

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101618\
 Data File : VX005373.D
 Acq On : 16 Oct 2018 17:17
 Operator : JC/MD
 Sample : J5546-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-20A

Quant Time: Oct 18 11:46:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	284117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400350	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	356770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174317	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	162953	51.68	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	133641	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	8.71	98	475125	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	11.14	95	156689	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	

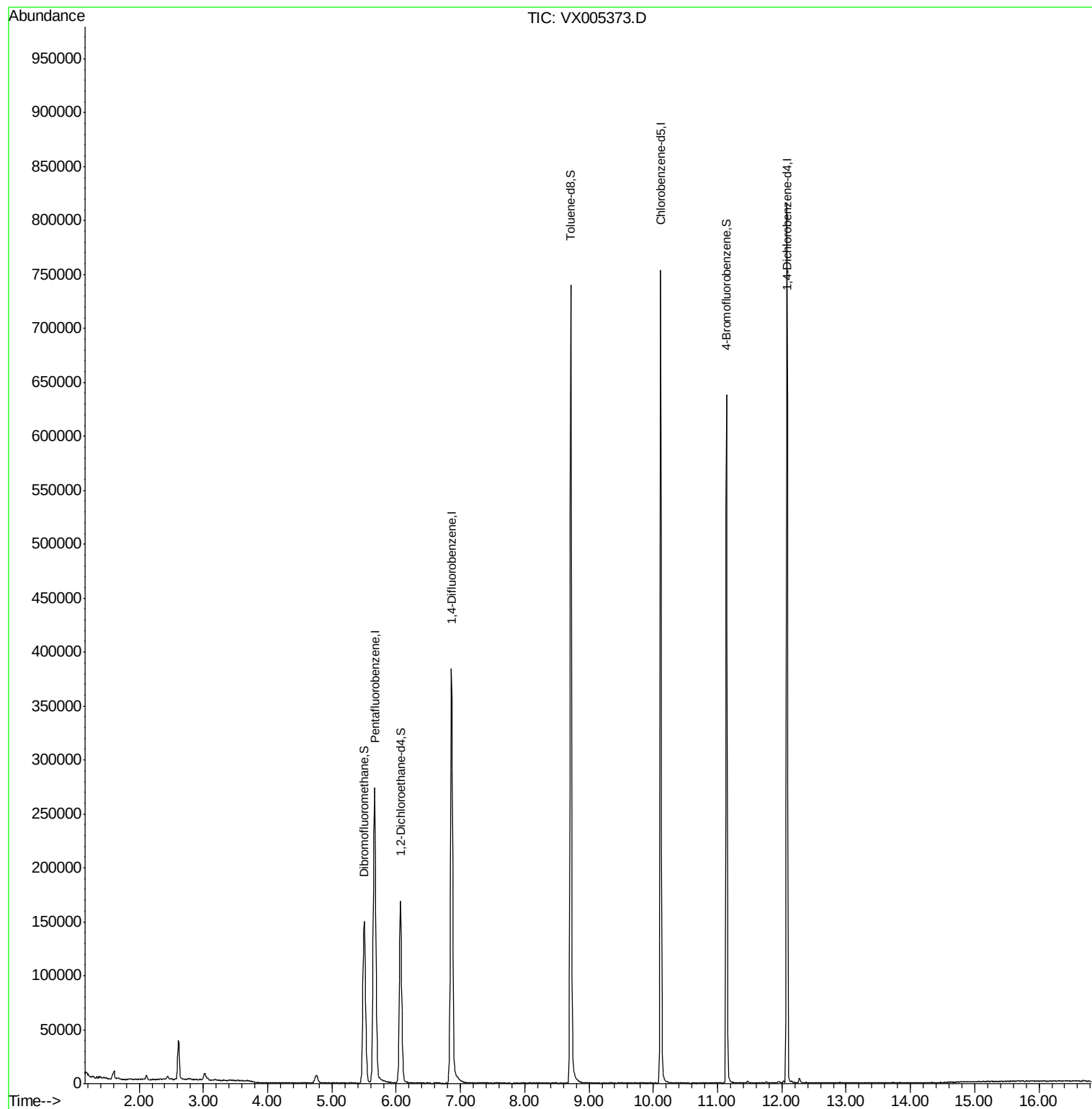
Target Compounds	Qvalue

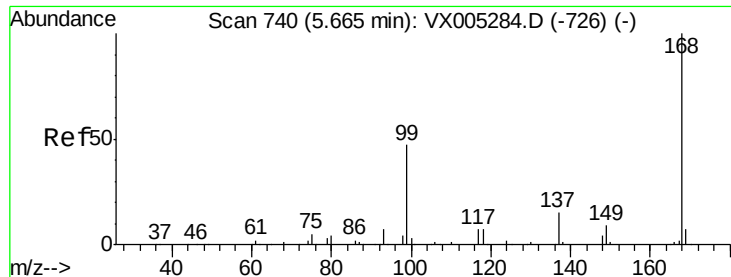
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005373.D

Acq: 16 Oct 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

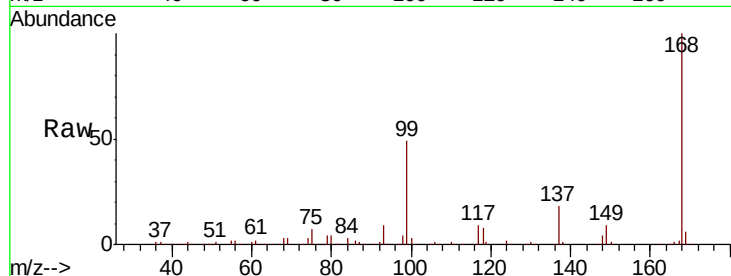
MH-20A

Tot Ion:168 Resp: 284117

Ion Ratio Lower Upper

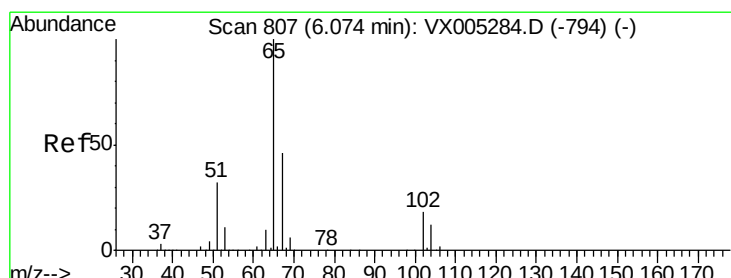
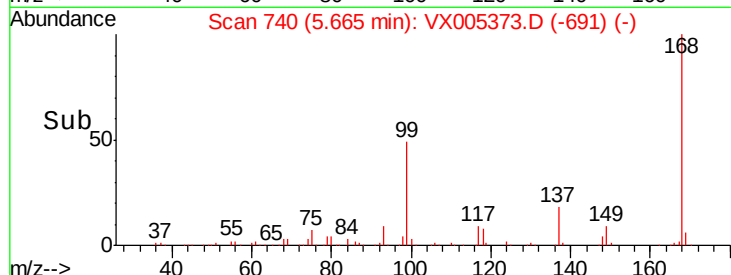
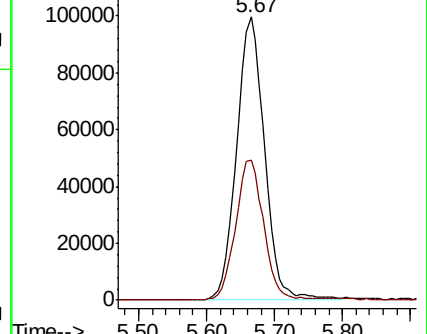
168 100

99 49.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.677 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005373.D

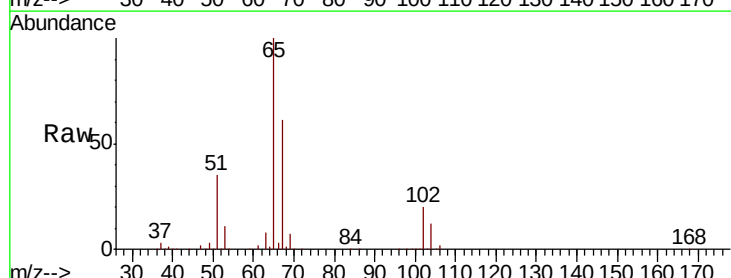
Acq: 16 Oct 2018 17:17

Tgt Ion: 65 Resp: 162953

Ion Ratio Lower Upper

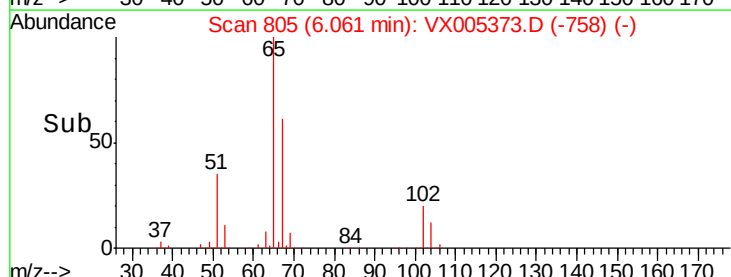
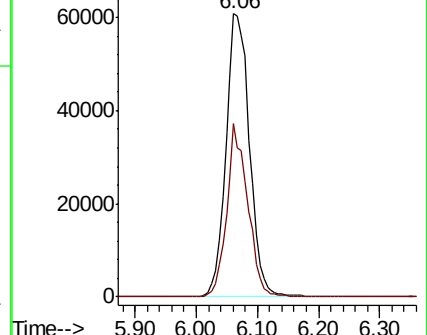
65 100

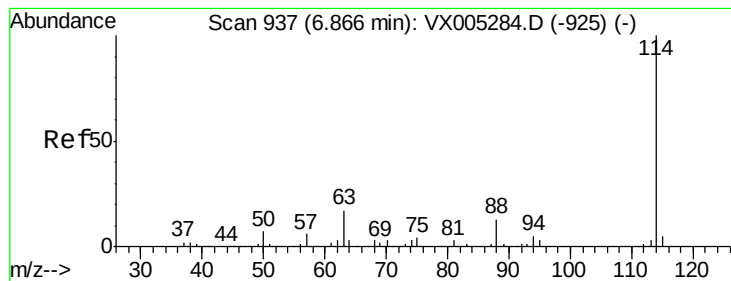
67 53.9 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005373.D

Acq: 16 Oct 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

MH-20A

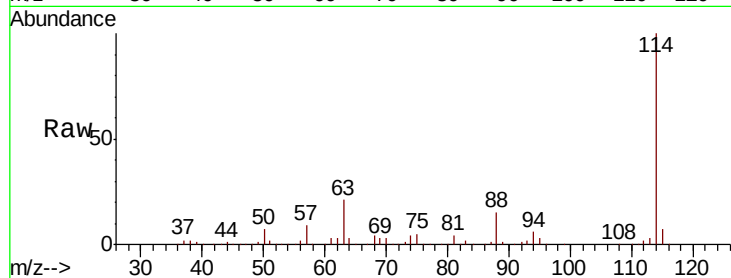
Tot Ion:114 Resp: 400350

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.0

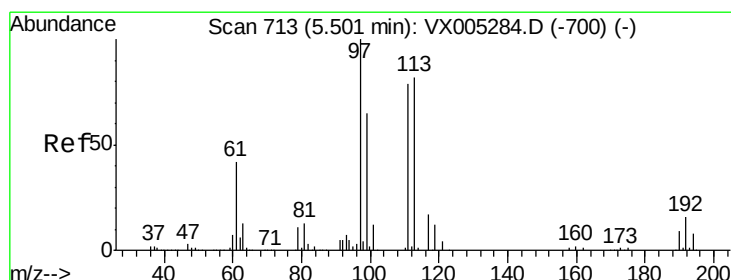
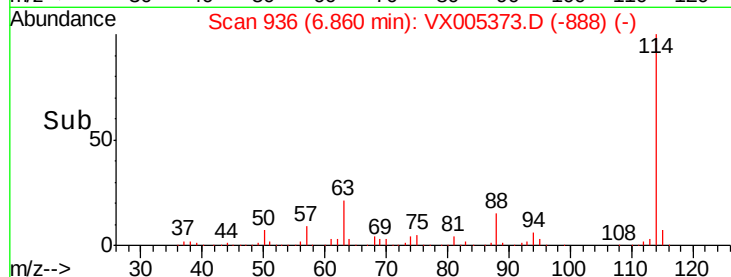
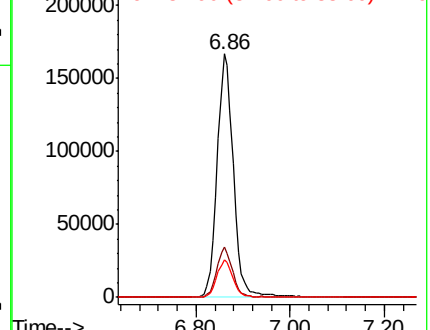
88 15.4 0.0 30.4



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: 50.400 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005373.D

Acq: 16 Oct 2018 17:17

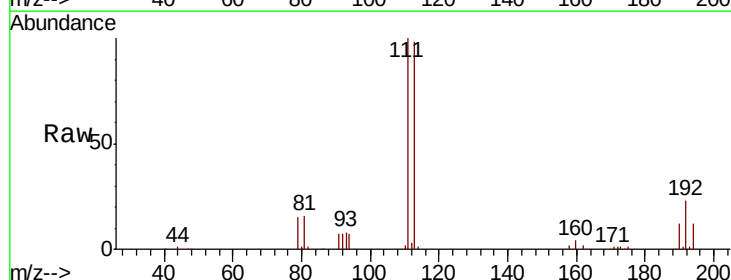
Tgt Ion:113 Resp: 133641

Ion Ratio Lower Upper

113 100

111 100.1 82.4 123.6

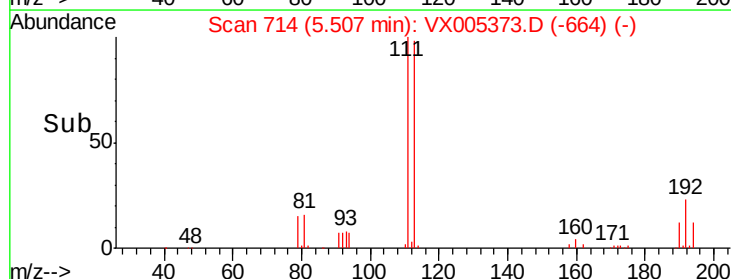
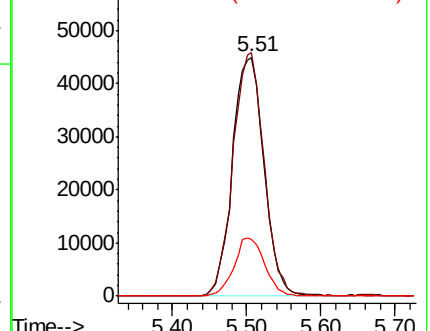
192 23.7 19.4 29.2

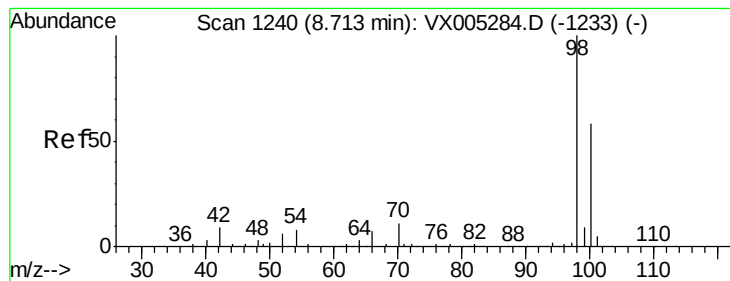


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005373.D

Acq: 16 Oct 2018 17:17

Instrument :

MSVOA_X

ClientSampleId :

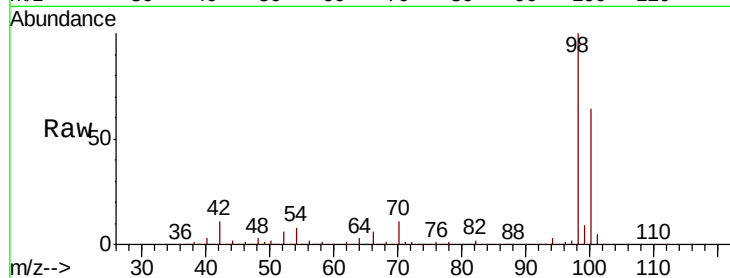
MH-20A

Tot Ion: 98 Resp: 475125

Ion Ratio Lower Upper

98 100

100 63.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

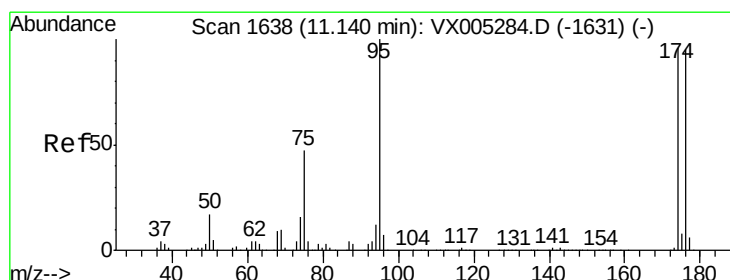
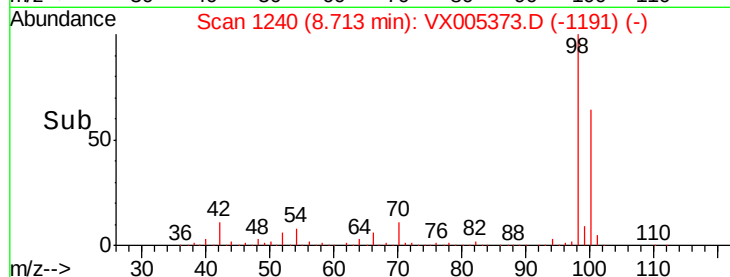
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.819 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005373.D

Acq: 16 Oct 2018 17:17

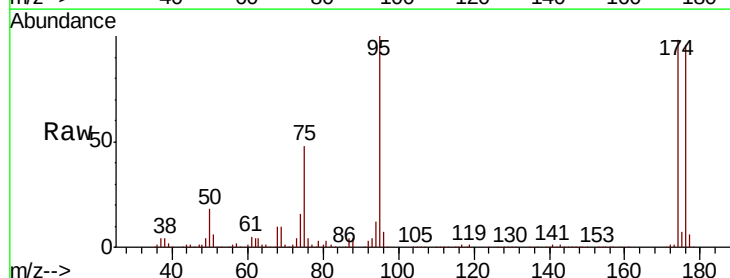
Tgt Ion: 95 Resp: 156689

Ion Ratio Lower Upper

95 100

174 96.6 0.0 185.2

176 92.4 0.0 178.6



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

11.14

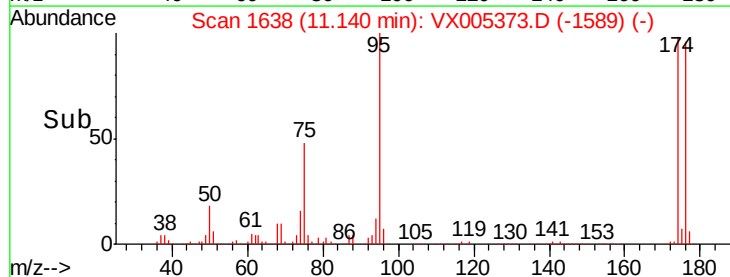
150000

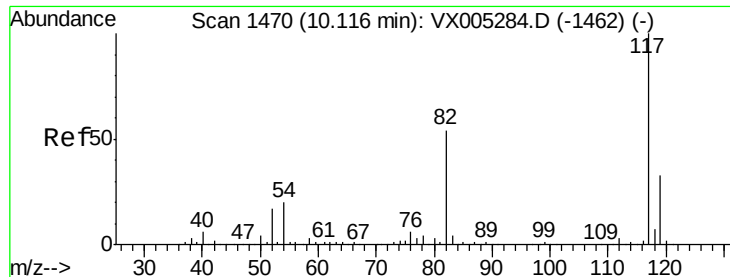
100000

50000

0

Time-->

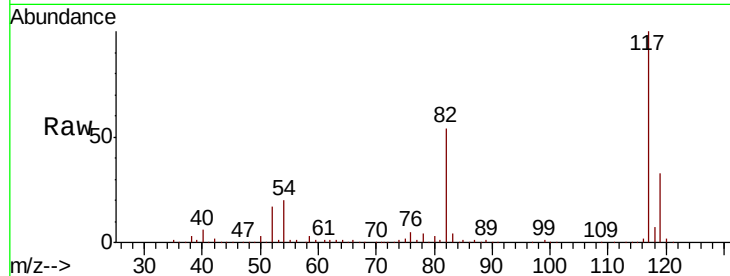




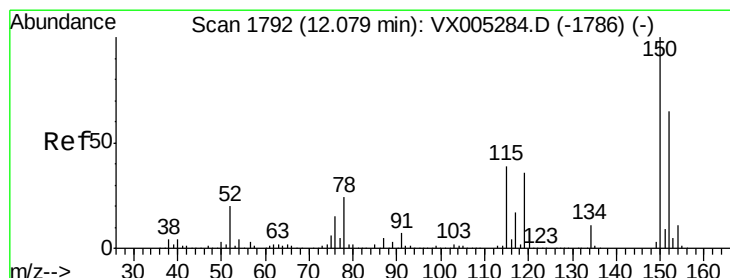
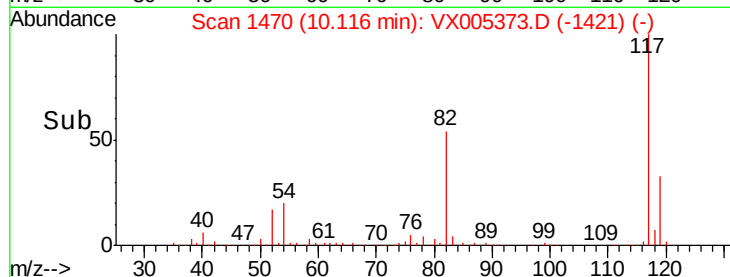
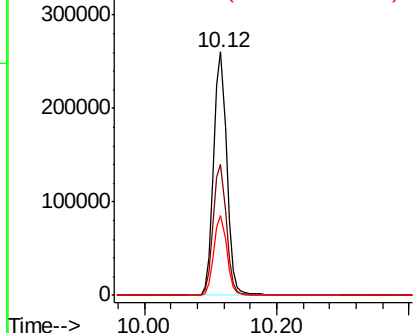
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005373.D
Acq: 16 Oct 2018 17:17

Instrument :
MSVOA_X
ClientSampleId :
MH-20A

Tot Ion:117 Resp: 356770
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 32.7 29.3 43.9

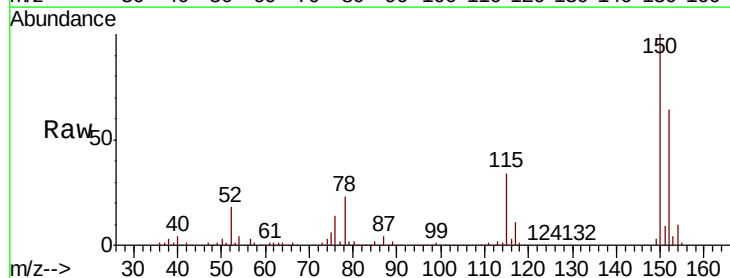


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005373.D
Acq: 16 Oct 2018 17:17

Tgt Ion:152 Resp: 174317
Ion Ratio Lower Upper
152 100
115 54.0 39.0 117.0
150 155.9 0.0 351.0



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

