

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071018\
 Data File : VX003282.D
 Acq On : 10 Jul 2018 14:21
 Operator : JC/MD
 Sample : J3874-01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2018-NYSEG-MCMaster-PH4-5(0-

Quant Time: Jul 10 16:45:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	247523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	346343	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	204682	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	154894	39.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.52%	
35) Dibromofluoromethane	5.51	113	129663	34.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.70%	
50) Toluene-d8	8.72	98	485284	36.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.44%	
62) 4-Bromofluorobenzene	11.14	95	180335	36.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.86%	

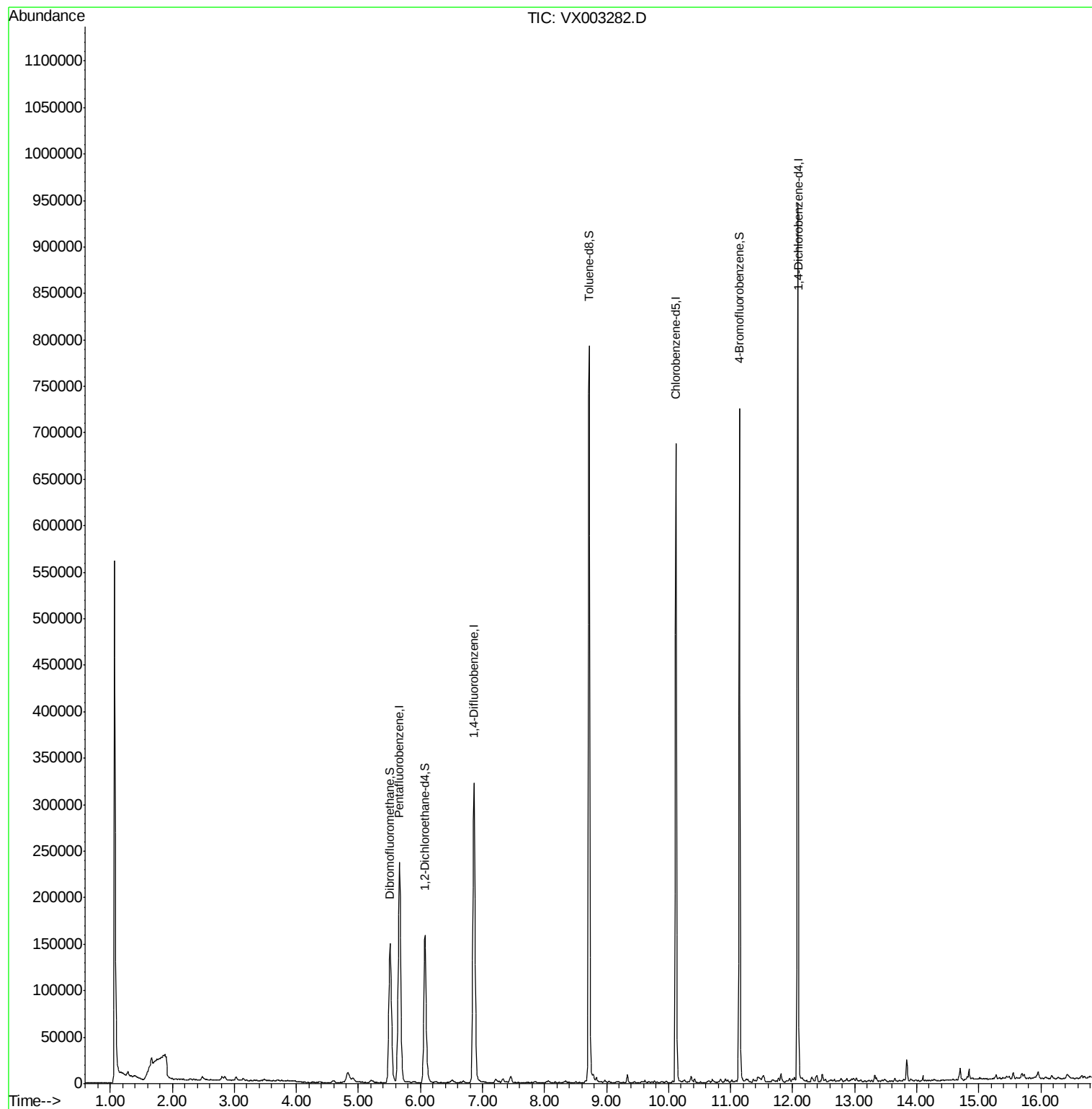
Target Compounds	Qvalue

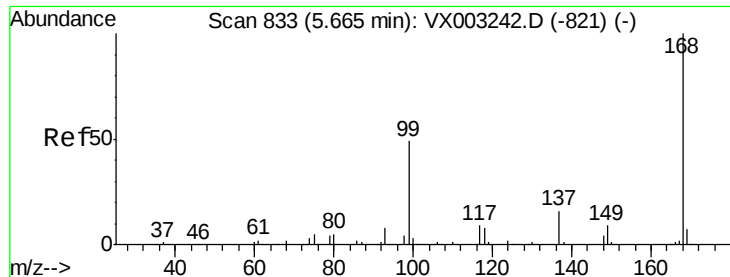
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX003282.D

Acq: 10 Jul 2018 14:21

Instrument :

MSVOA_X

ClientSampleId :

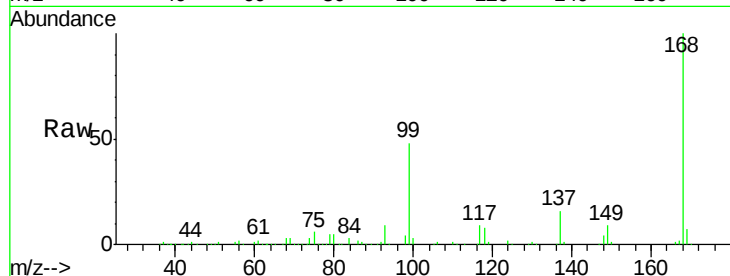
2018-NYSEG-MCMaster-PH4-5(0-

Tot Ion:168 Resp: 247523

Ion Ratio Lower Upper

168 100

99 48.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

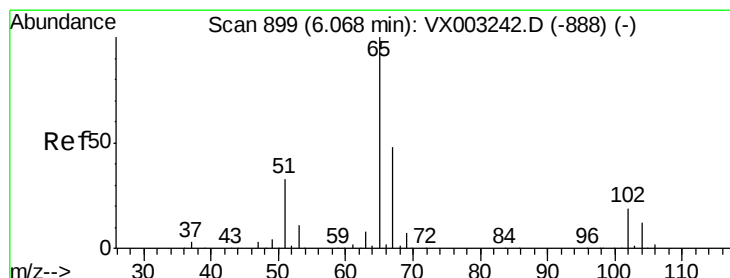
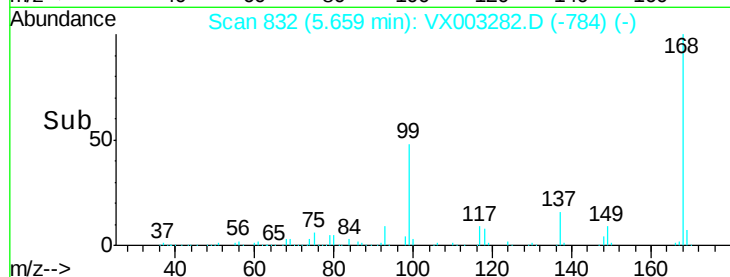
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 39.76 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003282.D

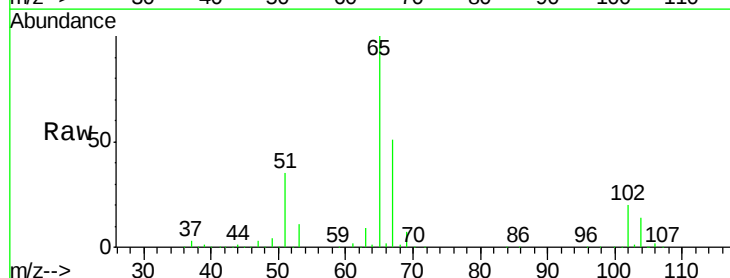
Acq: 10 Jul 2018 14:21

Tgt Ion: 65 Resp: 154894

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

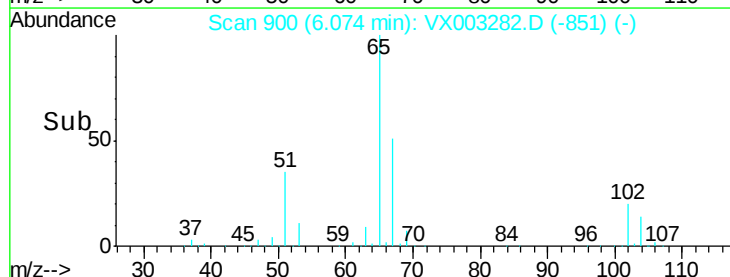
60000

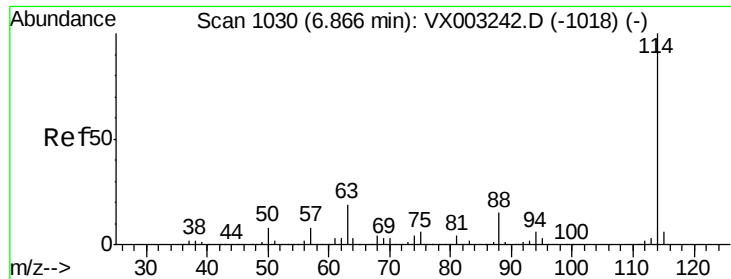
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

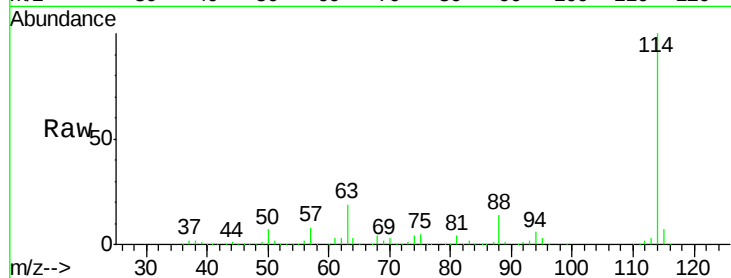




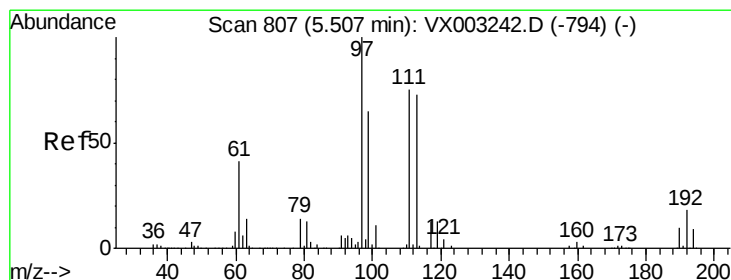
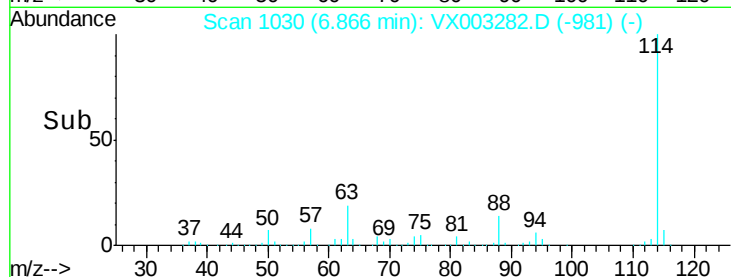
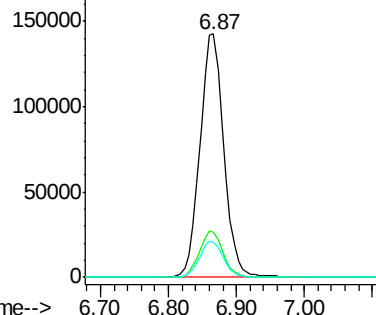
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003282.D
Acq: 10 Jul 2018 14:21

Instrument :
MSVOA_X
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(0-

Tot Ion:114 Resp: 346343
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.4
88 14.4 0.0 30.0

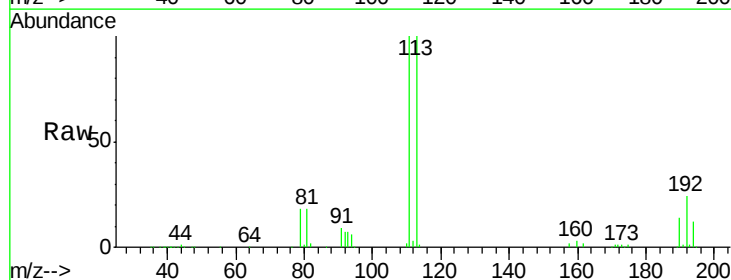


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

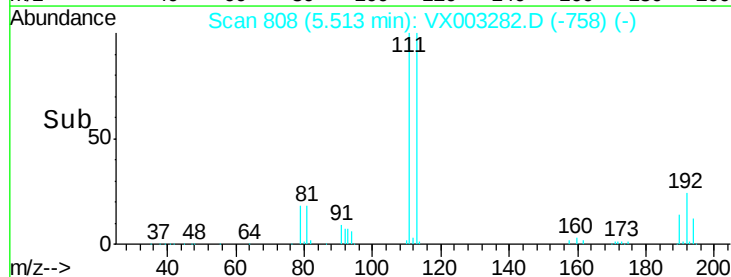
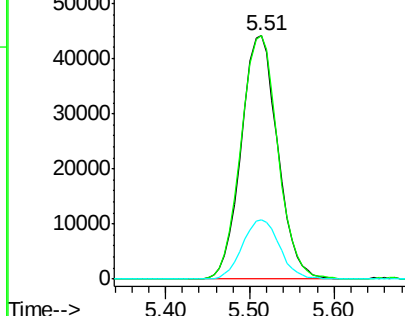


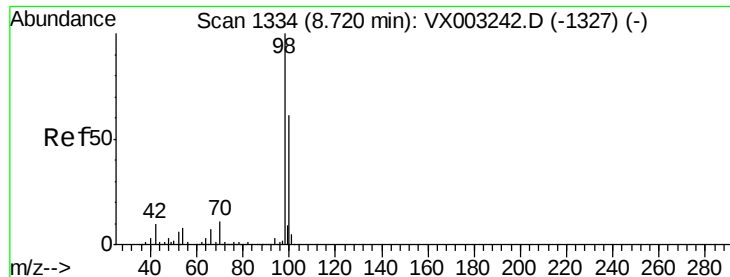
#35
Dibromofluoromethane
Concen: 34.85 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX003282.D
Acq: 10 Jul 2018 14:21

Tgt Ion:113 Resp: 129663
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 24.9 19.1 28.7



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: 36.72 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003282.D

Acq: 10 Jul 2018 14:21

Instrument :

MSVOA_X

ClientSampleId :

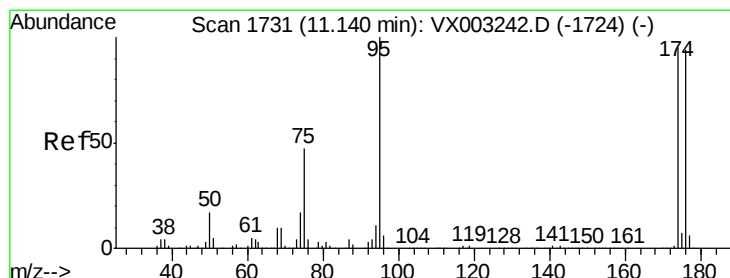
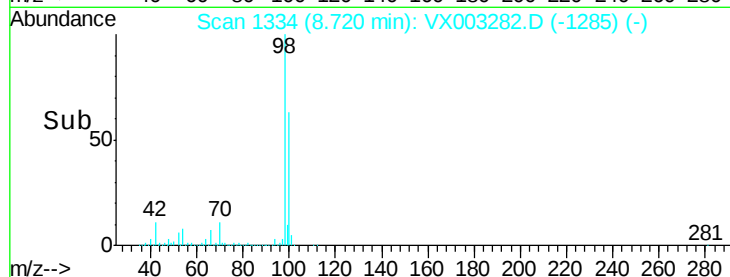
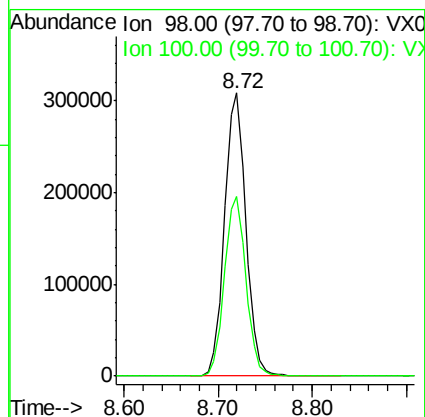
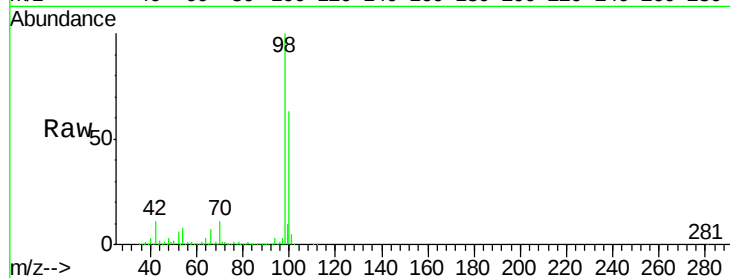
2018-NYSEG-MCMaster-PH4-5(0-

Tot Ion: 98 Resp: 485284

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 36.93 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003282.D

Acq: 10 Jul 2018 14:21

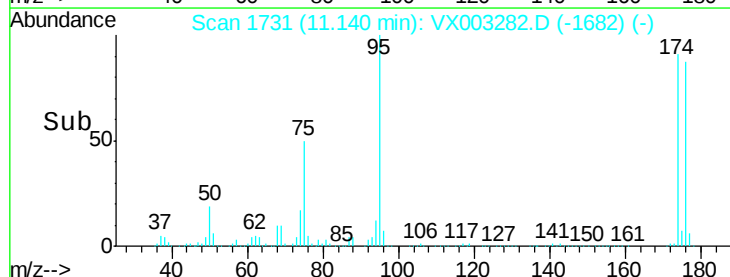
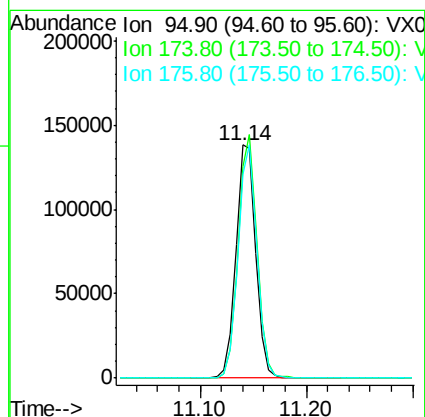
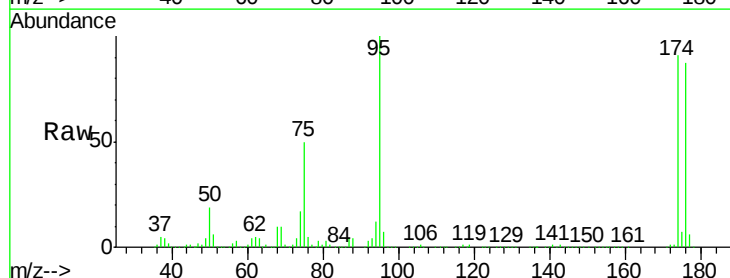
Tgt Ion: 95 Resp: 180335

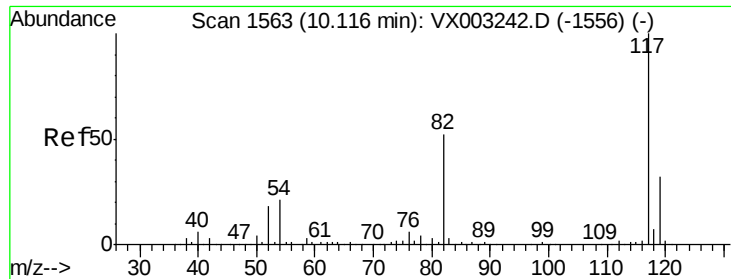
Ion Ratio Lower Upper

95 100

174 99.6 0.0 187.4

176 95.3 0.0 181.0

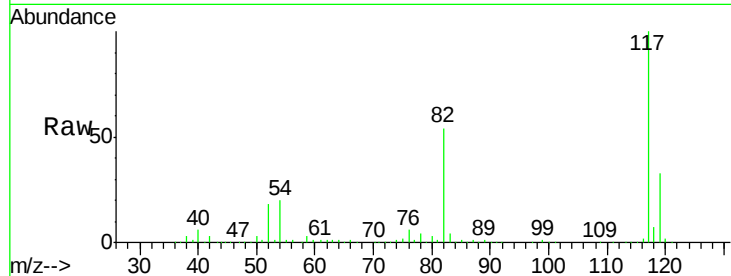




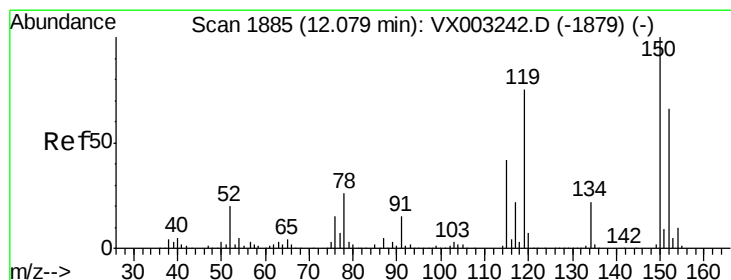
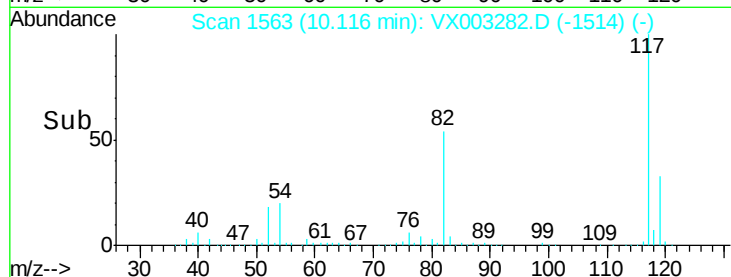
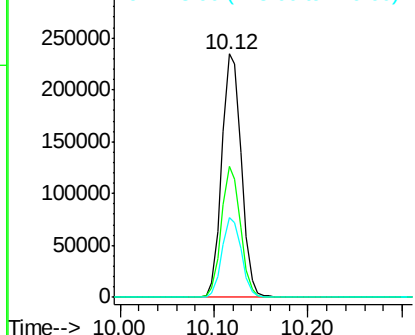
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003282.D
Acq: 10 Jul 2018 14:21

Instrument :
MSVOA_X
ClientSampleId :
2018-NYSEG-MCMaster-PH4-5(0-

Tot Ion:117 Resp: 337684
Ion Ratio Lower Upper
117 100
82 53.6 45.0 67.4
119 32.8 25.8 38.6

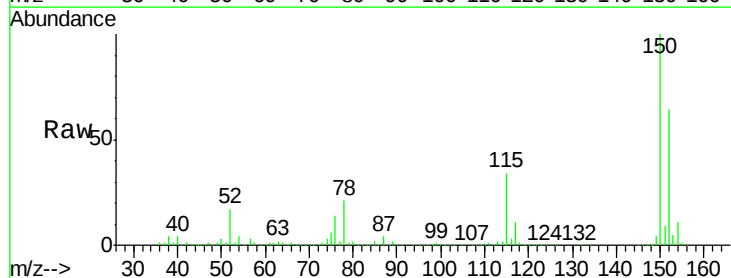


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003282.D
Acq: 10 Jul 2018 14:21

Tgt Ion:152 Resp: 204682
Ion Ratio Lower Upper
152 100
115 53.5 40.1 120.2
150 156.0 0.0 347.2



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

