

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010803.D
 Acq On : 11 Jul 2019 13:40
 Operator : JC/SP
 Sample : K3749-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB071019

Quant Time: Jul 12 09:43:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	386584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	351985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166693	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	128916	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
35) Dibromofluoromethane	5.50	113	118735	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	8.71	98	461546	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.13	95	161616	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	

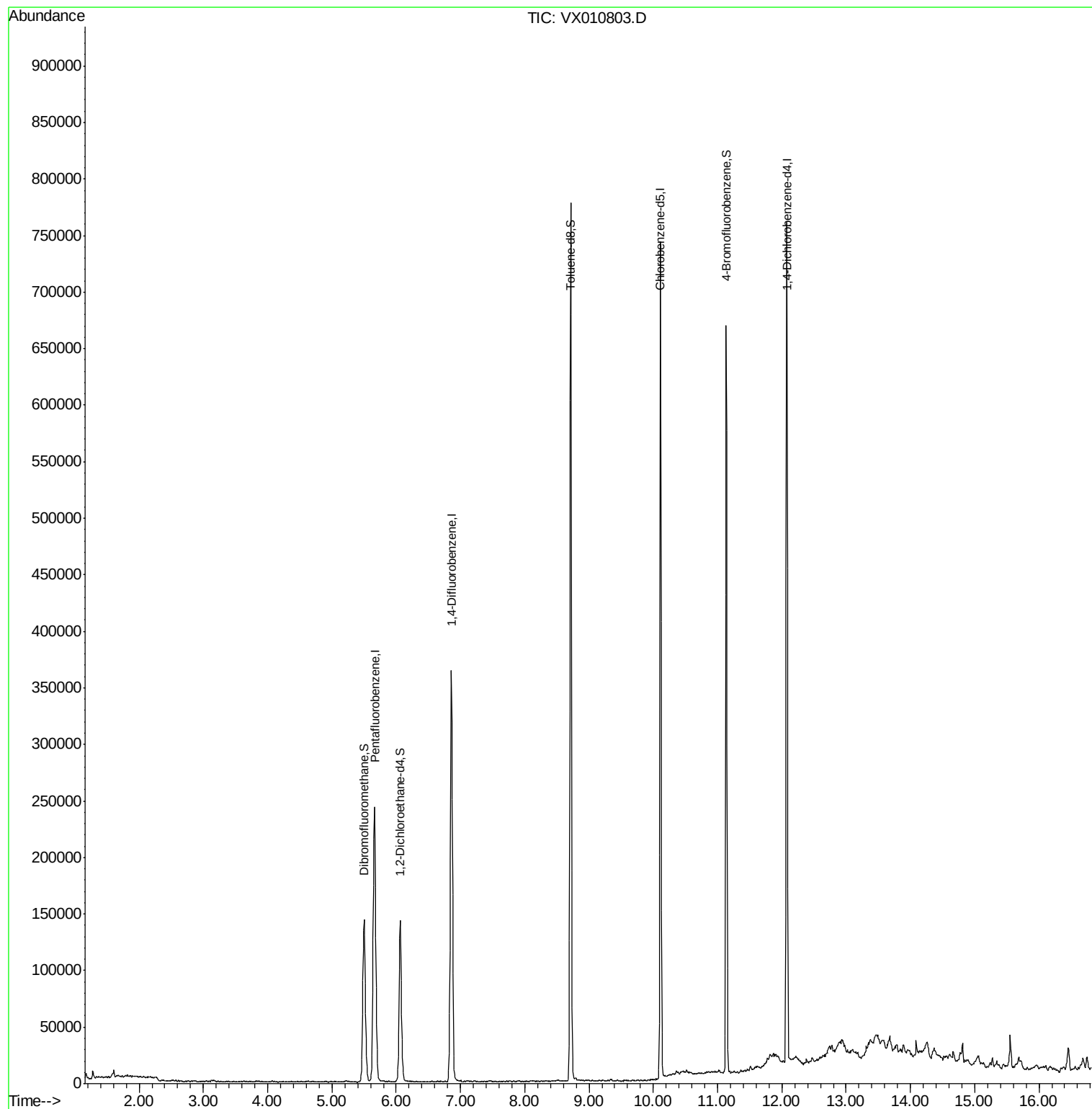
Target Compounds	Qvalue
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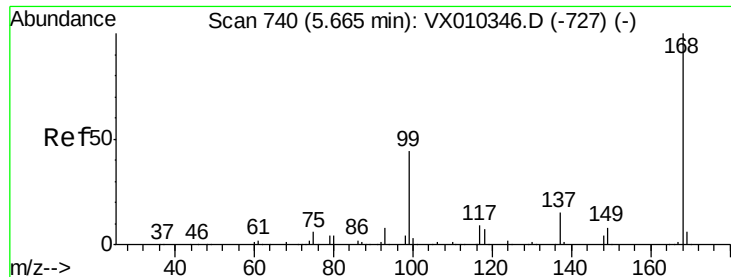
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX010803.D

Acq: 11 Jul 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

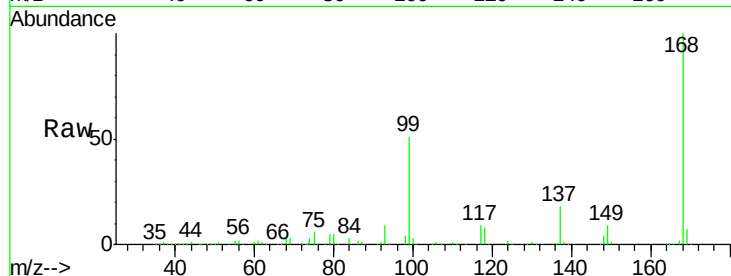
TB071019

Tot Ion:168 Resp: 249031

Ion Ratio Lower Upper

168 100

99 50.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

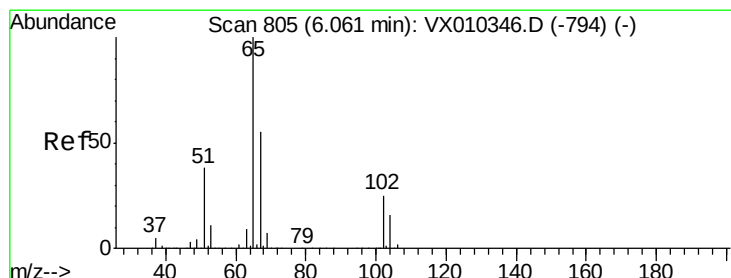
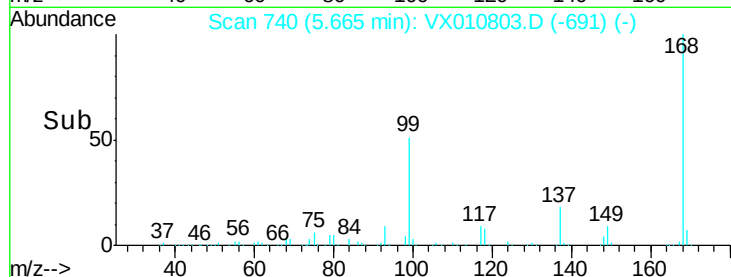
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 55.212 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010803.D

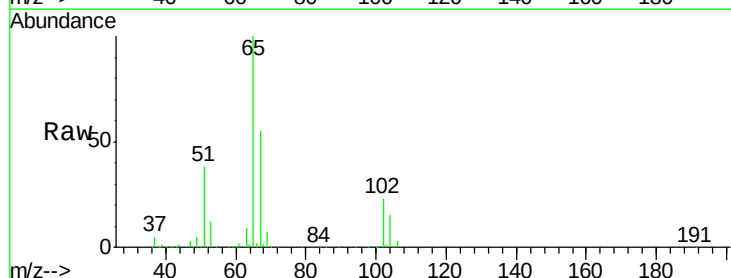
Acq: 11 Jul 2019 13:40

Tgt Ion: 65 Resp: 128916

Ion Ratio Lower Upper

65 100

67 53.8 0.0 110.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

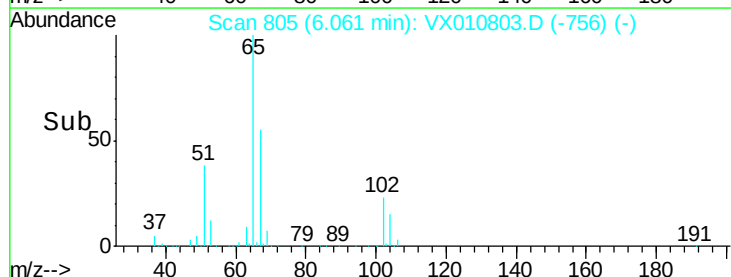
30000

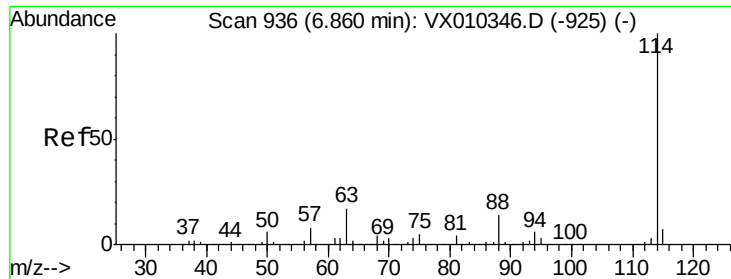
20000

10000

0

Time--> 6.00 6.10 6.20

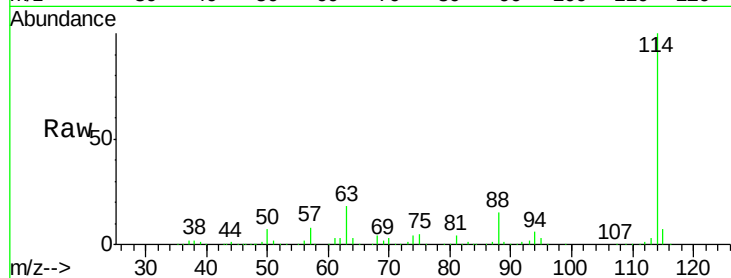




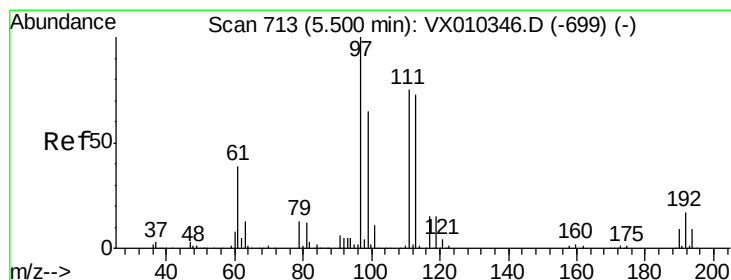
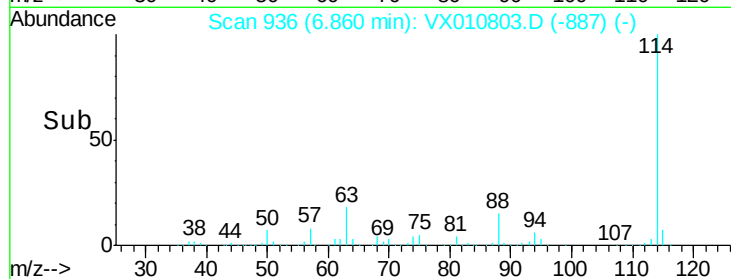
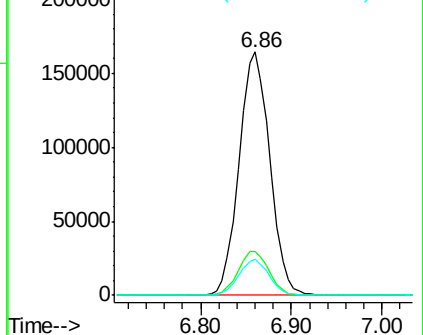
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010803.D
 Acq: 11 Jul 2019 13:40

Instrument :
 MSVOA_X
 ClientSampleId :
 TB071019

Tot Ion:114 Resp: 386584
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 33.8
 88 15.1 0.0 27.6

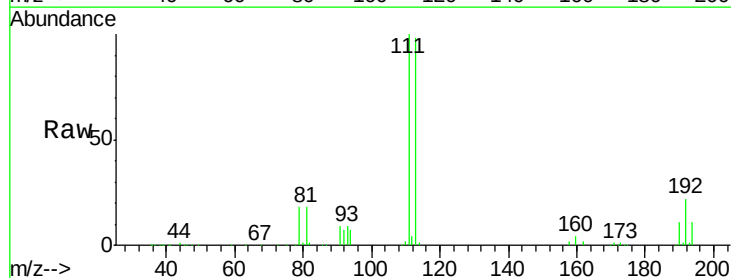


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

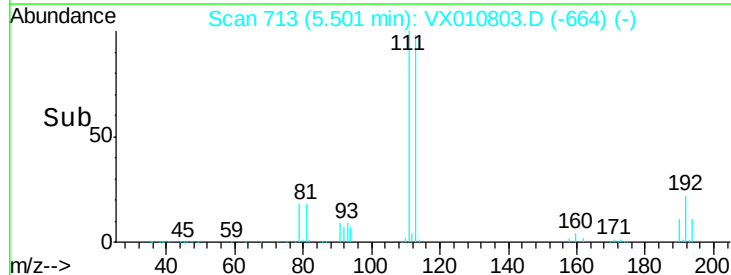
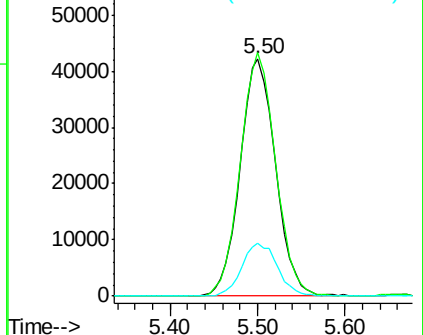


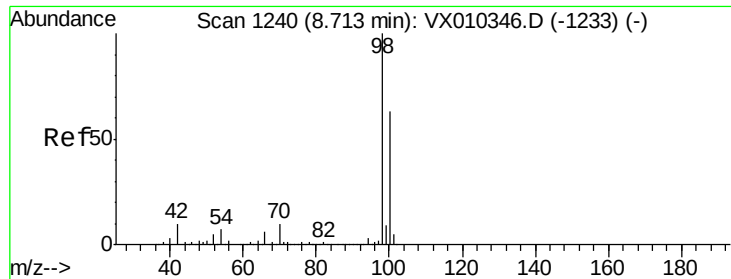
#35
 Dibromofluoromethane
 Concen: 50.200 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010803.D
 Acq: 11 Jul 2019 13:40

Tgt Ion:113 Resp: 118735
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.2 121.8
 192 22.6 18.6 27.8



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: 51.005 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010803.D

Acq: 11 Jul 2019 13:40

Instrument :

MSVOA_X

ClientSampleId :

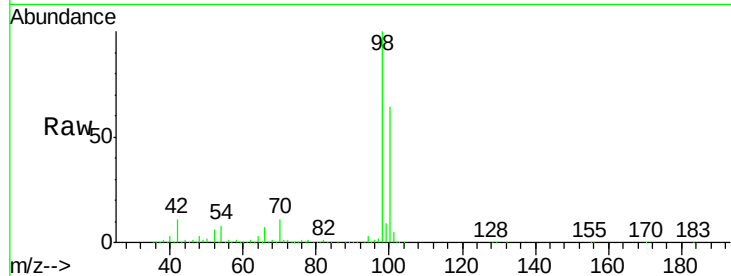
TB071019

Tot Ion: 98 Resp: 461546

Ion Ratio Lower Upper

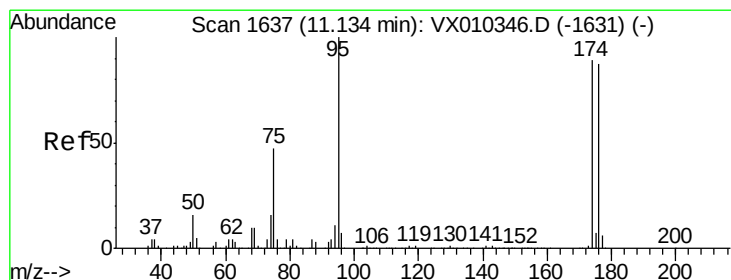
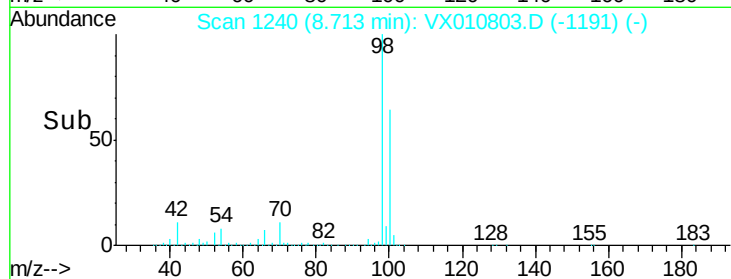
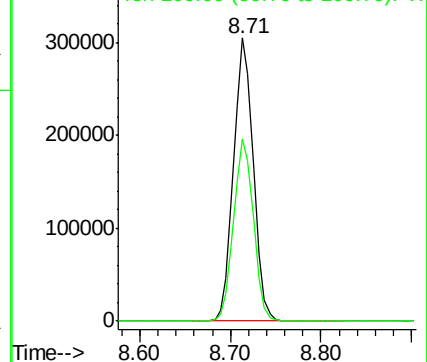
98 100

100 64.6 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 49.470 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010803.D

Acq: 11 Jul 2019 13:40

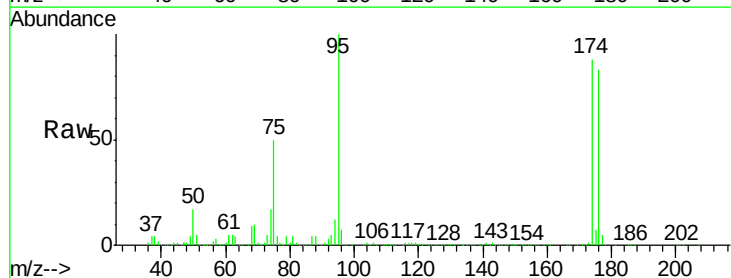
Tgt Ion: 95 Resp: 161616

Ion Ratio Lower Upper

95 100

174 92.3 0.0 187.6

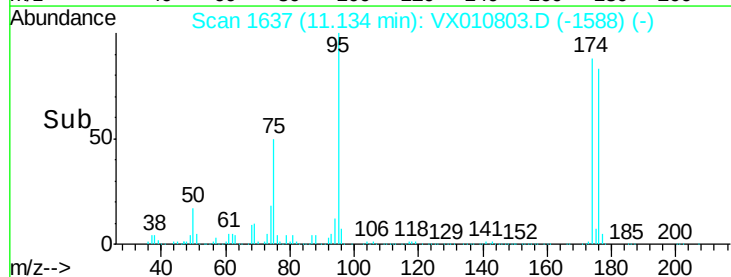
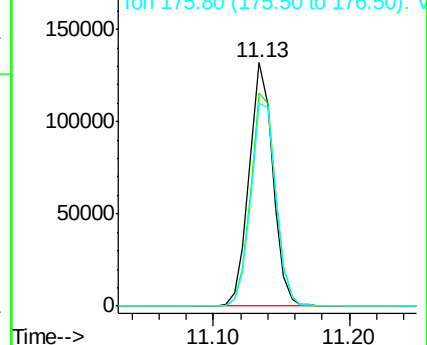
176 88.6 0.0 184.0

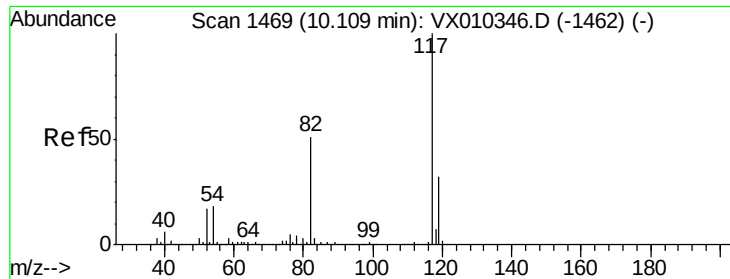


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

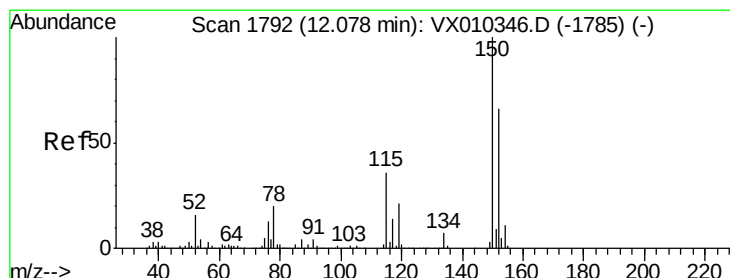
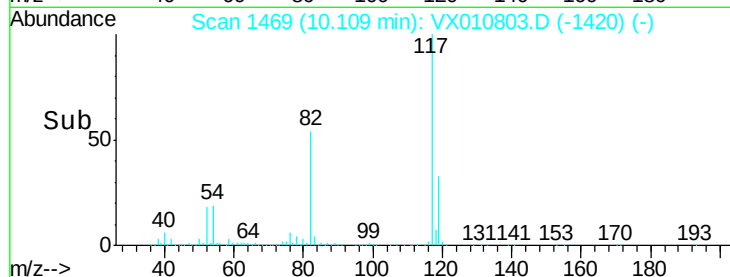
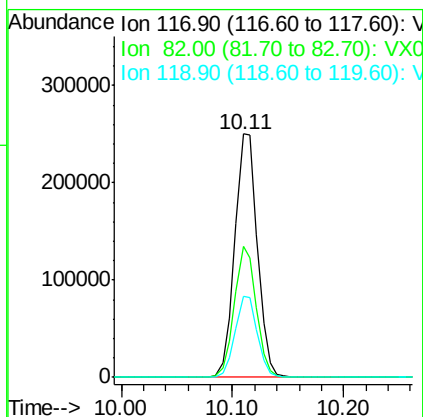
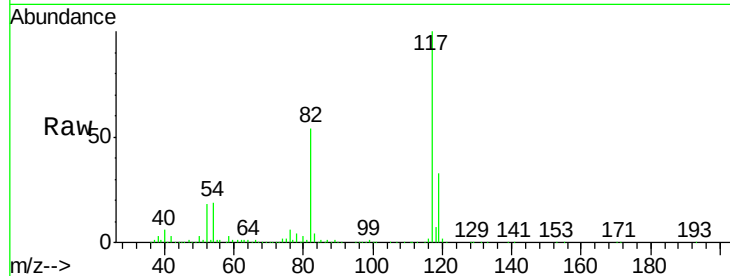




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010803.D
Acq: 11 Jul 2019 13:40

Instrument :
MSVOA_X
ClientSampleId :
TB071019

Tot Ion:117 Resp: 351985
Ion Ratio Lower Upper
117 100
82 53.6 41.2 61.8
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010803.D
Acq: 11 Jul 2019 13:40

Tgt Ion:152 Resp: 166693
Ion Ratio Lower Upper
152 100
115 56.4 38.6 115.7
150 158.2 0.0 347.4

