

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009277.D
 Acq On : 02 May 2019 16:51
 Operator : JC/SP
 Sample : K2659-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z5-TB02-190429

Quant Time: May 03 11:23:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	308922	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113300	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	125623	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	93453	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	381583	48.67	ug/l	0.00
Spiked Amount			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.13	95	127989	44.93	ug/l	0.00
Spiked Amount			Recovery	=	89.86%	

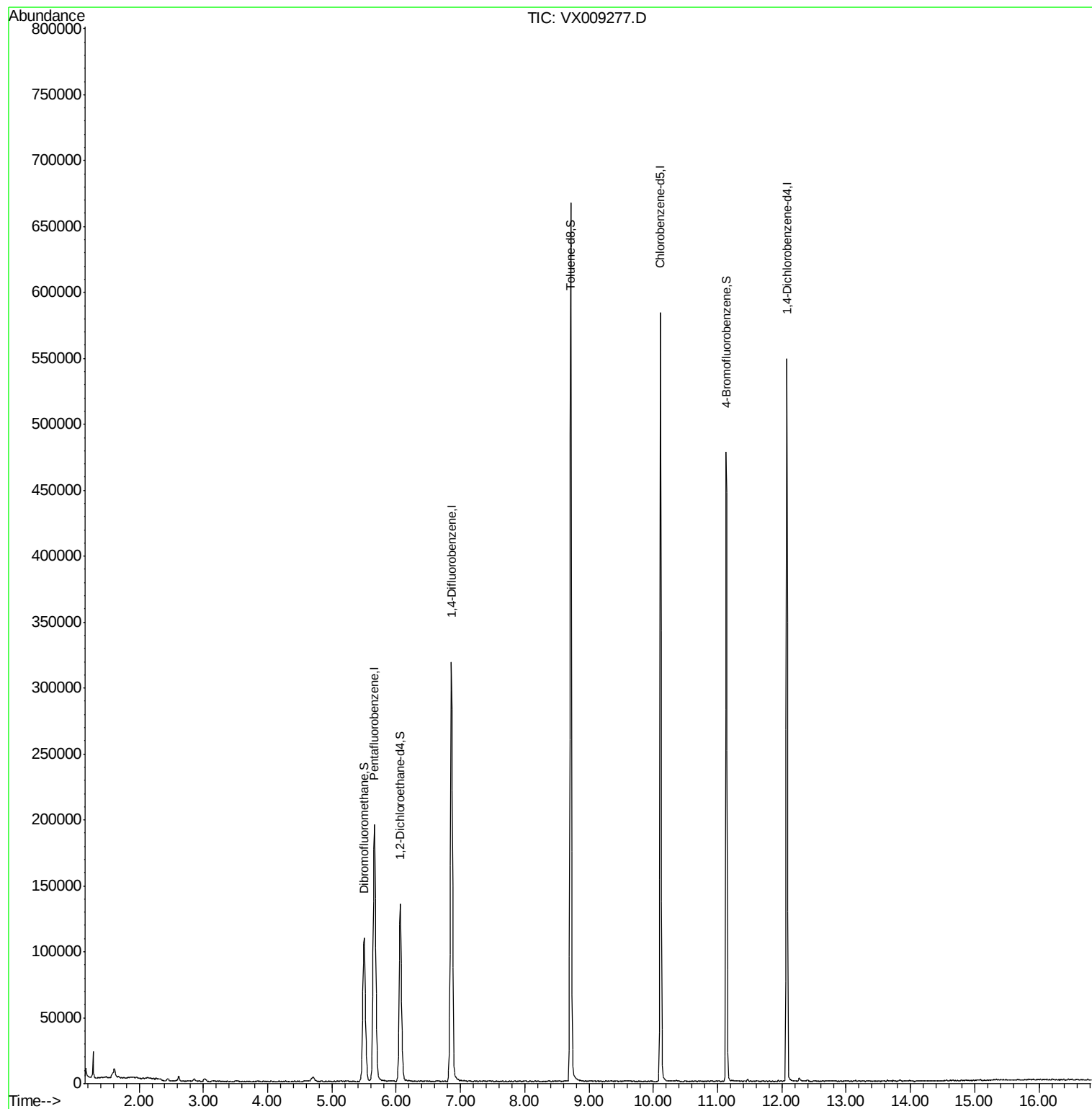
Target Compounds	Qvalue
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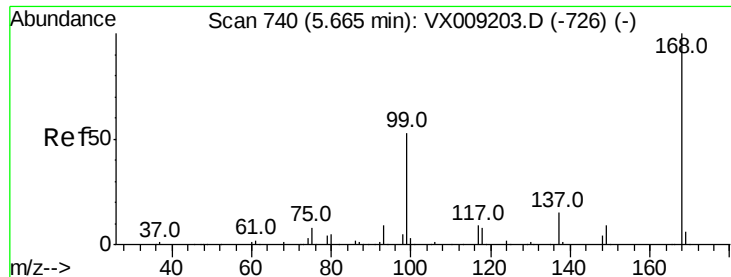
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009277.D

Acq: 02 May 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

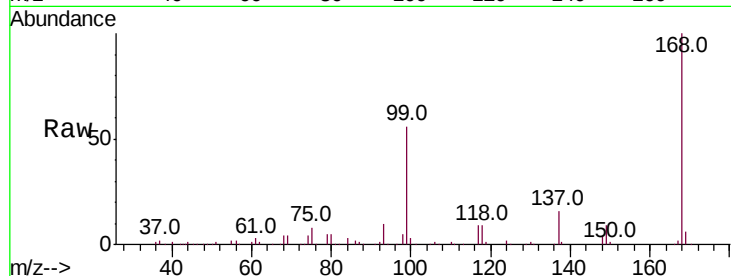
Z5-TB02-190429

Tot Ion:168 Resp: 190107

Ion Ratio Lower Upper

168 100

99 55.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

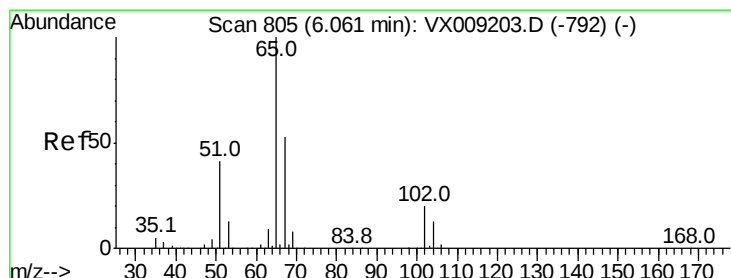
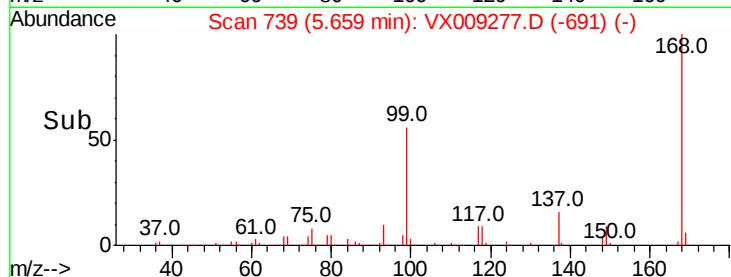
40000

20000

0

5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.406 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009277.D

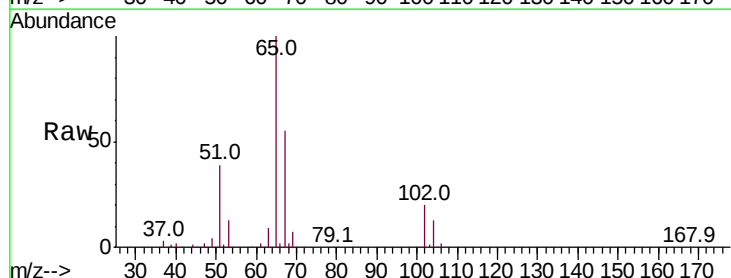
Acq: 02 May 2019 16:51

Tgt Ion: 65 Resp: 125623

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

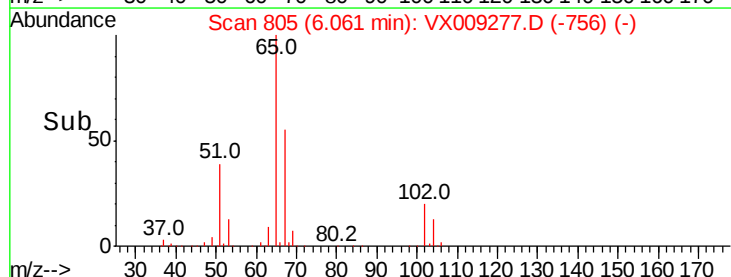
20000

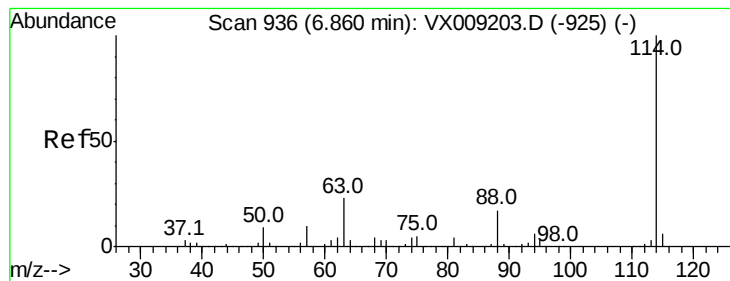
10000

0

6.00 6.10 6.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009277.D

Acq: 02 May 2019 16:51

Instrument :

MSVOA_X

ClientSampleId :

Z5-TB02-190429

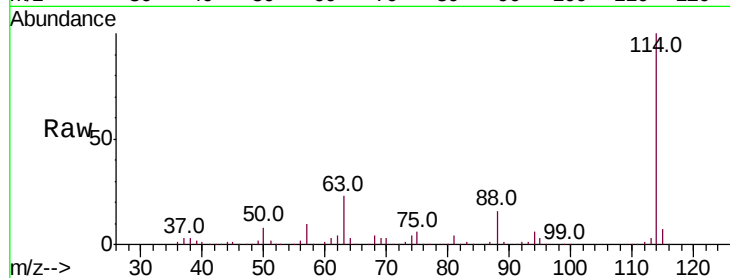
Tot Ion:114 Resp: 308922

Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.6

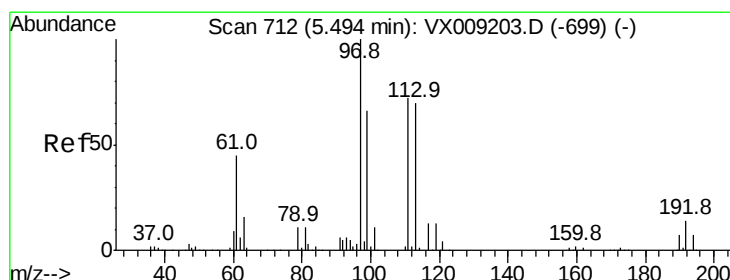
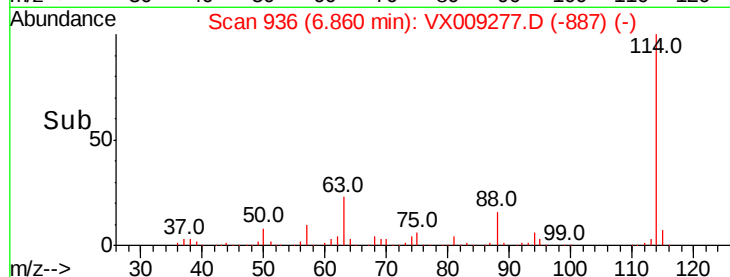
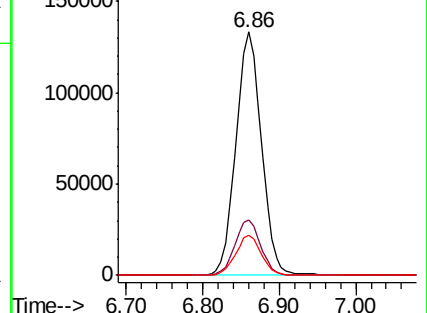
88 16.4 0.0 33.2



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: 48.122 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009277.D

Acq: 02 May 2019 16:51

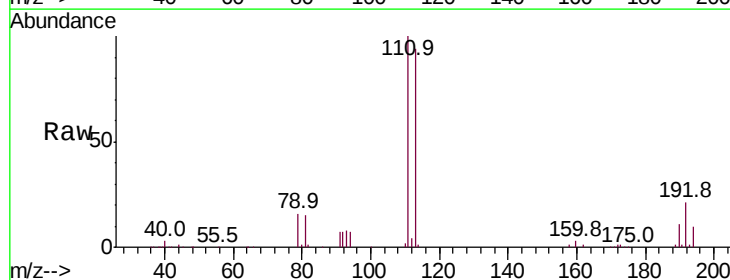
Tgt Ion:113 Resp: 93453

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

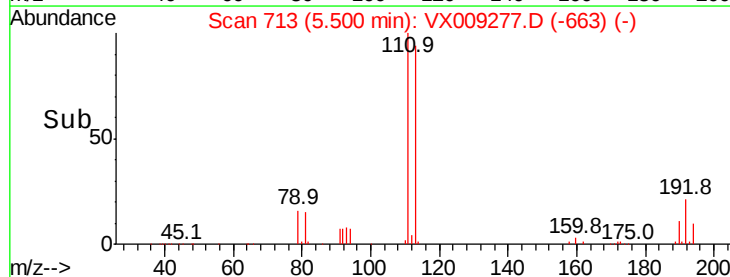
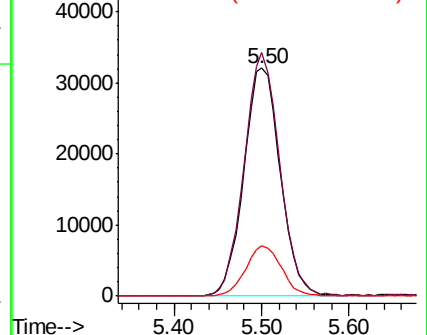
192 21.7 17.0 25.6

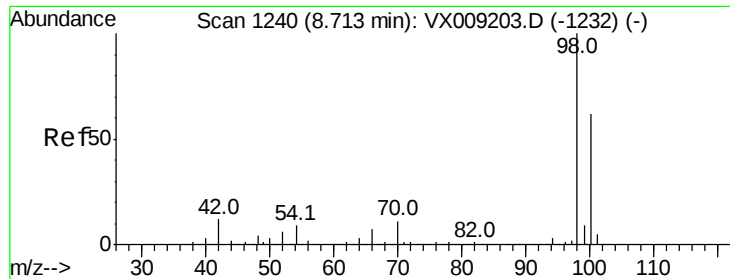


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

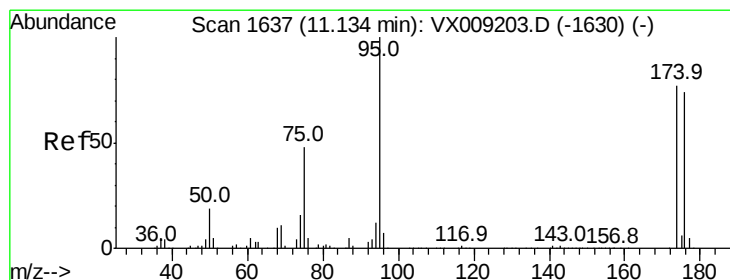
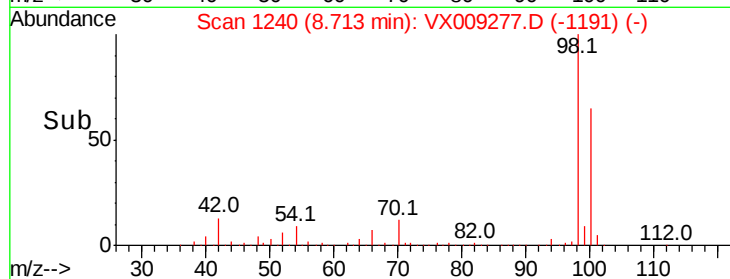
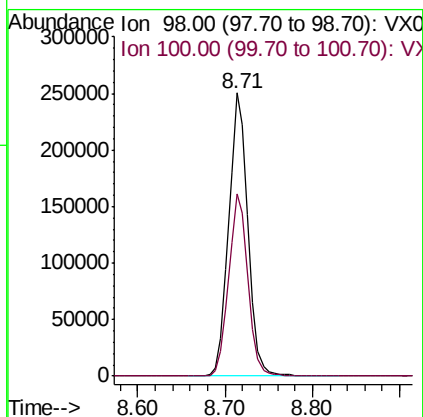
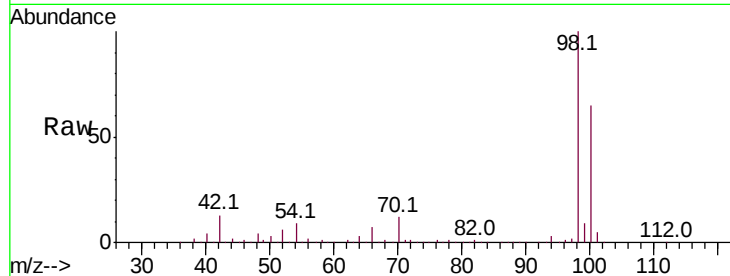




#50
Toluene-d8
Concen: 48.669 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009277.D
Acq: 02 May 2019 16:51

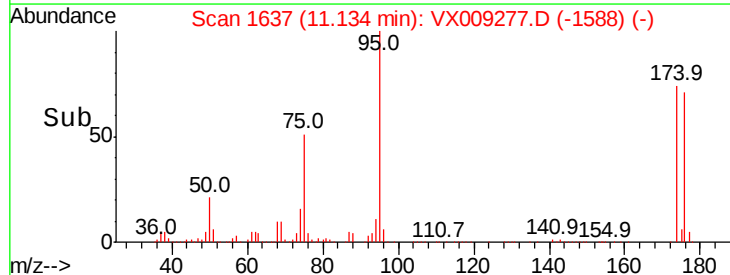
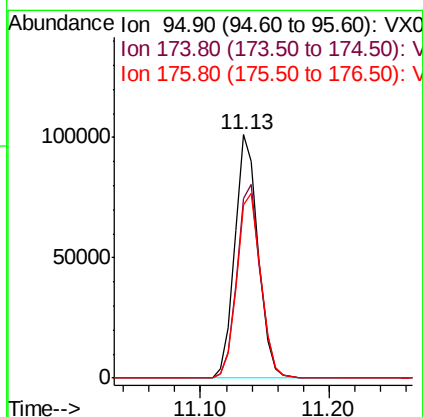
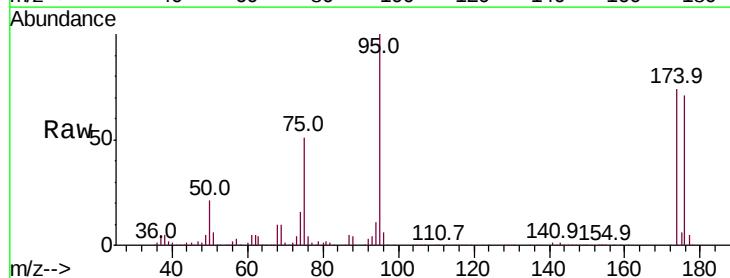
Instrument :
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Z5-TB02-190429

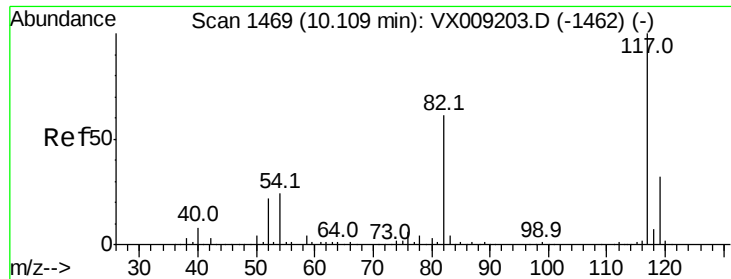
Tot Ion: 98 Resp: 381583
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 44.926 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009277.D
Acq: 02 May 2019 16:51

Tgt Ion: 95 Resp: 127989
Ion Ratio Lower Upper
95 100
174 80.0 0.0 161.6
176 77.8 0.0 159.2

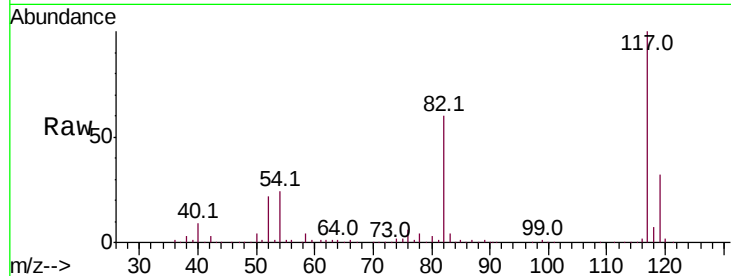




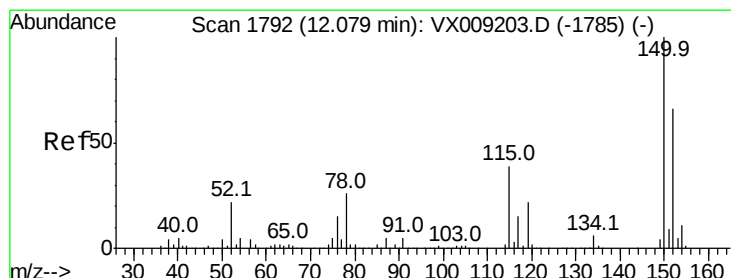
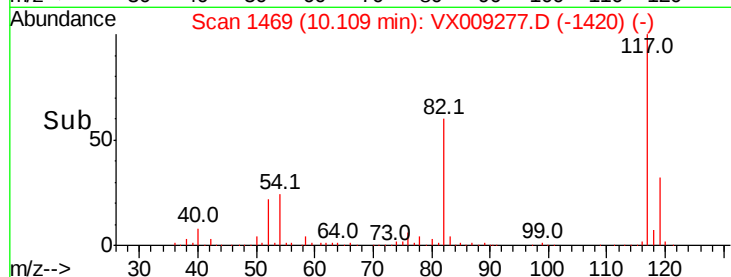
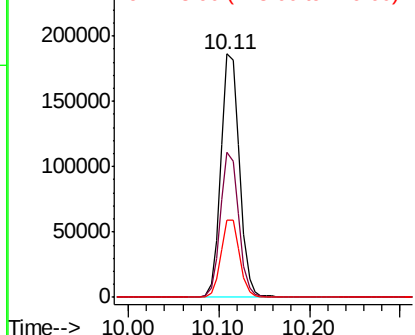
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009277.D
Acq: 02 May 2019 16:51

Instrument :
MSVOA_X
ClientSampleId :
Z5-TB02-190429

Tot Ion:117 Resp: 267183
Ion Ratio Lower Upper
117 100
82 59.6 48.8 73.2
119 31.8 25.8 38.6

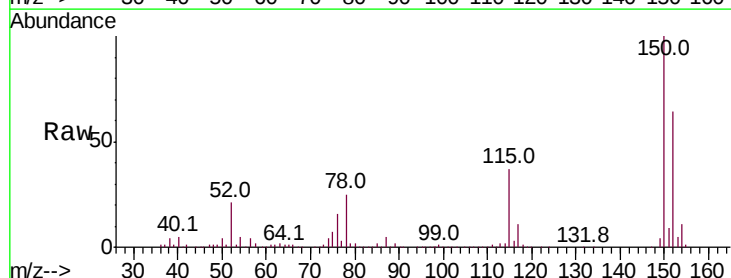


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009277.D
Acq: 02 May 2019 16:51

Tgt Ion:152 Resp: 113300
Ion Ratio Lower Upper
152 100
115 58.5 41.2 123.6
150 158.0 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

