

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014573.D
 Acq On : 11 Jan 2020 06:18
 Operator : JC/SP
 Sample : L1060-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

Quant Time: Jan 13 01:01:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

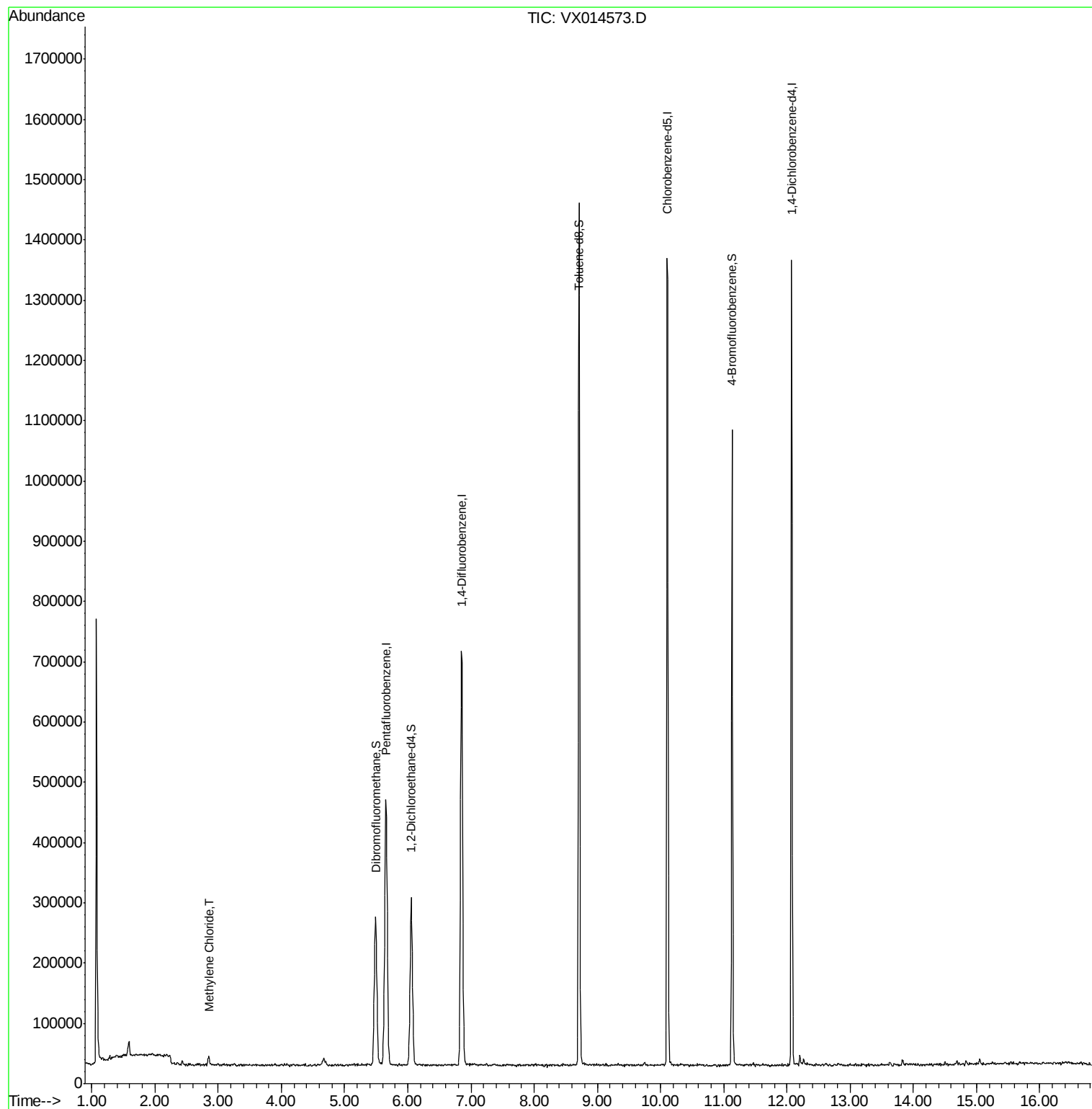
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	461801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	710913	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	630018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	285698	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	257557	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	5.49	113	215541	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	8.71	98	837014	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.14	95	277707	45.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.60%	
Target Compounds						
20) Methylene Chloride	2.85	84	7225	1.393	ug/l #	84

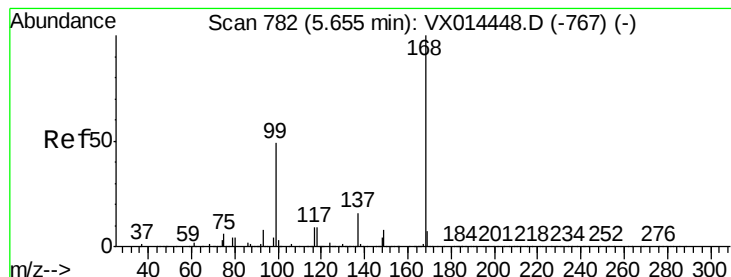
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014573.D

Acq: 11 Jan 2020 06:18

Instrument :

MSVOA_X

ClientSampleId :

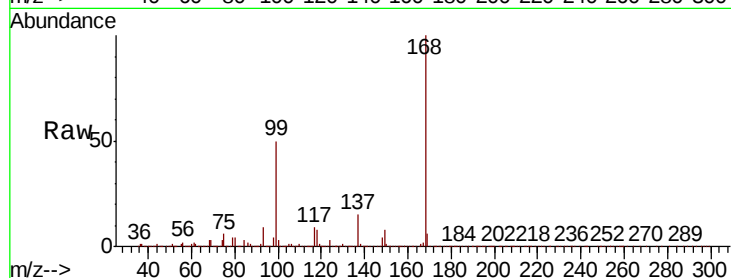
TP-3

Tot Ion:168 Resp: 461801

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

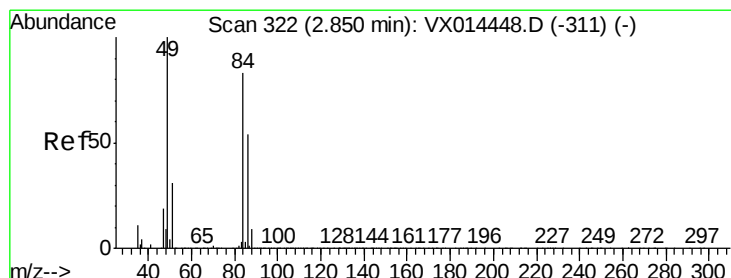
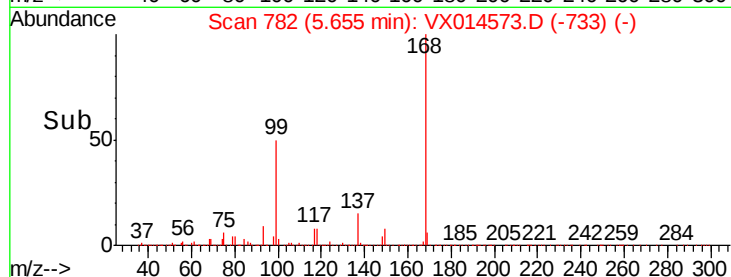
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 1.393 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014573.D

Acq: 11 Jan 2020 06:18

Tgt Ion: 84 Resp: 7225

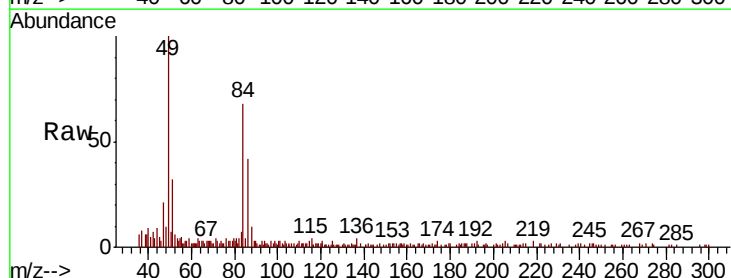
Ion Ratio Lower Upper

84 100

49 146.6 95.8 143.8#

51 41.6 30.2 45.4

86 58.4 51.8 77.6



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

8000

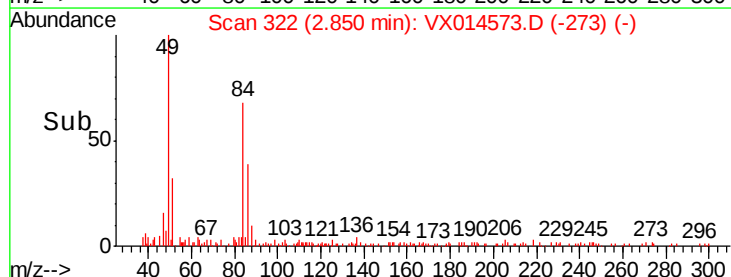
6000

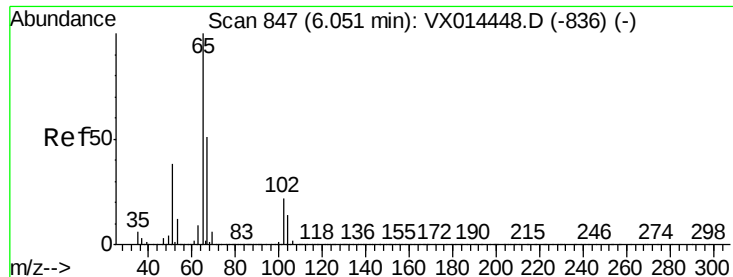
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.960 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014573.D

Acq: 11 Jan 2020 06:18

Instrument :

MSVOA_X

ClientSampled :

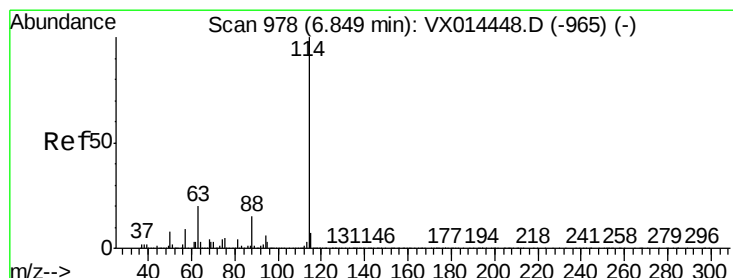
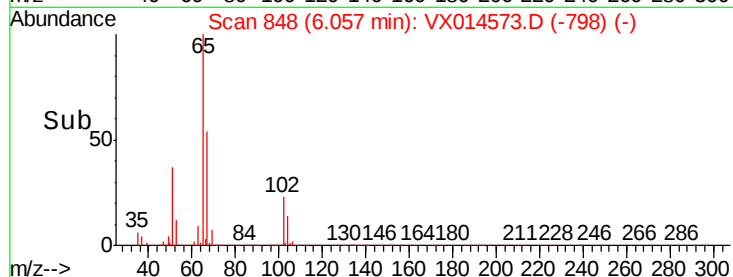
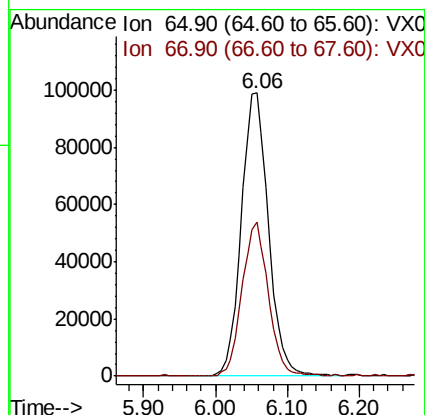
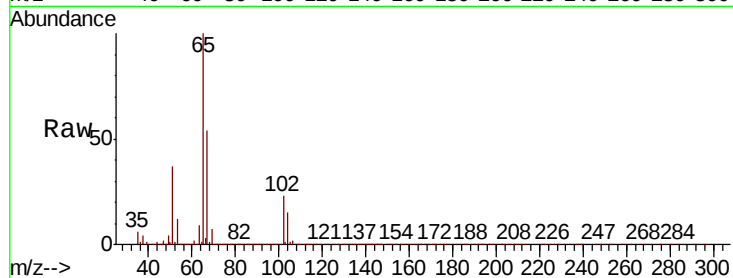
TP-3

Tot Ion: 65 Resp: 257557

Ion Ratio Lower Upper

65 100

67 52.7 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014573.D

Acq: 11 Jan 2020 06:18

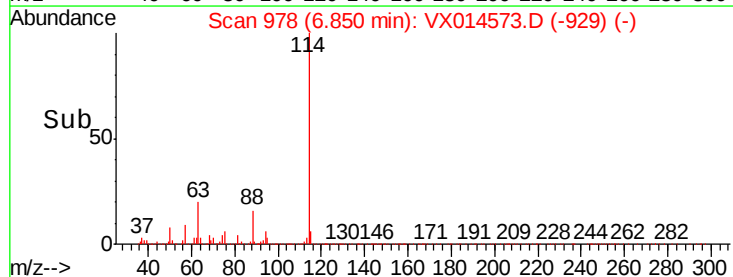
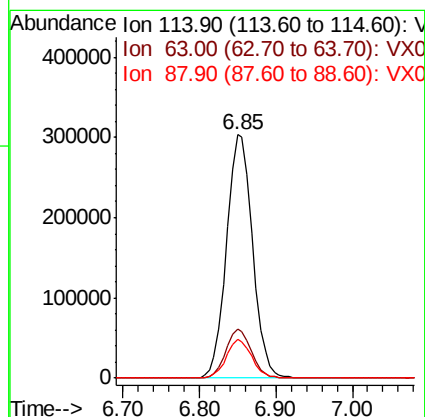
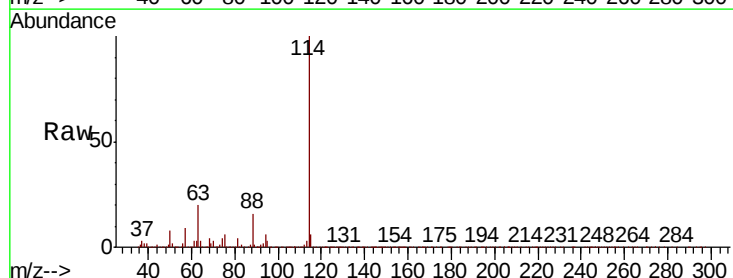
Tgt Ion: 114 Resp: 710913

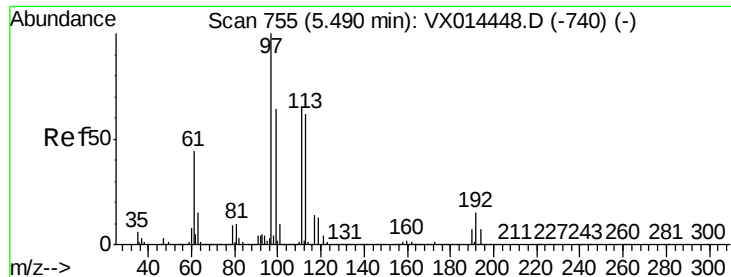
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.9 0.0 30.8

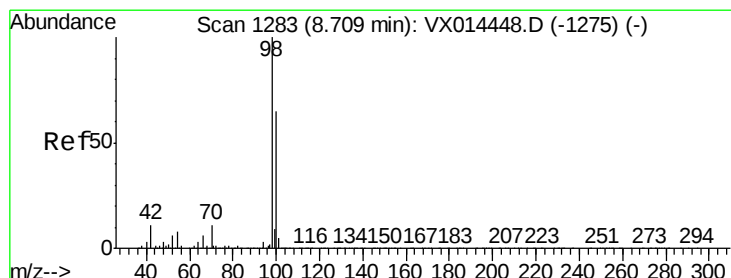
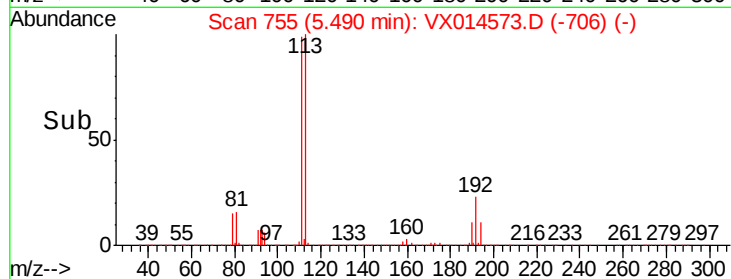
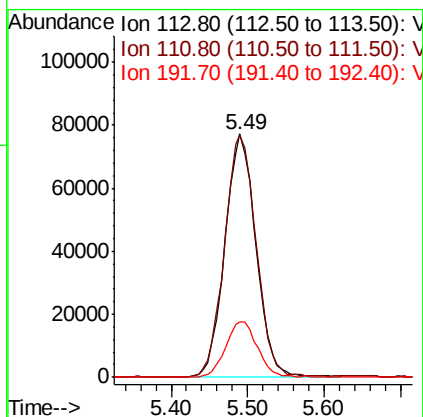
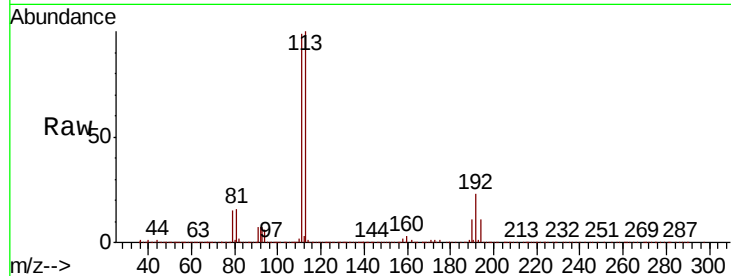




#35
 Dibromofluoromethane
 Concen: 50.085 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014573.D
 Acq: 11 Jan 2020 06:18

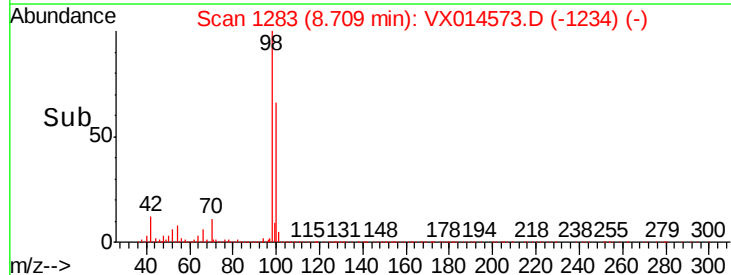
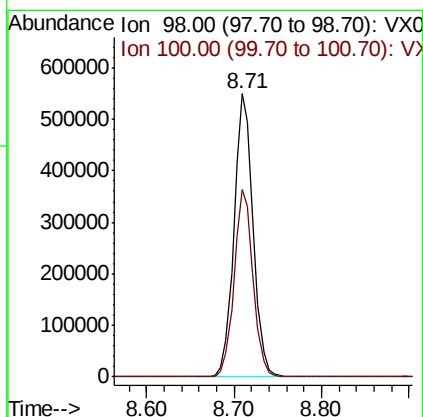
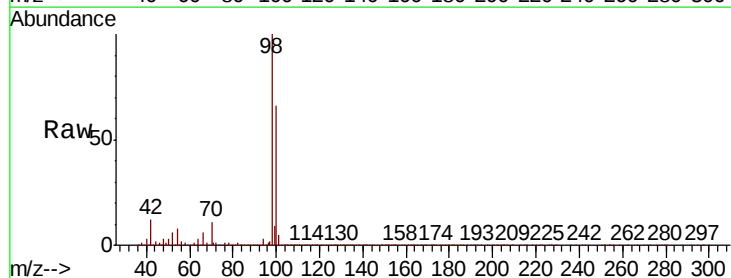
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-3

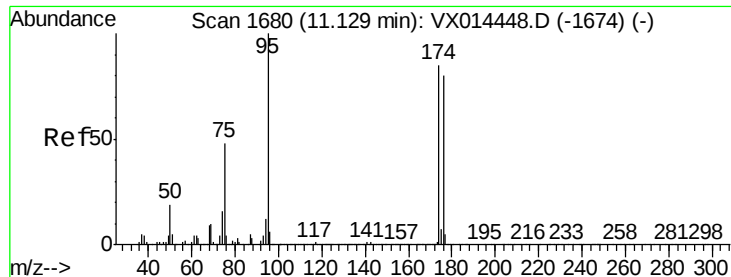
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	23.7	19.2	28.8



#50
 Toluene-d8
 Concen: 50.120 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014573.D
 Acq: 11 Jan 2020 06:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.2	79.8





#62

4-Bromofluorobenzene

Concen: 45.296 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014573.D

Acq: 11 Jan 2020 06:18

Instrument :

MSVOA_X

ClientSampled :

TP-3

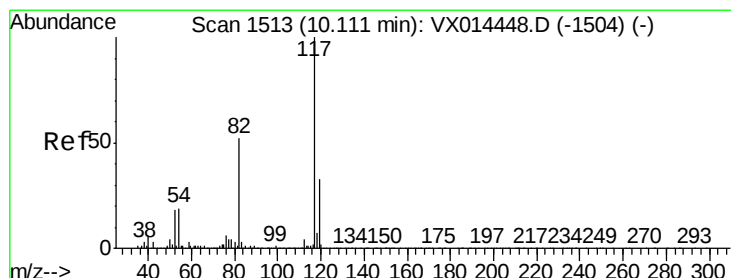
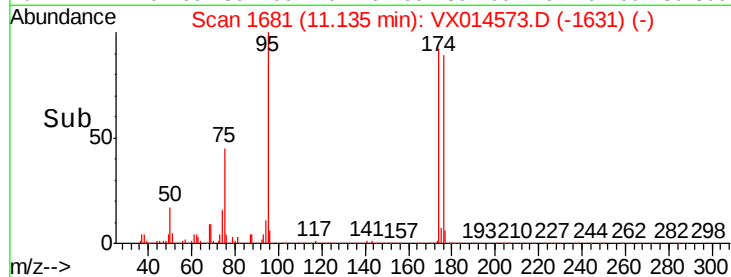
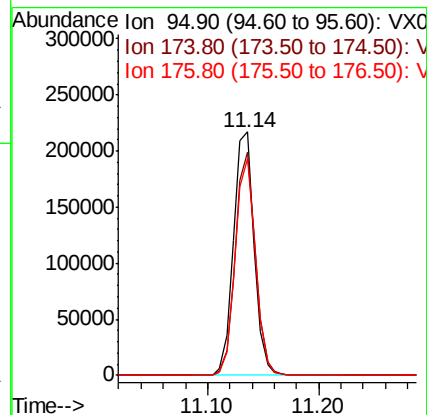
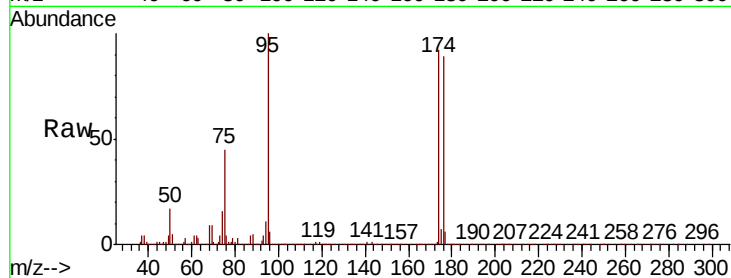
Tot Ion: 95 Resp: 277707

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

176 87.6 0.0 172.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014573.D

Acq: 11 Jan 2020 06:18

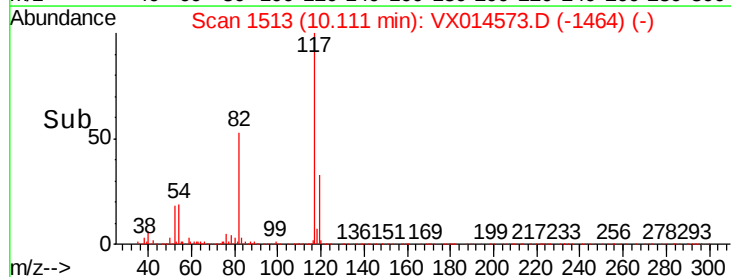
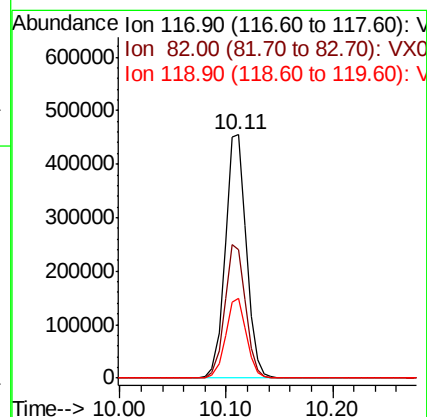
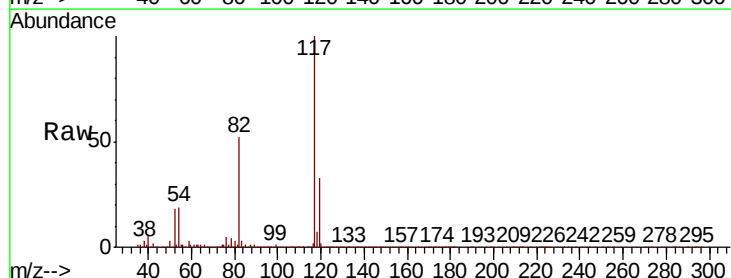
Tgt Ion: 117 Resp: 630018

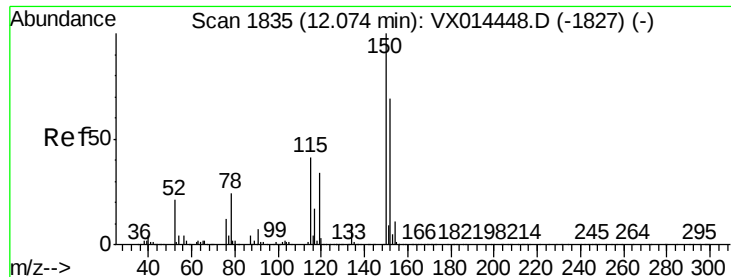
Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 32.6 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014573.D

Acq: 11 Jan 2020 06:18

Instrument :

MSVOA_X

ClientSampleId :

TP-3

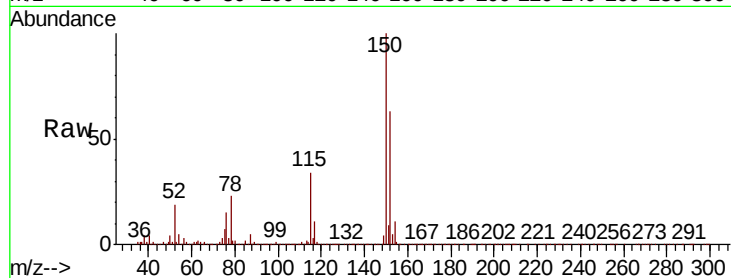
Tot Ion:152 Resp: 285698

Ion Ratio Lower Upper

152 100

115 54.7 39.5 118.3

150 154.6 0.0 350.2



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

