

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015970.D
 Acq On : 29 Apr 2020 12:27
 Operator : JC/SP
 Sample : VX0429WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429WBL01

Quant Time: Apr 30 05:54:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	281084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	443938	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207426	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	171266	46.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.20%	
35) Dibromofluoromethane	5.46	113	130400	47.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.18%	
50) Toluene-d8	8.70	98	531777	51.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.12	95	208001	51.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.44%	

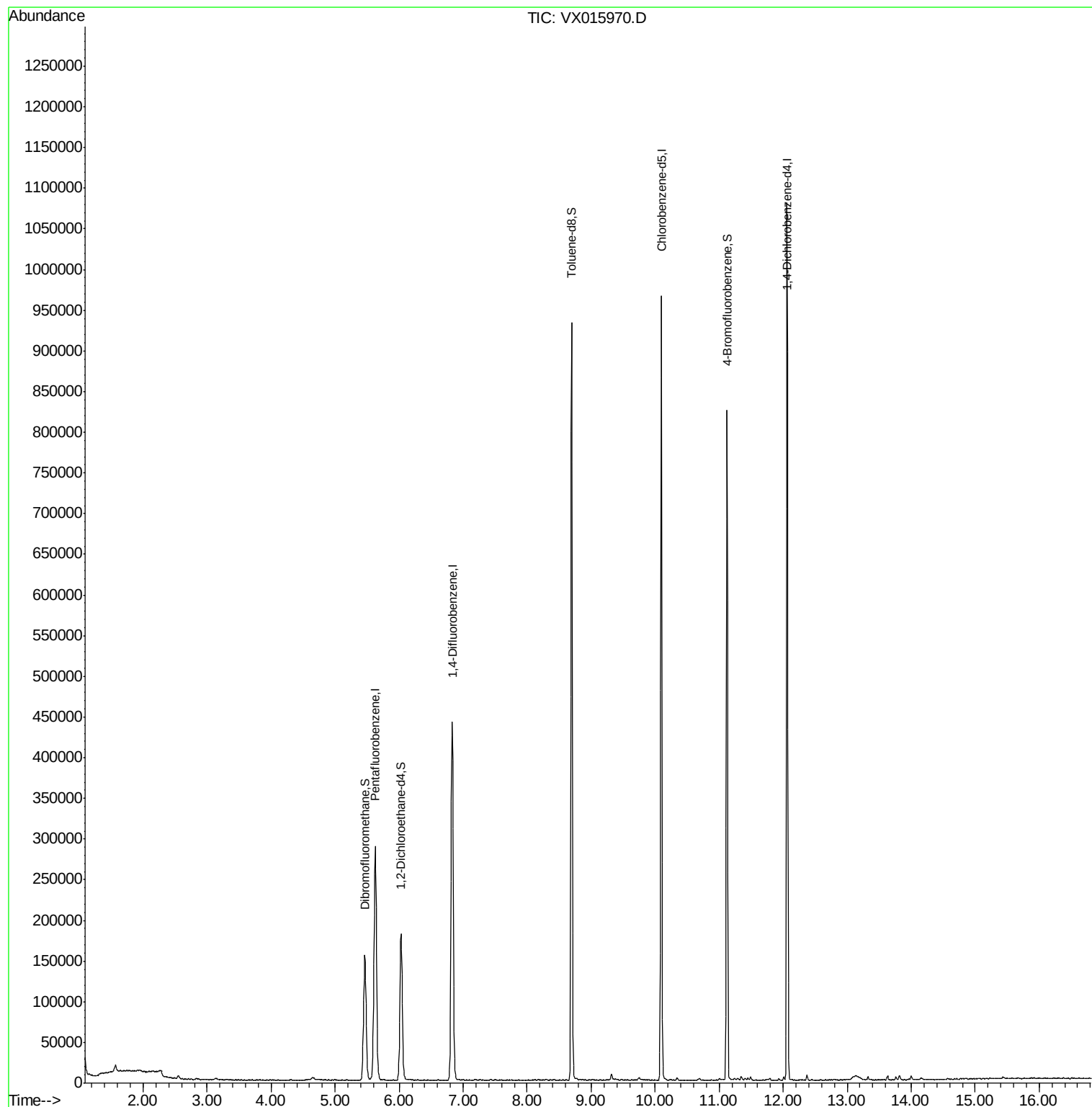
Target Compounds	Qvalue

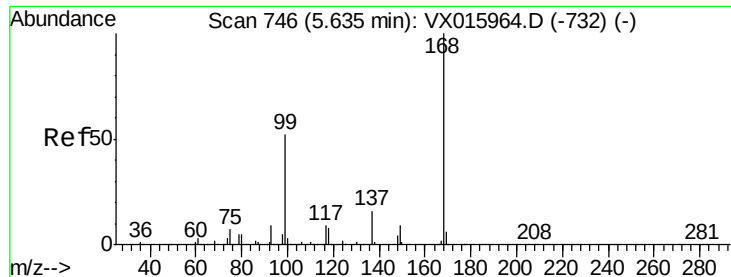
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX015970.D

Acq: 29 Apr 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

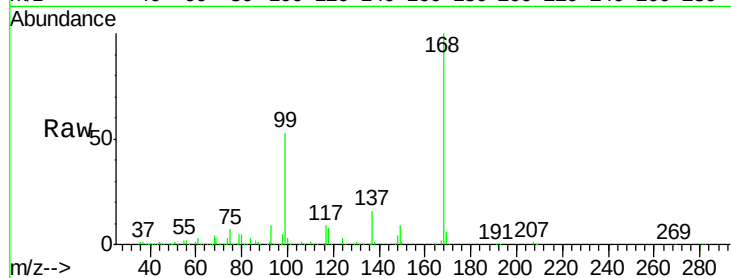
VX0429WBL01

Tot Ion:168 Resp: 281084

Ion Ratio Lower Upper

168 100

99 53.3 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

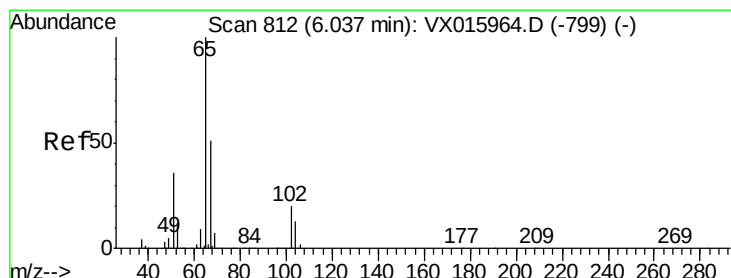
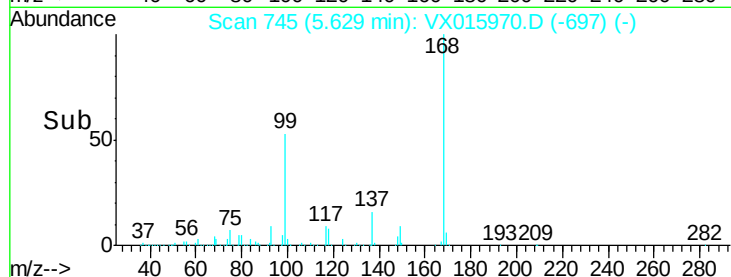
5.50

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.602 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015970.D

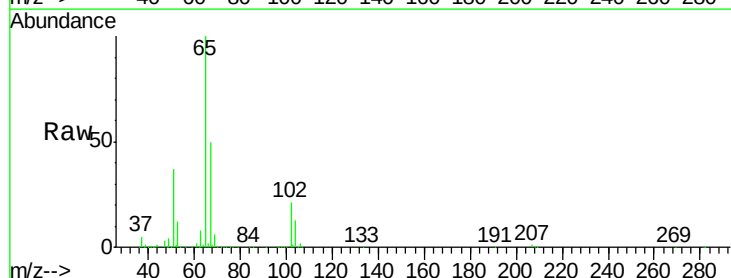
Acq: 29 Apr 2020 12:27

Tgt Ion: 65 Resp: 171266

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

40000

20000

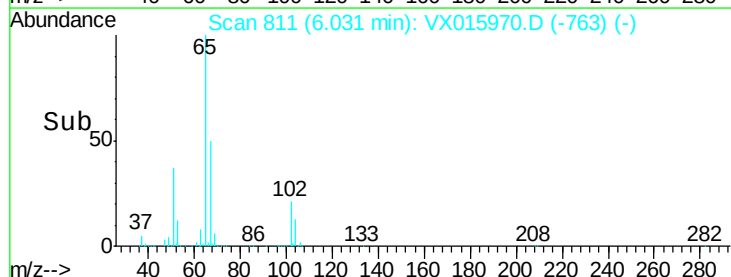
0

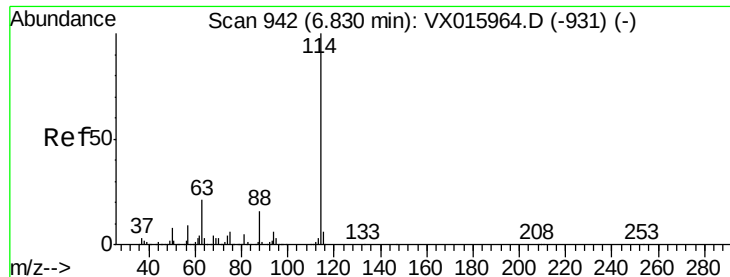
5.90

6.00

6.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX015970.D

Acq: 29 Apr 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBL01

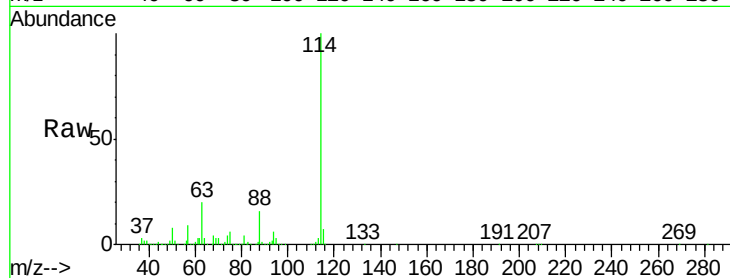
Tot Ion:114 Resp: 443938

Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.2

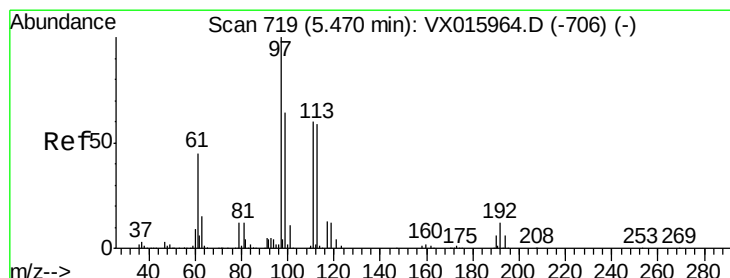
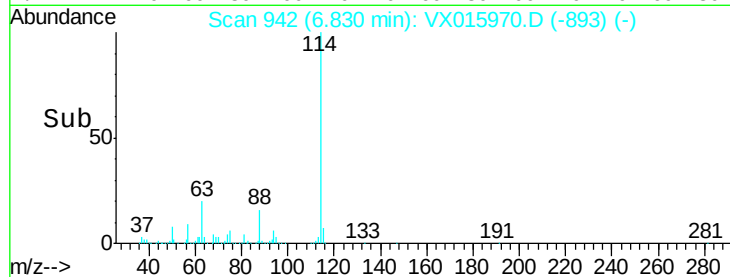
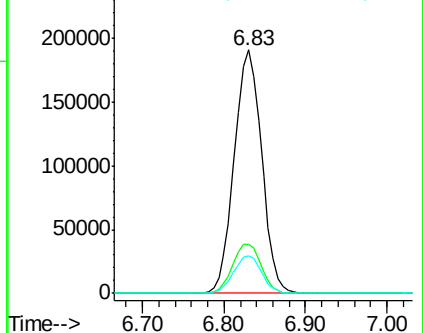
88 15.6 0.0 31.8



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: 47.088 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015970.D

Acq: 29 Apr 2020 12:27

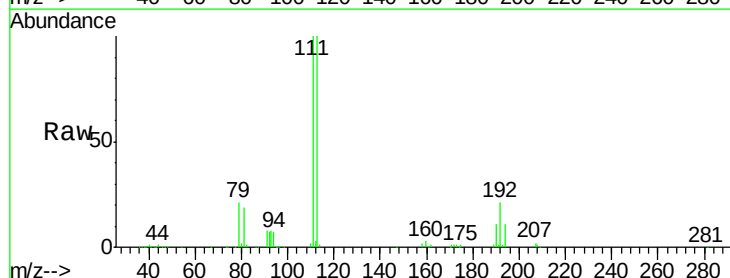
Tgt Ion:113 Resp: 130400

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

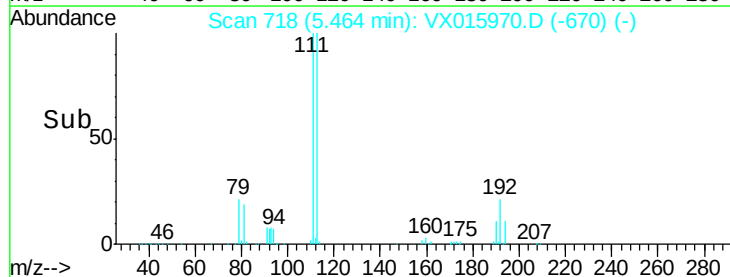
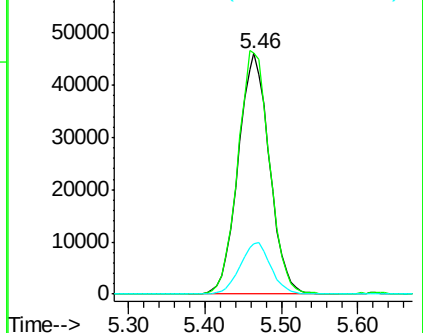
192 21.2 16.8 25.2

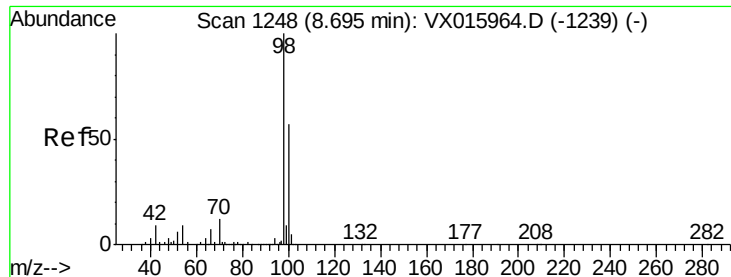


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

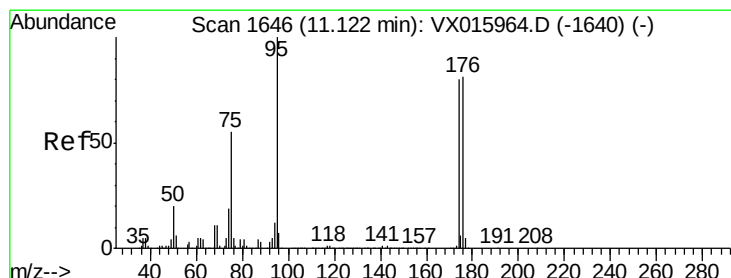
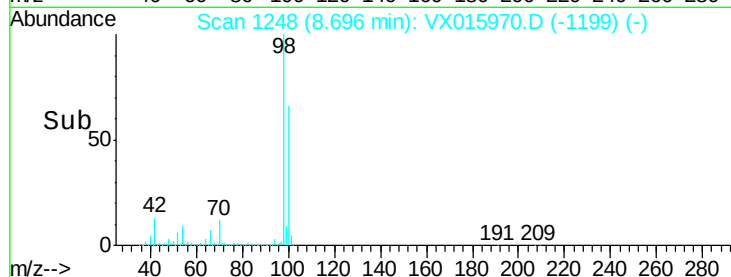
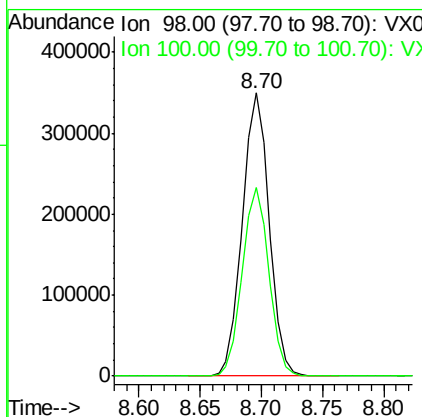
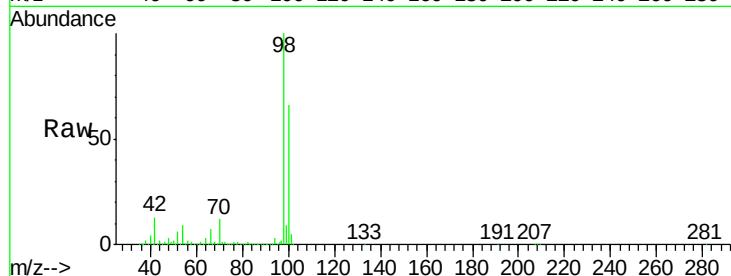




#50
Toluene-d8
Concen: 51.359 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015970.D
Acq: 29 Apr 2020 12:27

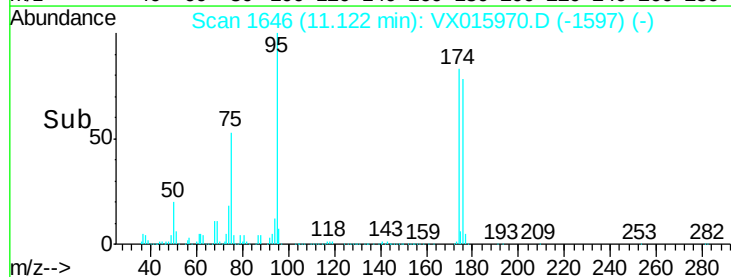
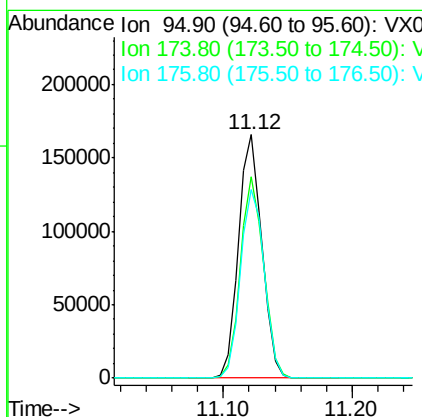
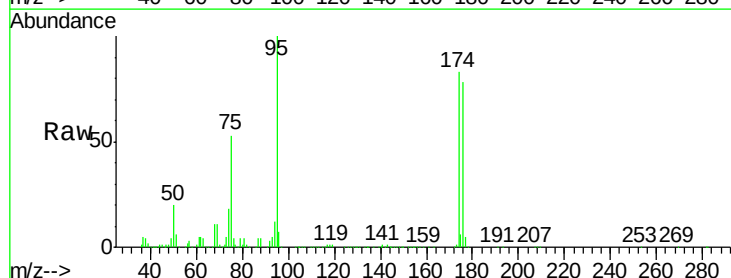
Instrument :
MSVOA_X
ClientSampleId :
VX0429WBL01

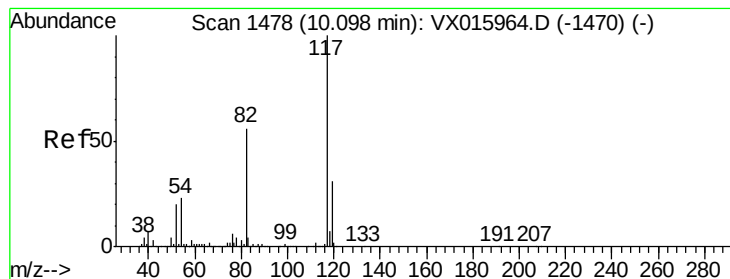
Tot Ion: 98 Resp: 531777
Ion Ratio Lower Upper
98 100
100 66.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.218 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015970.D
Acq: 29 Apr 2020 12:27

Tgt Ion: 95 Resp: 208001
Ion Ratio Lower Upper
95 100
174 81.8 0.0 165.0
176 78.9 0.0 163.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX015970.D

Acq: 29 Apr 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0429WBL01

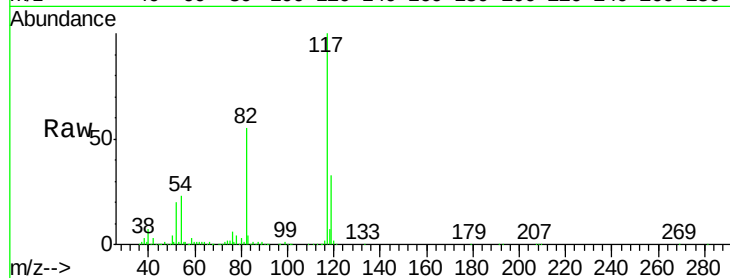
Tot Ion:117 Resp: 415739

Ion Ratio Lower Upper

117 100

82 55.5 44.5 66.7

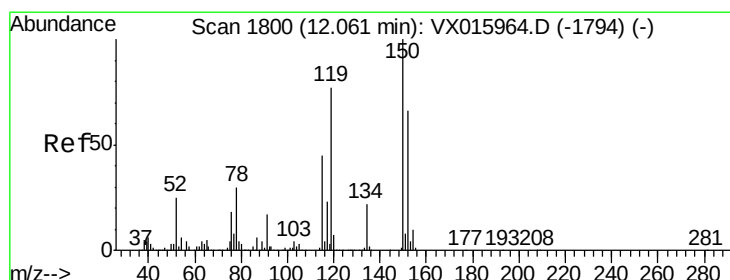
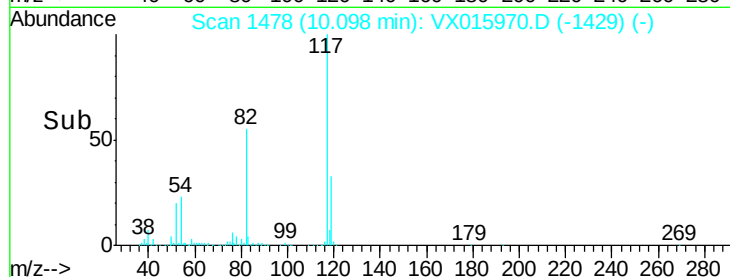
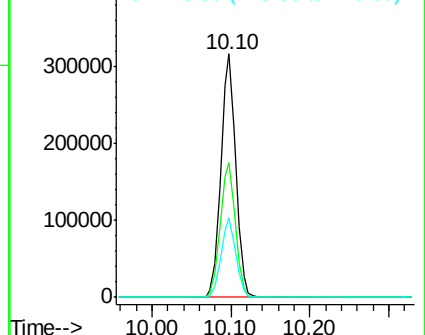
119 32.8 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX015970.D

Acq: 29 Apr 2020 12:27

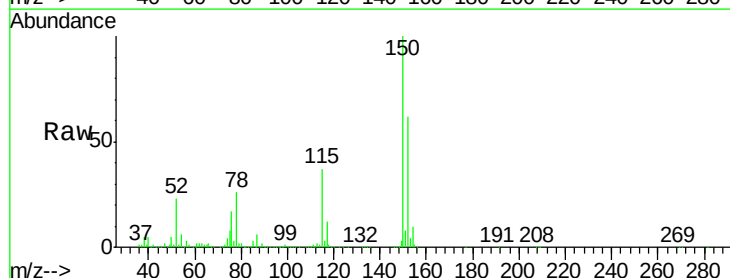
Tgt Ion:152 Resp: 207426

Ion Ratio Lower Upper

152 100

115 58.0 40.9 122.7

150 157.0 0.0 342.4



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

