

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
 Data File : VX014897.D
 Acq On : 10 Feb 2020 18:46
 Operator : JC/SP
 Sample : L1481-01
 Misc : 2.97uL/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11931

Quant Time: Feb 11 07:32:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

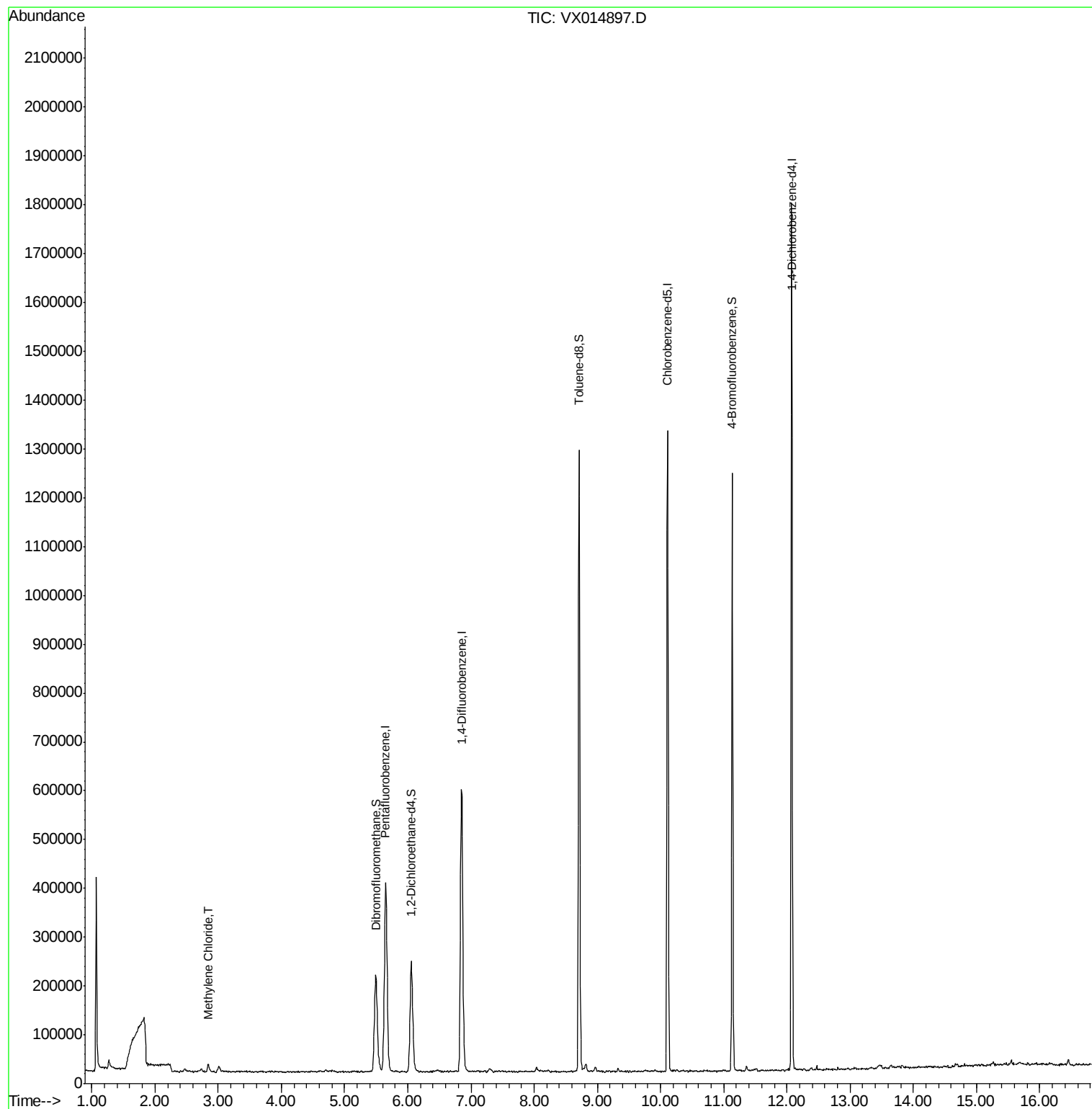
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	673689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	638932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	241842	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
35) Dibromofluoromethane	5.50	113	195241	47.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.28%	
50) Toluene-d8	8.71	98	804355	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	310975	54.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.22%	
Target Compounds						
20) Methylene Chloride	2.84	84	9490	2.023	ug/l #	84

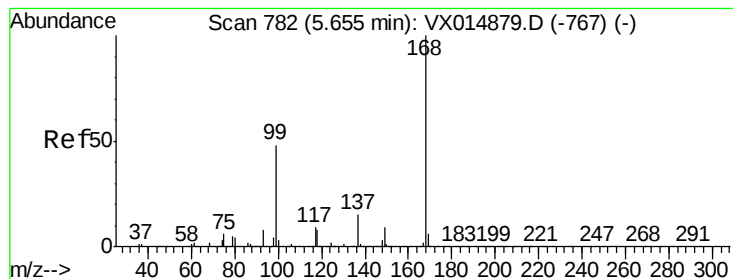
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014897.D

Acq: 10 Feb 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

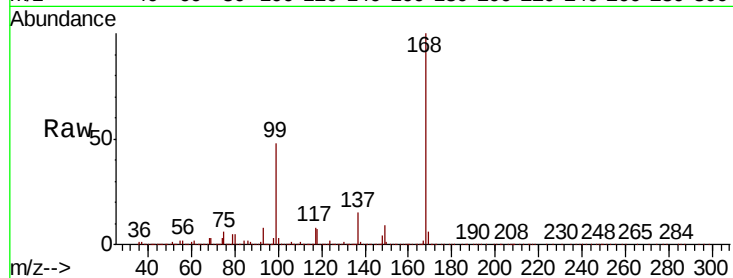
72-11931

Tot Ion:168 Resp: 432070

Ion Ratio Lower Upper

168 100

99 48.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

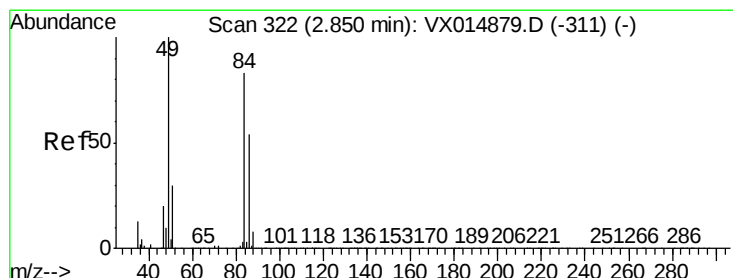
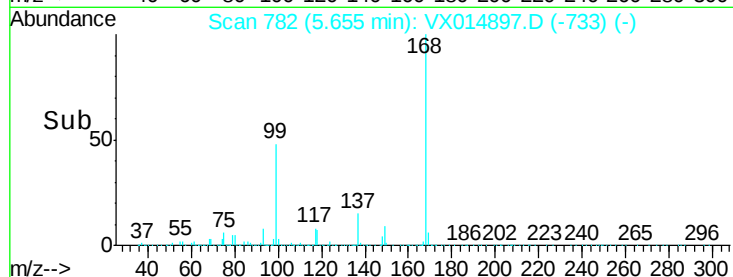
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 2.023 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX014897.D

Acq: 10 Feb 2020 18:46

Tgt Ion: 84 Resp: 9490

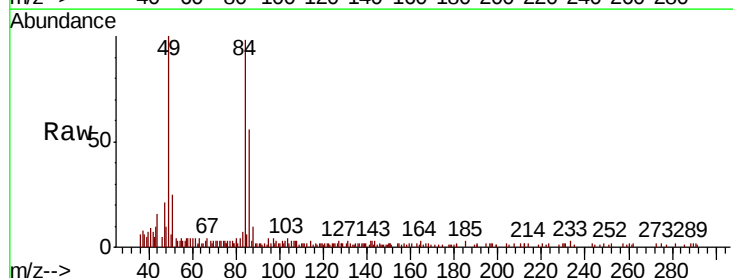
Ion Ratio Lower Upper

84 100

49 100.6 95.6 143.4

51 21.8 29.0 43.6#

86 57.6 51.4 77.0



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

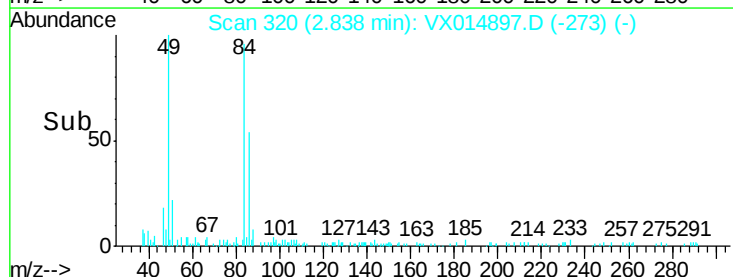
4000

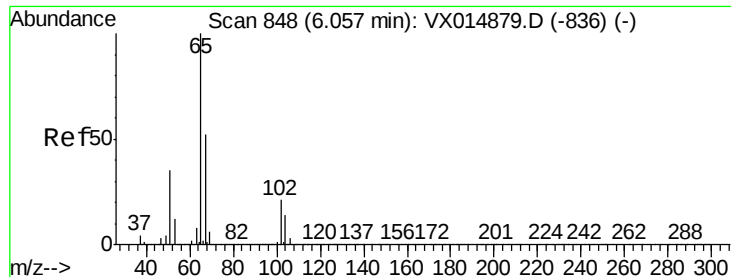
2000

0

Time-->

2.75 2.80 2.85 2.90





#33

1,2-Dichloroethane-d4

Concen: 49.596 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.00 min

Lab File: VX014897.D

Acq: 10 Feb 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

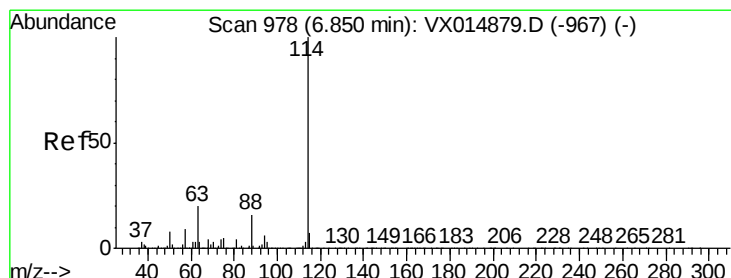
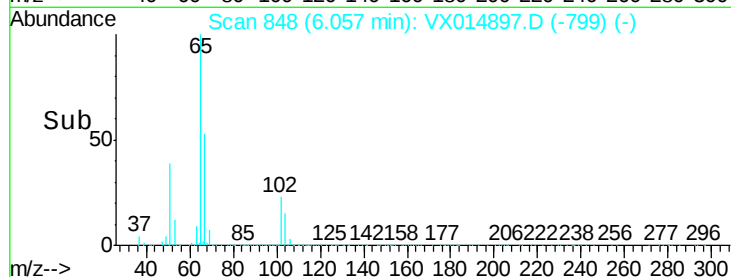
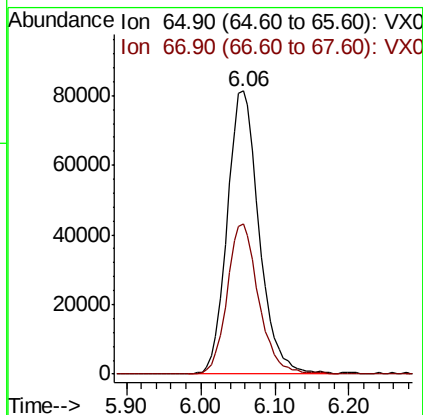
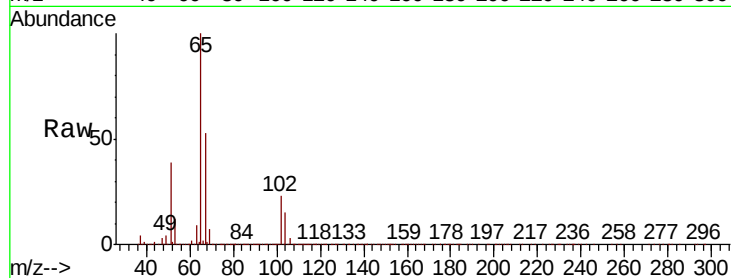
72-11931

Tot Ion: 65 Resp: 241842

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014897.D

Acq: 10 Feb 2020 18:46

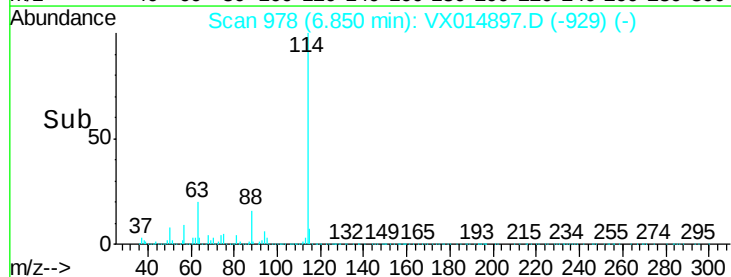
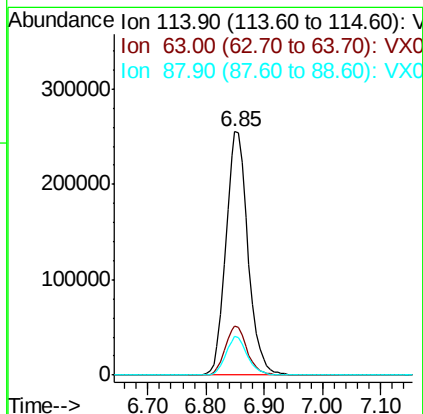
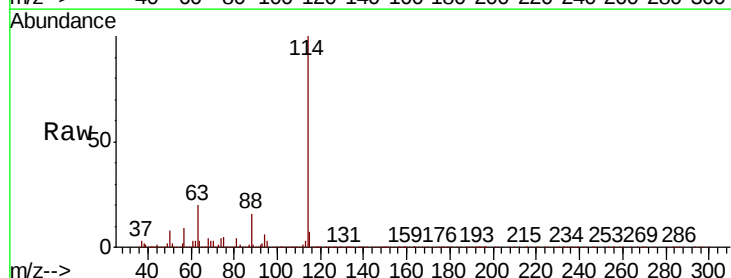
Tgt Ion: 114 Resp: 673689

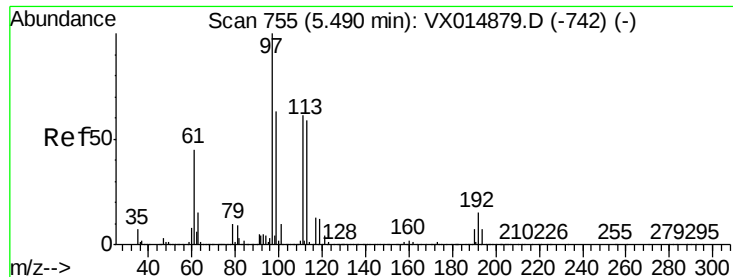
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 47.141 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX014897.D

Acq: 10 Feb 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

72-11931

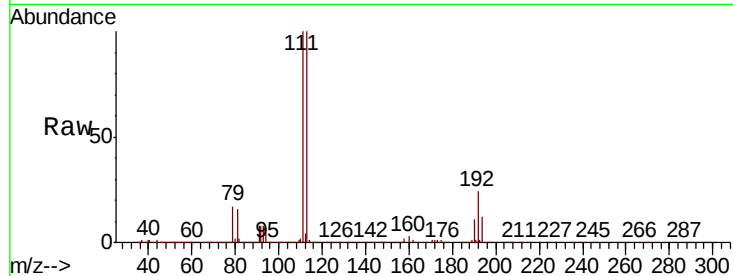
Tot Ion:113 Resp: 195241

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

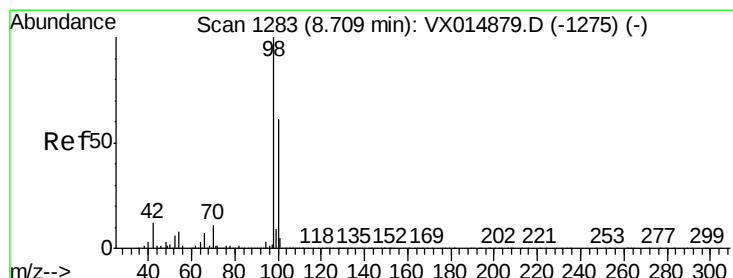
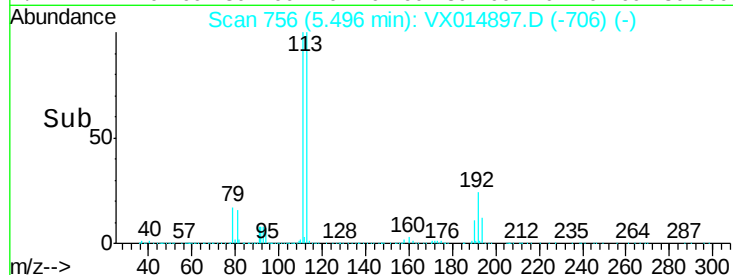
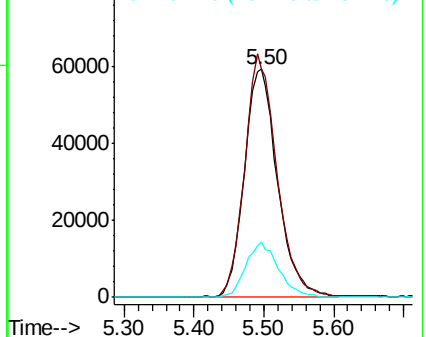
192 24.2 19.1 28.7



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: 50.879 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014897.D

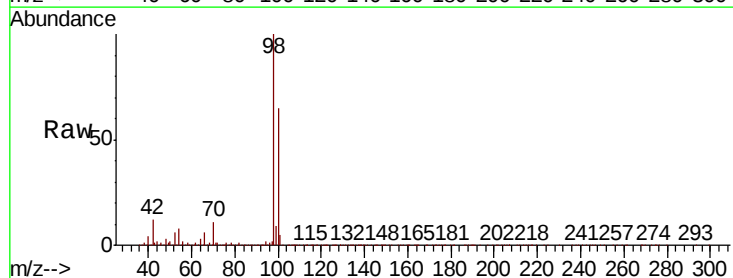
Acq: 10 Feb 2020 18:46

Tgt Ion: 98 Resp: 804355

Ion Ratio Lower Upper

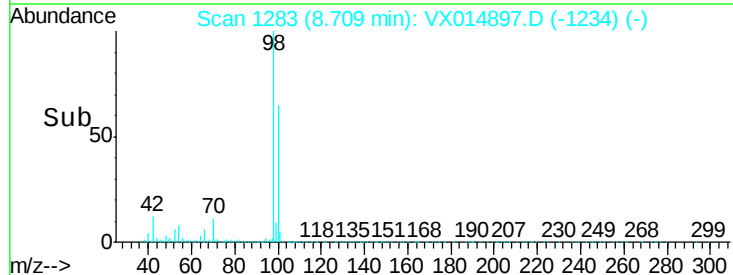
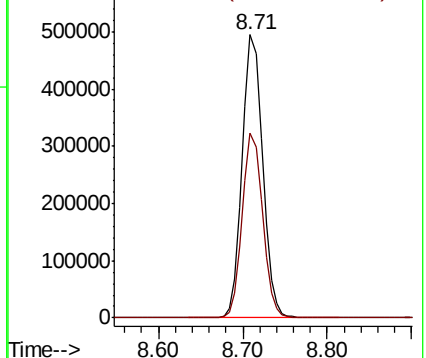
98 100

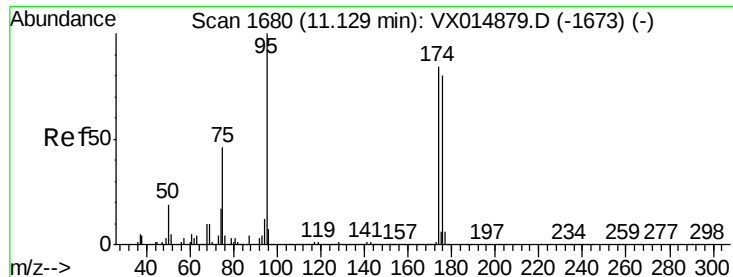
100 64.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

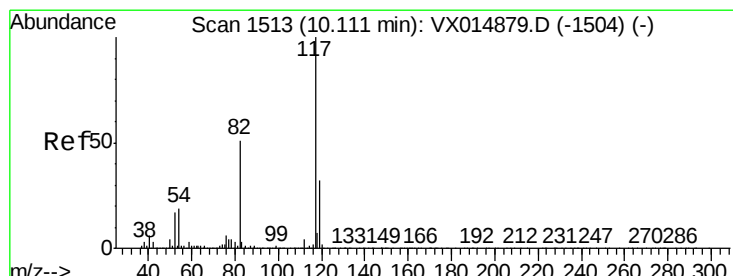
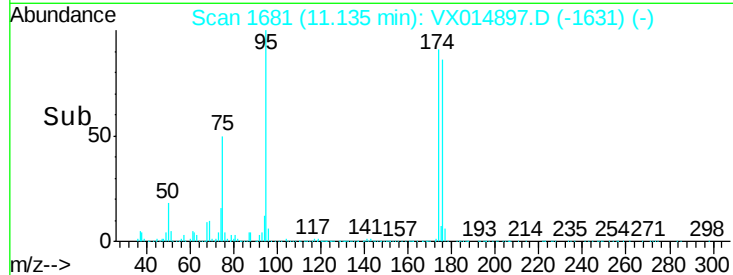
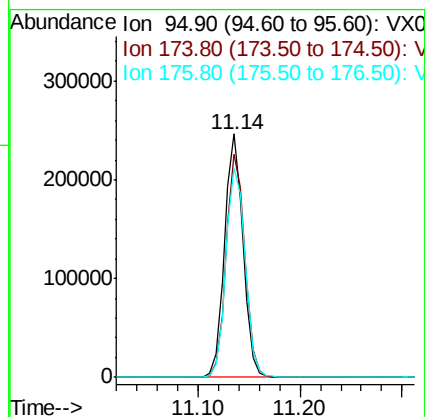
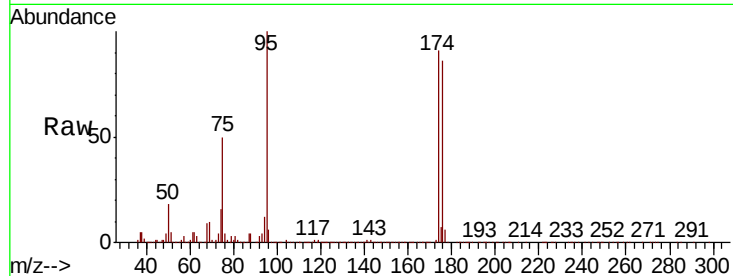




#62
4-Bromofluorobenzene
Concen: 54.605 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014897.D
Acq: 10 Feb 2020 18:46

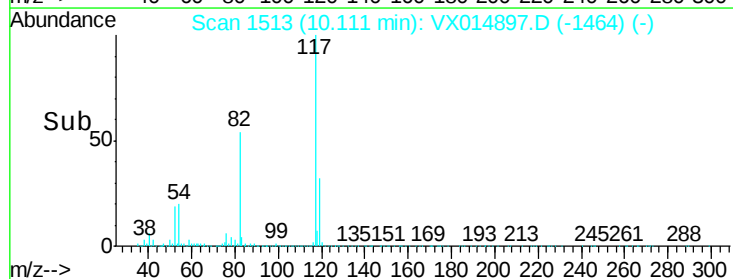
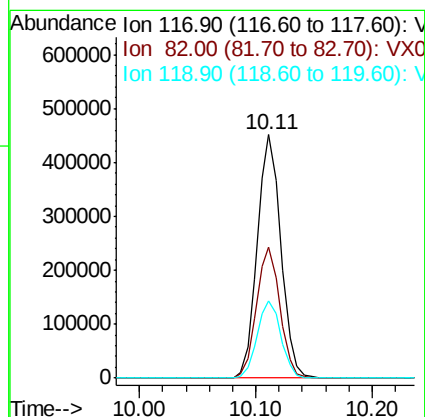
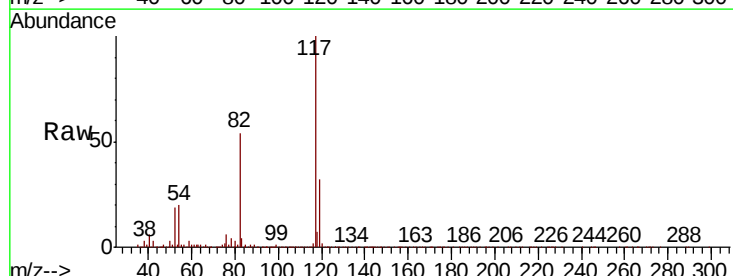
Instrument :
MSVOA_X
ClientSampleId :
72-11931

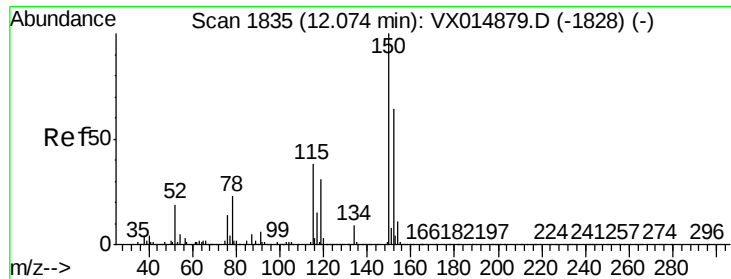
Tot Ion: 95 Resp: 310975
Ion Ratio Lower Upper
95 100
174 92.7 0.0 183.0
176 89.9 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014897.D
Acq: 10 Feb 2020 18:46

Tgt Ion: 117 Resp: 638932
Ion Ratio Lower Upper
117 100
82 53.6 40.5 60.7
119 31.9 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014897.D

Acq: 10 Feb 2020 18:46

Instrument :

MSVOA_X

ClientSampleId :

72-11931

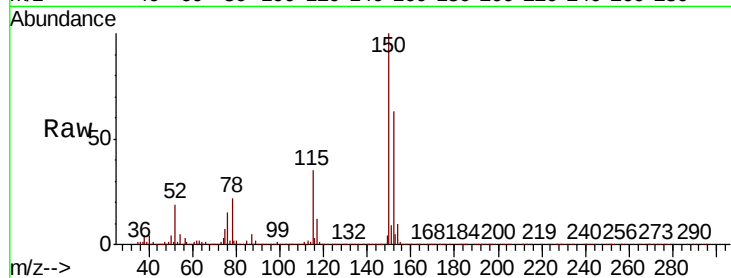
Tot Ion:152 Resp: 361441

Ion Ratio Lower Upper

152 100

115 55.0 38.6 116.0

150 157.5 0.0 349.0



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

600000

500000

400000

300000

200000

100000

0

12.00

12.10

Time-->

