0





#25

2-Butanone

Concen: 6.660 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009799.D

Acq: 22 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

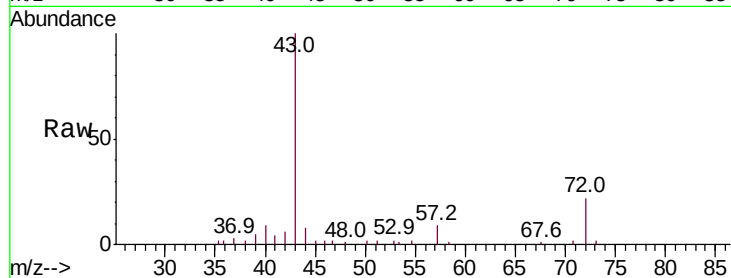
TP-11-D

Tot Ion: 43 Resp: 13176

Ion Ratio Lower Upper

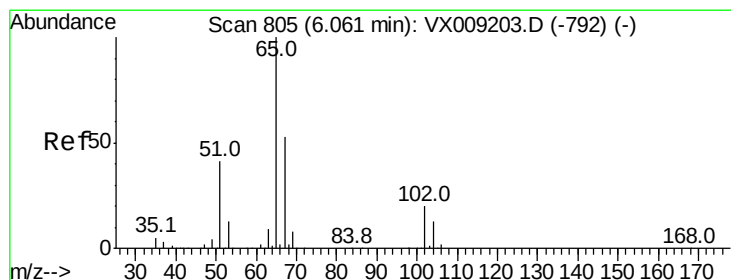
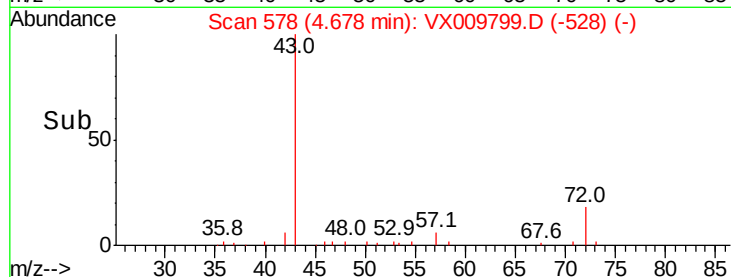
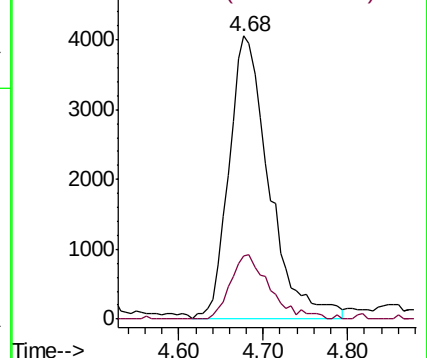
43 100

72 22.2 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.062 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009799.D

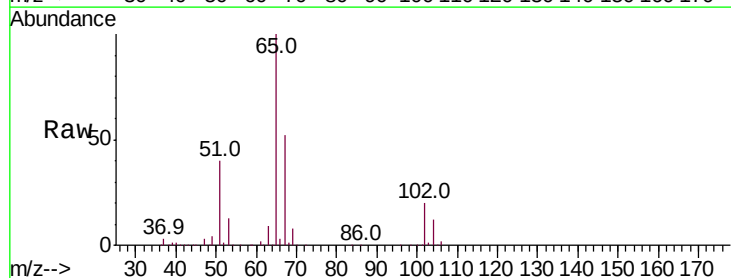
Acq: 22 May 2019 13:13

Tgt Ion: 65 Resp: 118695

Ion Ratio Lower Upper

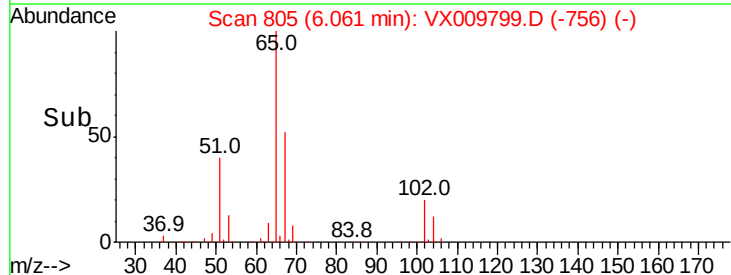
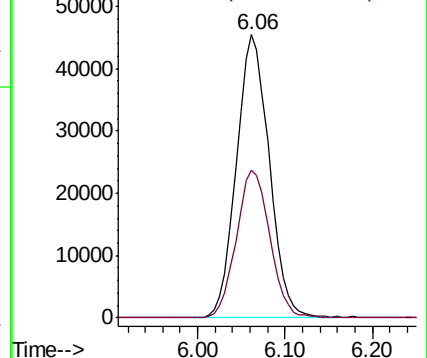
65 100

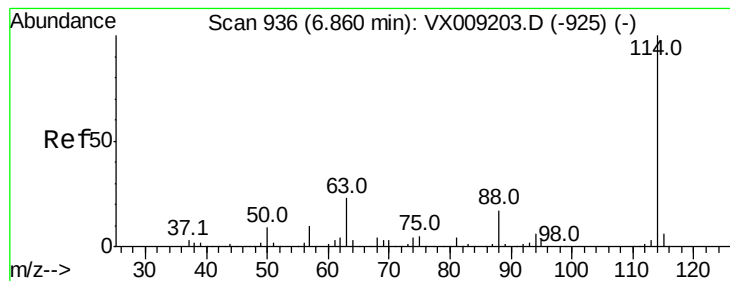
67 53.4 0.0 106.6



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009799.D

Acq: 22 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

TP-11-D

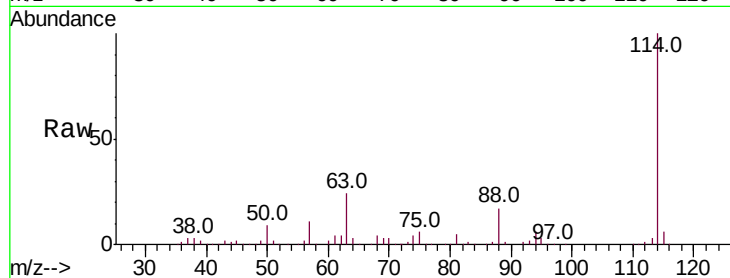
Tot Ion:114 Resp: 279931

Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.6

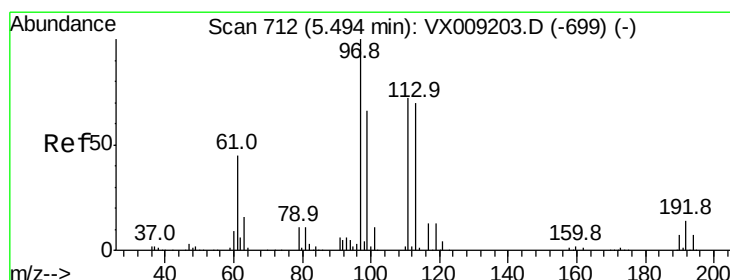
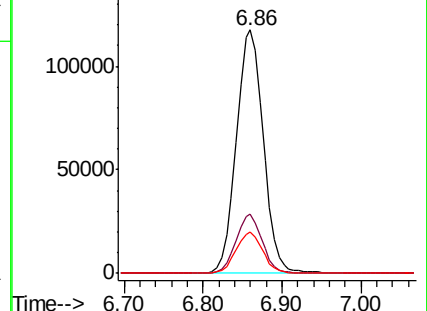
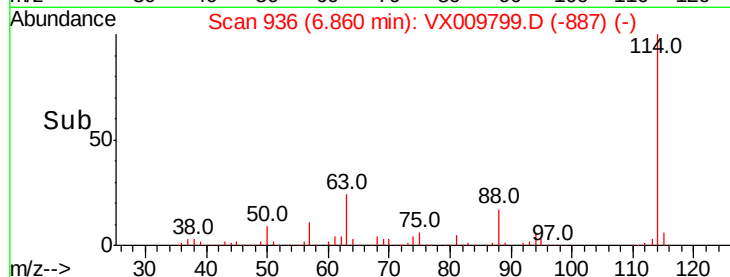
88 17.1 0.0 33.2



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: 48.945 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009799.D

Acq: 22 May 2019 13:13

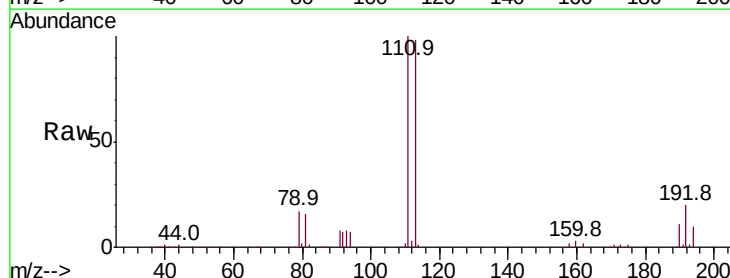
Tgt Ion:113 Resp: 86132

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

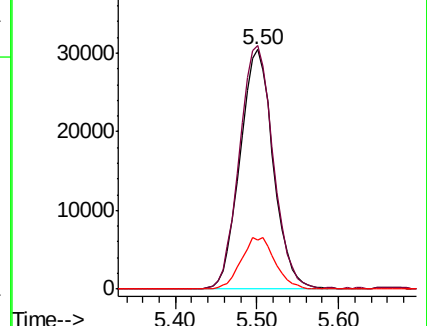
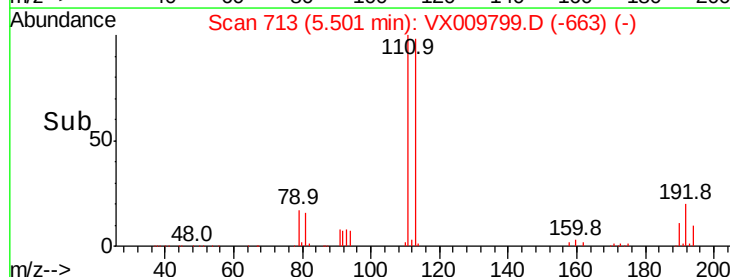
192 22.0 17.0 25.6

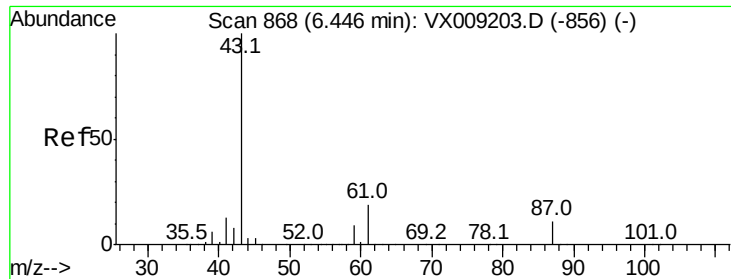


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.968 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009799.D

Acq: 22 May 2019 13:13

Instrument :

MSVOA_X

ClientSampled :

TP-11-D

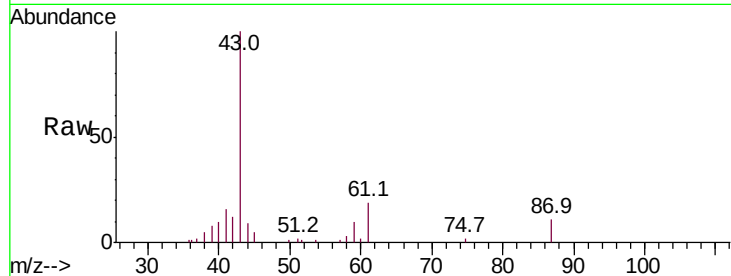
Tot Ion: 43 Resp: 11411

Ion Ratio Lower Upper

43 100

61 19.0 15.1 22.7

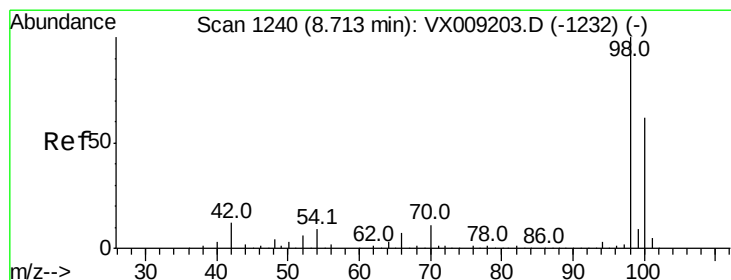
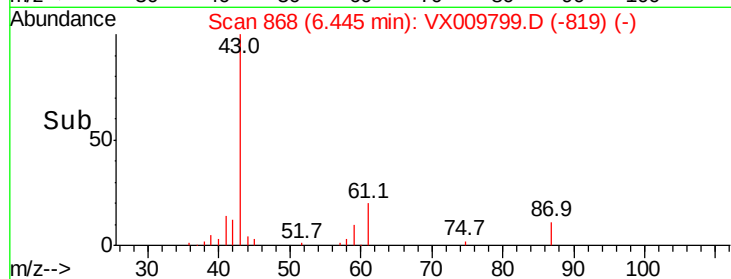
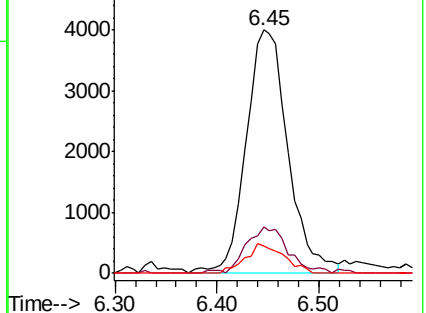
87 11.1 9.0 13.6



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: 50.554 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009799.D

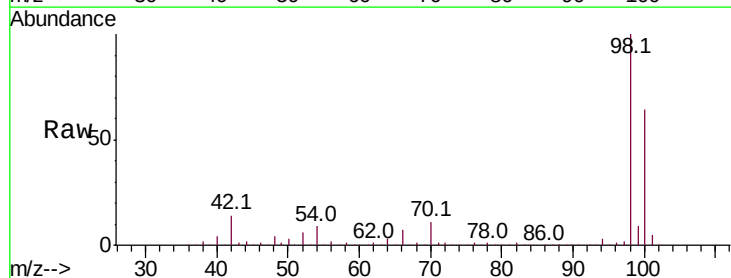
Acq: 22 May 2019 13:13

Tgt Ion: 98 Resp: 359168

Ion Ratio Lower Upper

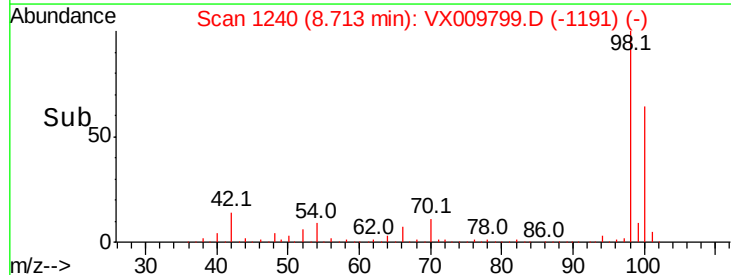
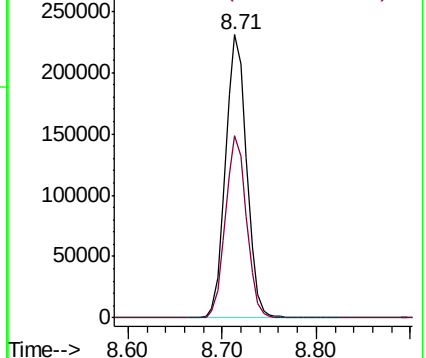
98 100

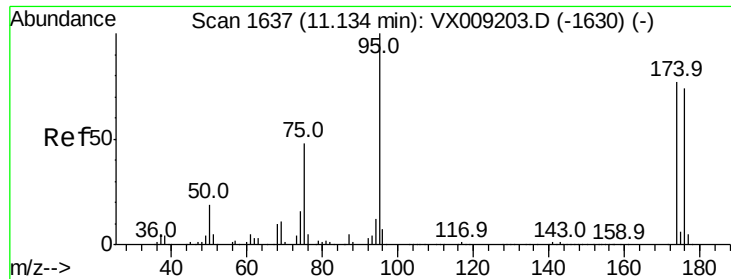
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 45.966 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009799.D

Acq: 22 May 2019 13:13

Instrument :

MSVOA_X

ClientSampleId :

TP-11-D

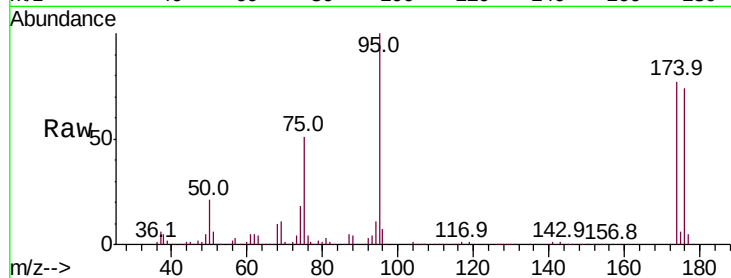
Tot Ion: 95 Resp: 118664

Ion Ratio Lower Upper

95 100

174 81.5 0.0 161.6

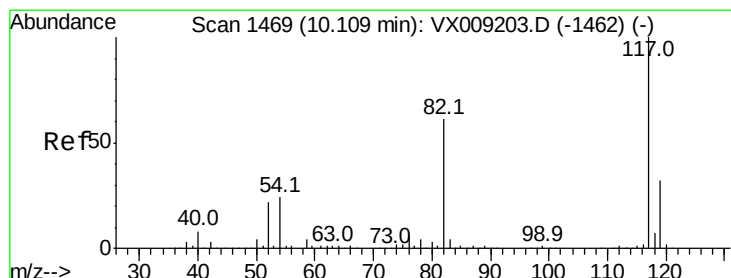
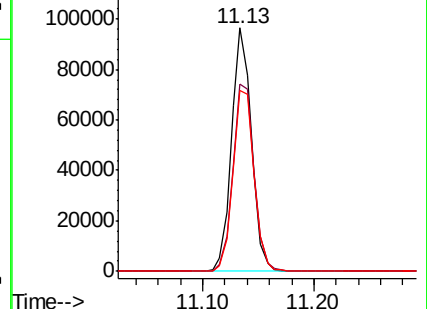
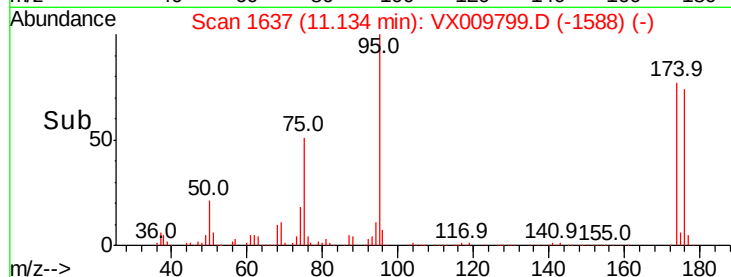
176 79.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009799.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009799.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009799.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009799.D

Acq: 22 May 2019 13:13

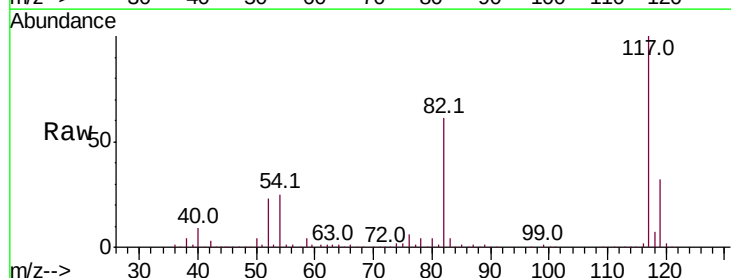
Tgt Ion: 117 Resp: 251159

Ion Ratio Lower Upper

117 100

82 60.7 48.8 73.2

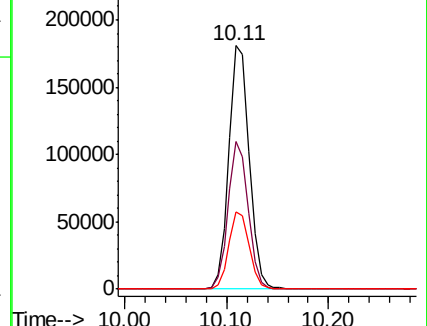
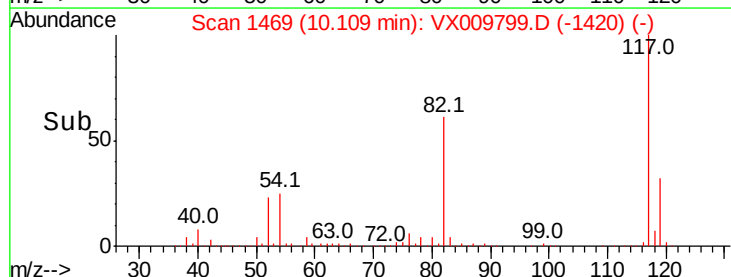
119 31.6 25.8 38.6

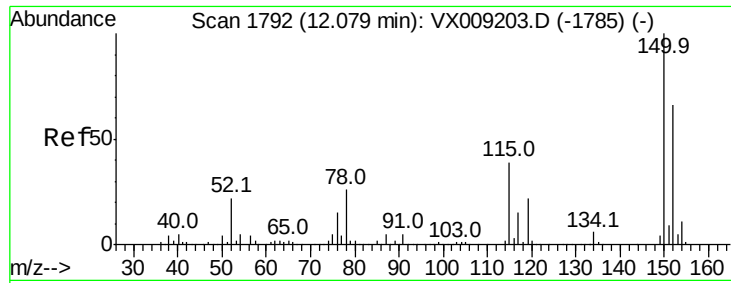


Abundance Ion 116.90 (116.60 to 117.60): VX009799.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009799.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009799.D (-1420) (-)

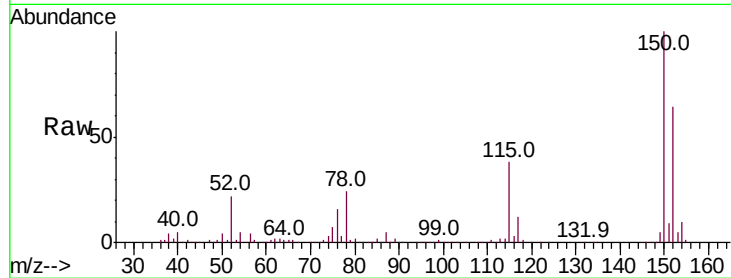




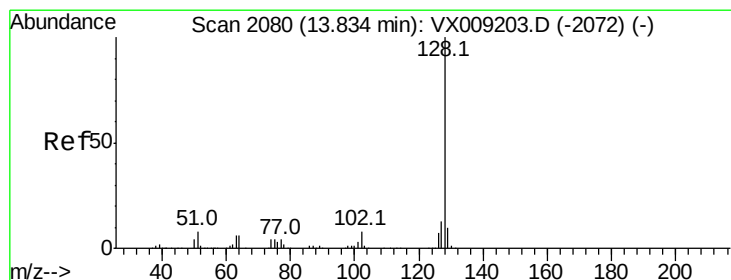
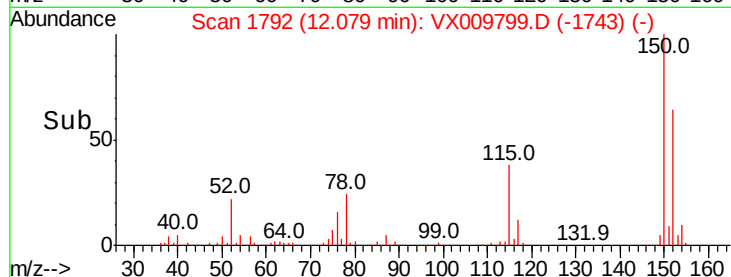
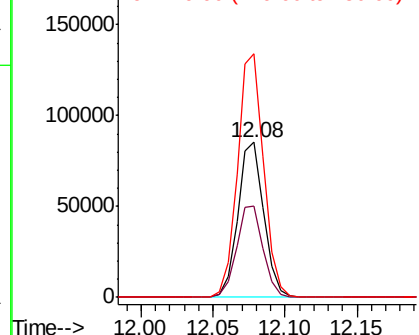
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX009799.D
 Acq: 22 May 2019 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11-D

Tot Ion:152 Resp: 107173
 Ion Ratio Lower Upper
 152 100
 115 60.1 41.2 123.6
 150 158.4 0.0 346.4

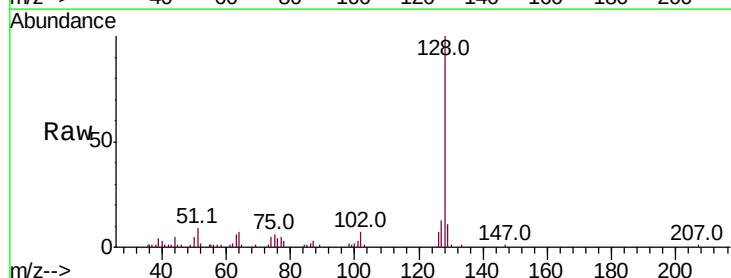


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 1.390 ug/l
 RT: 13.83 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX009799.D
 Acq: 22 May 2019 13:13

Tgt Ion:128 Resp: 10858
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

