

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073118\
 Data File : VX003752.D
 Acq On : 31 Jul 2018 16:09
 Operator : JC/SP
 Sample : J4121-03
 Misc : 11.52G/5.0mL/MSVOA_X/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-8(3-5)

Quant Time: Aug 07 04:30:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

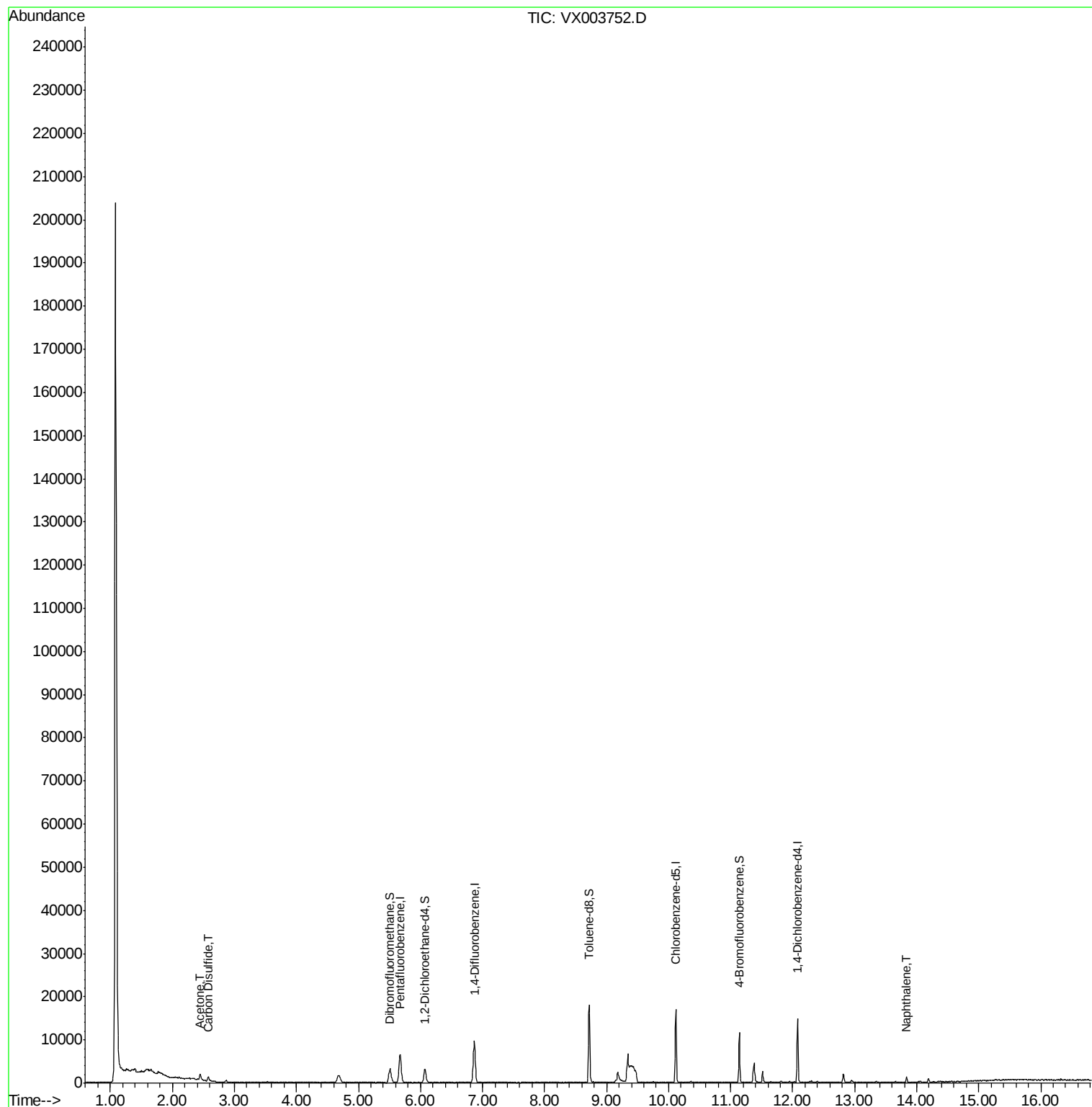
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	6845	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	9954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	7666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	3198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	3277	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
35) Dibromofluoromethane	5.50	113	2980	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.72	98	11465	46.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.84%	
62) 4-Bromofluorobenzene	11.14	95	3034	33.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.34%	
Target Compounds						
16) Acetone	2.45	43	1477m	55.855	ug/l	Qvalue
17) Carbon Disulfide	2.58	76	1189	5.973	ug/l	97
95) Naphthalene	13.83	128	881	5.286	ug/l #	95

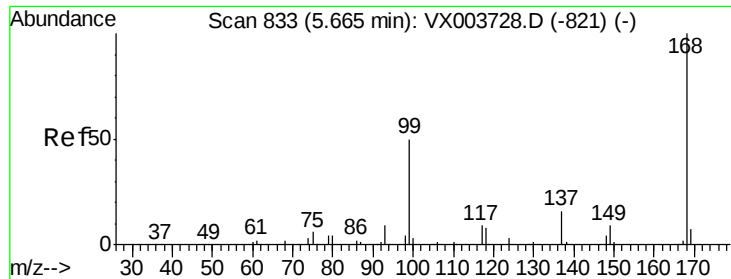
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampled :

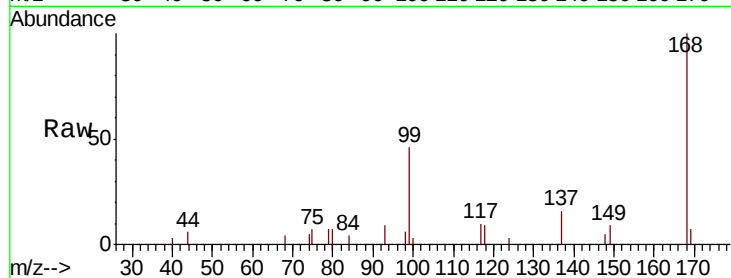
SB-8(3-5)

Tgt Ion:168 Resp: 6845

Ion Ratio Lower Upper

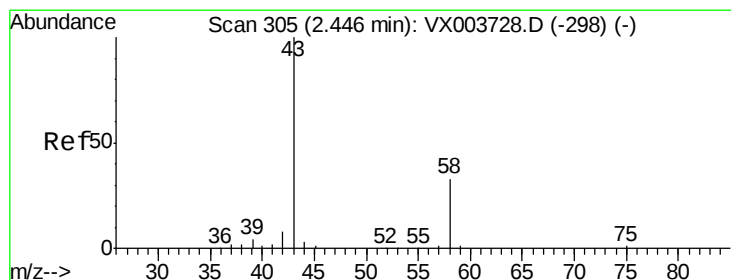
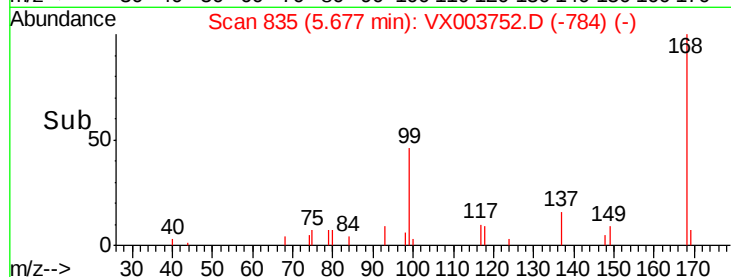
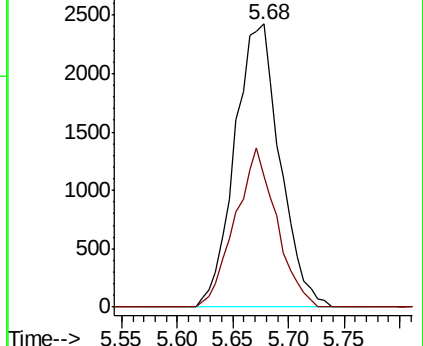
168 100

99 46.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 55.855 ug/l m

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003752.D

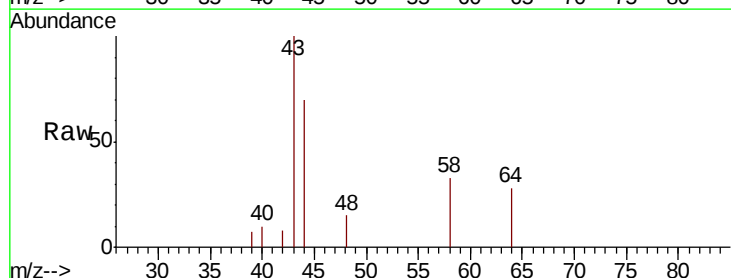
Acq: 31 Jul 2018 16:09

Tgt Ion: 43 Resp: 1477

Ion Ratio Lower Upper

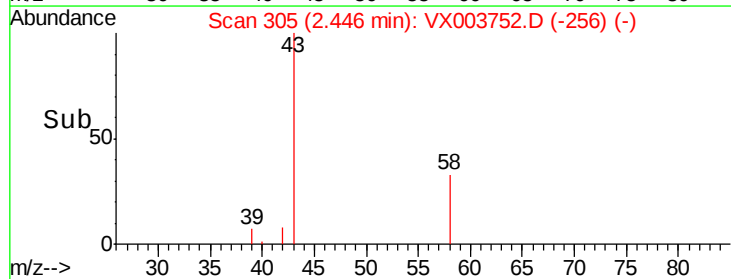
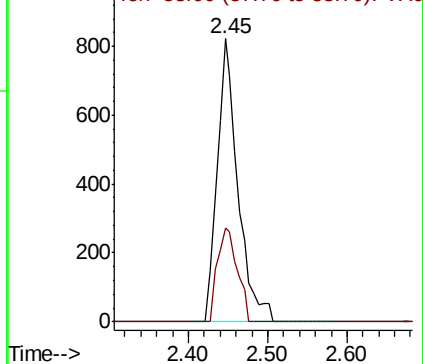
43 100

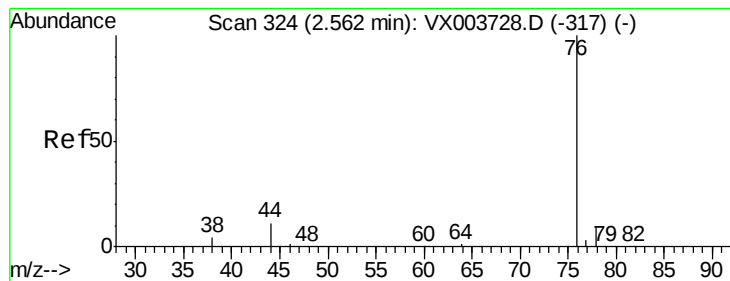
58 33.2 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.973 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.02 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

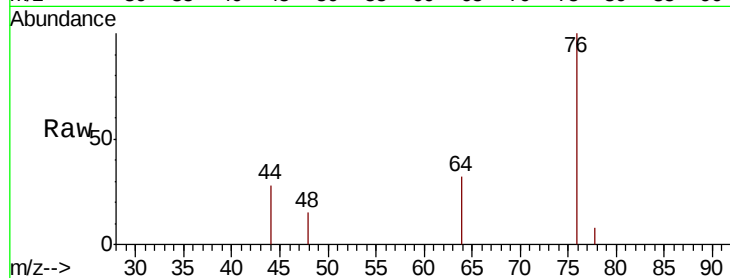
SB-8(3-5)

Tgt Ion: 76 Resp: 1189

Ion Ratio Lower Upper

76 100

78 7.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.58

800

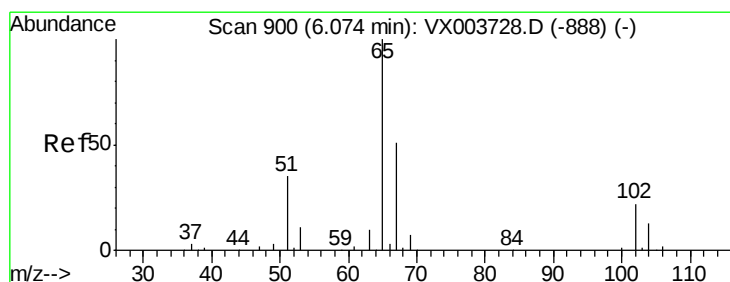
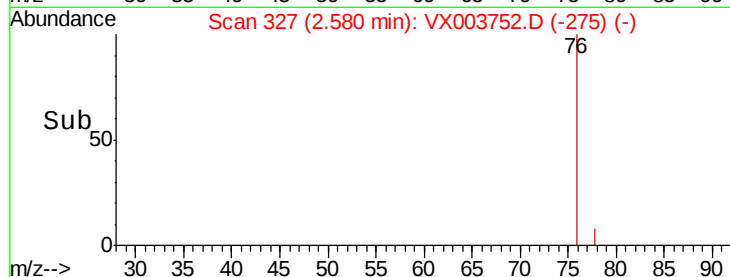
600

400

200

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.336 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003752.D

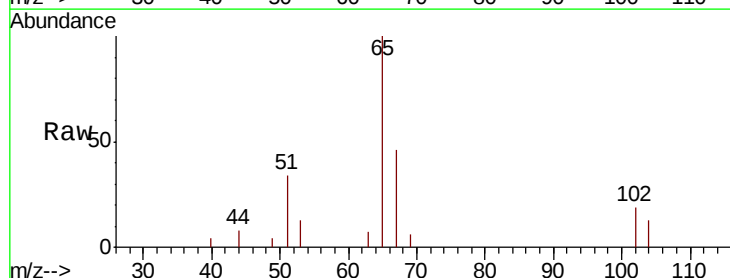
Acq: 31 Jul 2018 16:09

Tgt Ion: 65 Resp: 3277

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

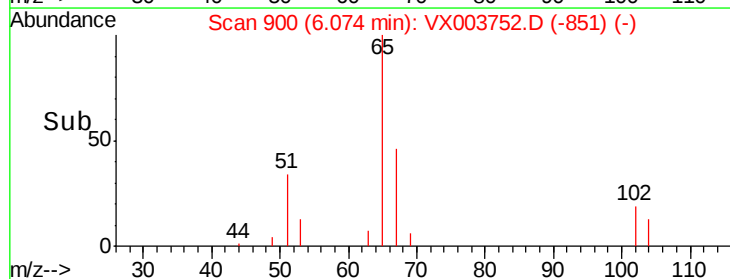
1500

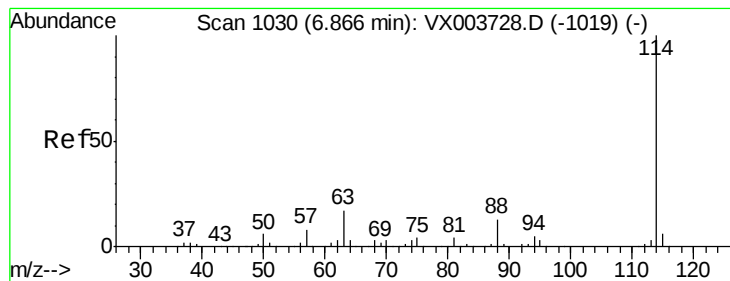
1000

500

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

Instrument :

MSVOA_X

ClientSampleId :

SB-8(3-5)

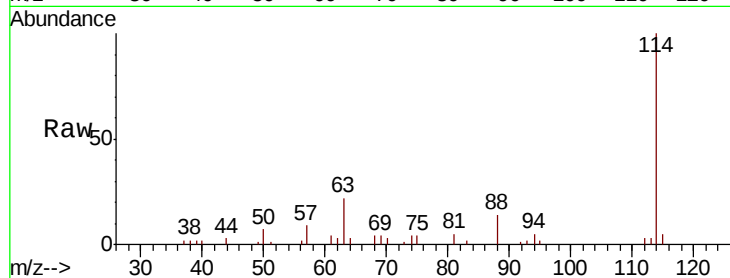
Tgt Ion:114 Resp: 9954

Ion Ratio Lower Upper

114 100

63 21.6 0.0 34.0

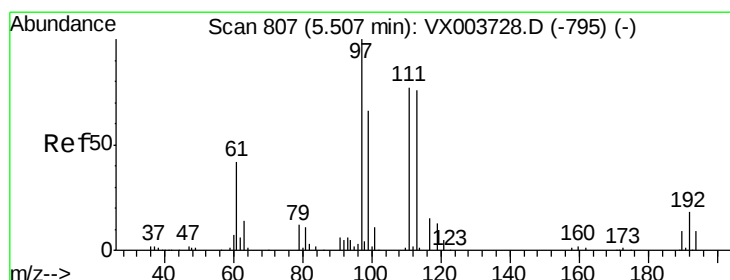
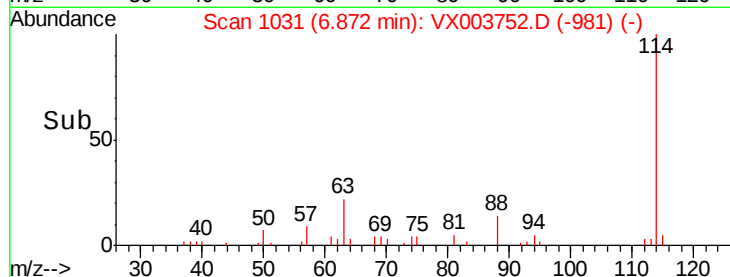
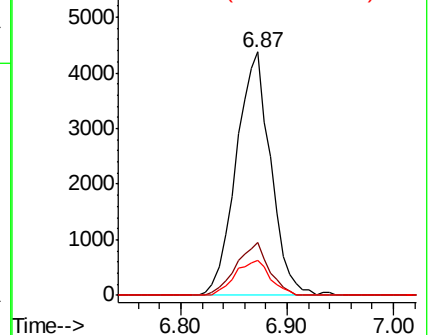
88 14.2 0.0 26.4



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: 50.843 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003752.D

Acq: 31 Jul 2018 16:09

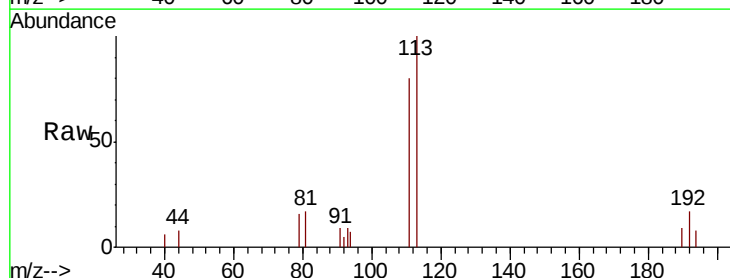
Tgt Ion:113 Resp: 2980

Ion Ratio Lower Upper

113 100

111 101.2 81.8 122.6

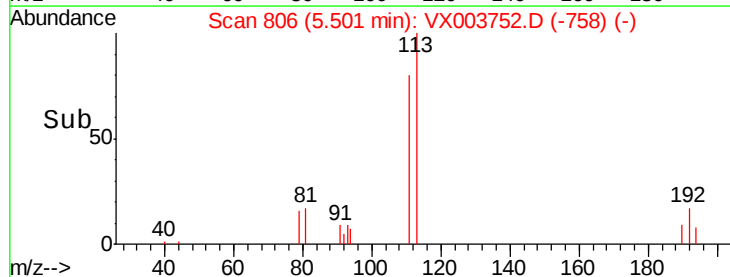
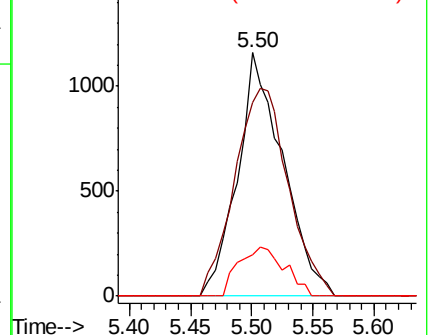
192 20.4 18.8 28.2

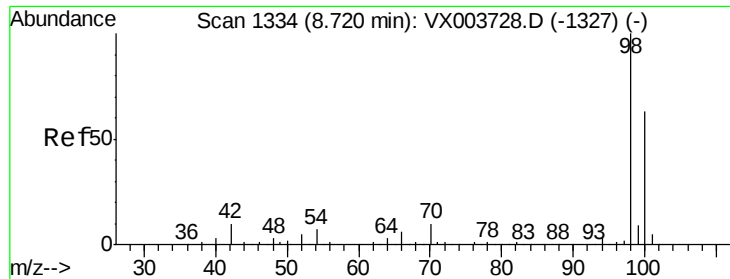


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

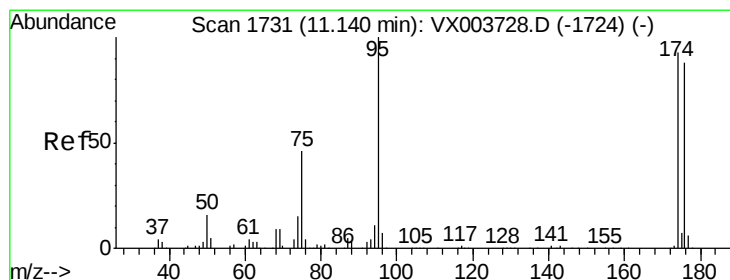
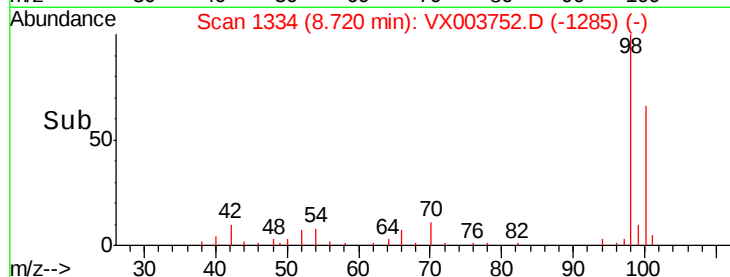
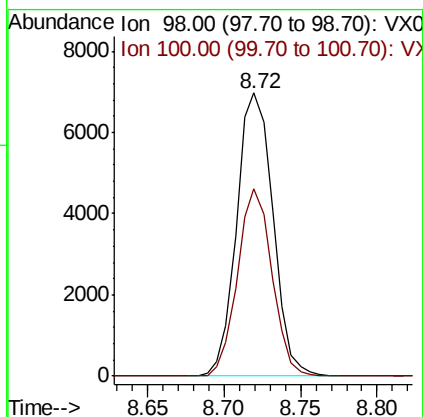
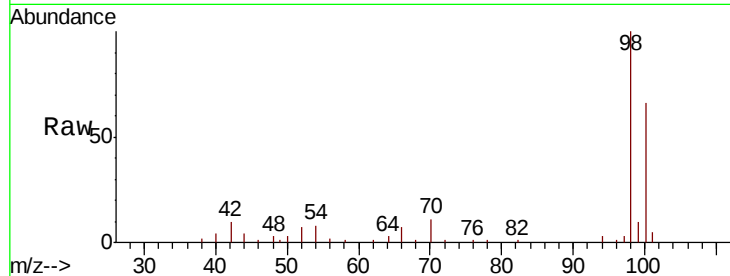




#50
Toluene-d8
Concen: 46.916 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

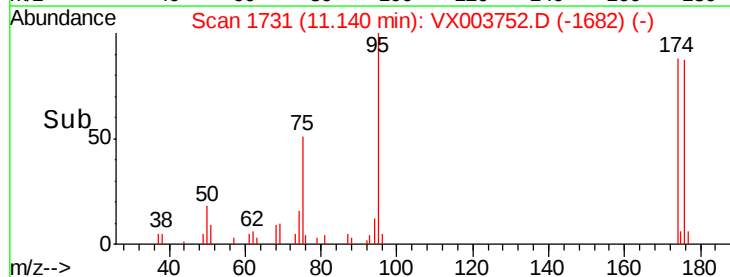
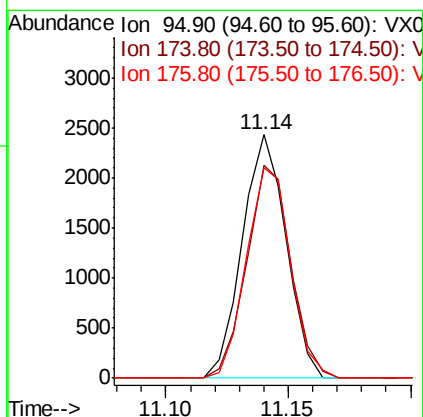
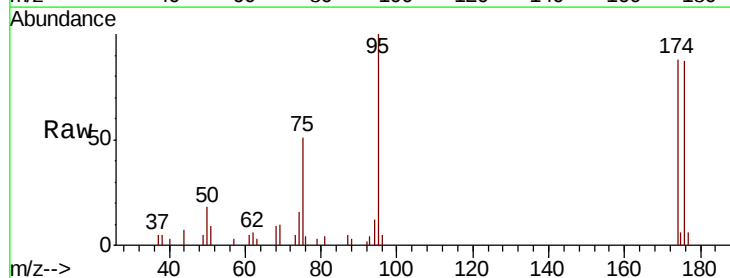
Instrument :
MSVOA_X
ClientSampleId :
SB-8(3-5)

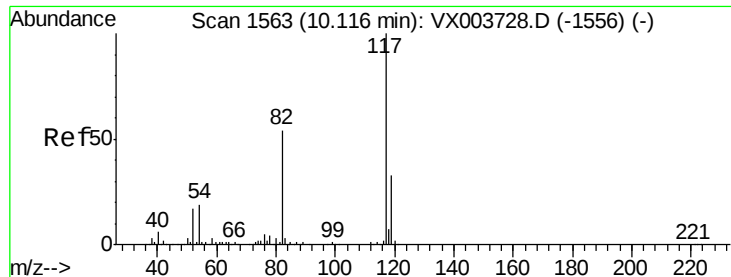
Tgt Ion: 98 Resp: 11465
Ion Ratio Lower Upper
98 100
100 62.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 33.673 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Tgt Ion: 95 Resp: 3034
Ion Ratio Lower Upper
95 100
174 88.1 0.0 186.2
176 87.2 0.0 179.2

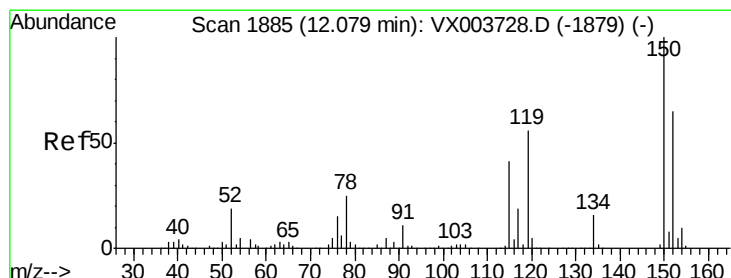
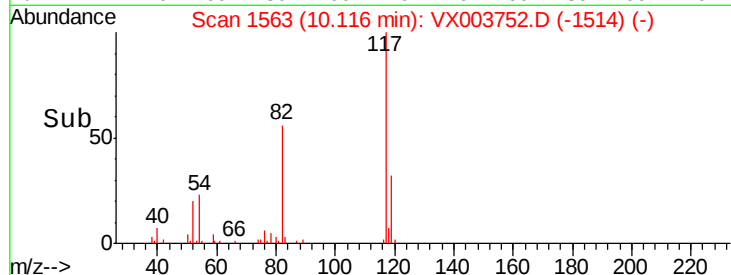
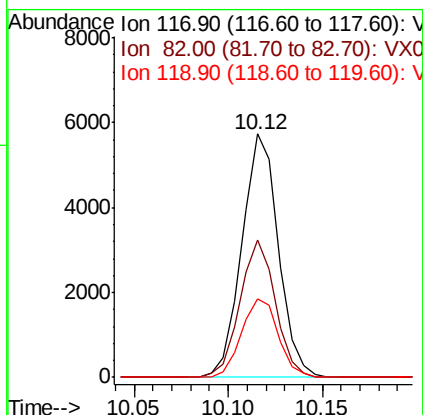
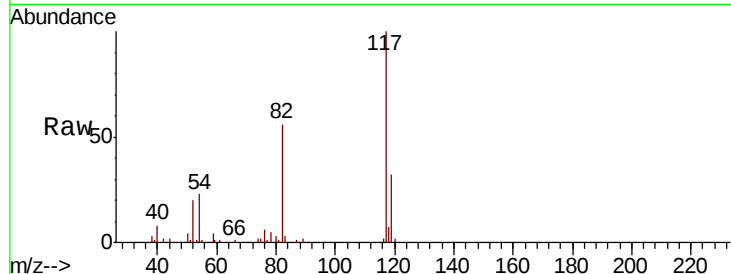




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

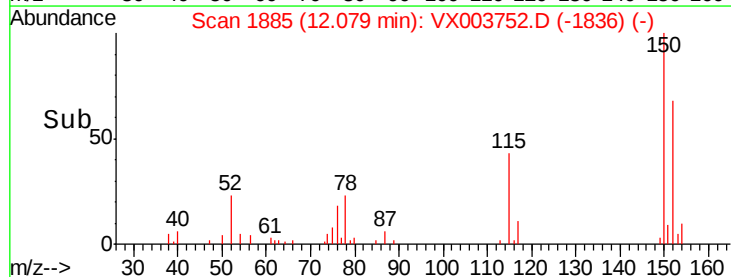
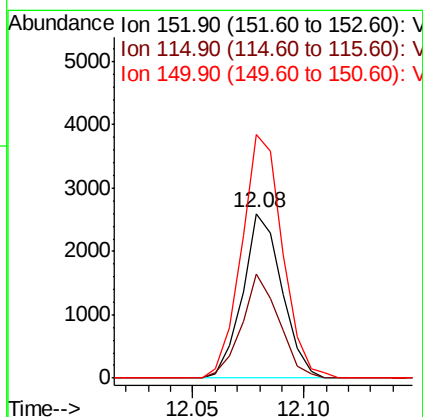
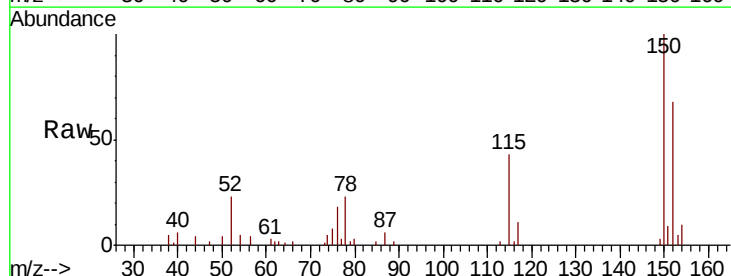
Instrument :
MSVOA_X
ClientSampleId :
SB-8(3-5)

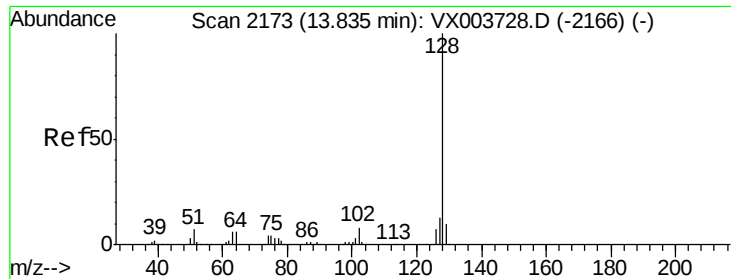
Tgt Ion:117 Resp: 7666
Ion Ratio Lower Upper
117 100
82 56.3 43.2 64.8
119 32.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Tgt Ion:152 Resp: 3198
Ion Ratio Lower Upper
152 100
115 60.3 38.5 115.3
150 153.8 0.0 346.2





#95
Naphthalene
Concen: 5.286 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003752.D
Acq: 31 Jul 2018 16:09

Instrument :
MSVOA_X
ClientSampleId :
SB-8(3-5)

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.2
129	7.9	8.7	13.1#

