

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004054.D
 Acq On : 15 Aug 2018 03:27
 Operator : JC/MD
 Sample : J4438-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB4-SRI3

Quant Time: Aug 15 15:52:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	271167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	429214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	398925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216316	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	202660	53.04	ug/l	0.00
Spiked Amount						
			Recovery	=	106.08%	
35) Dibromofluoromethane	5.51	113	166273	51.76	ug/l	0.00
Spiked Amount						
			Recovery	=	103.52%	
50) Toluene-d8	8.72	98	614928	47.21	ug/l	0.00
Spiked Amount						
			Recovery	=	94.42%	
62) 4-Bromofluorobenzene	11.14	95	207888	44.01	ug/l	0.00
Spiked Amount						
			Recovery	=	88.02%	

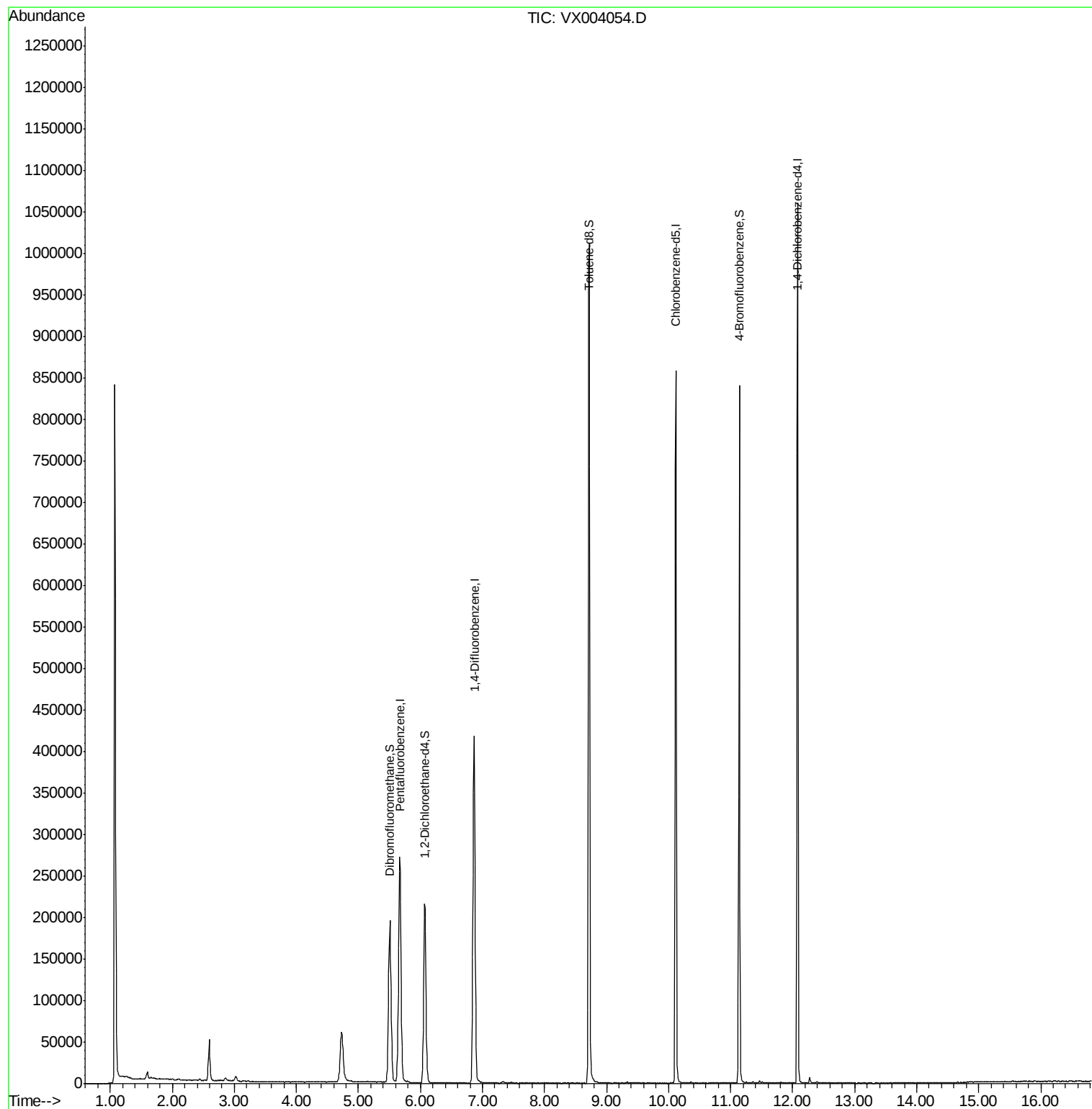
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004054.D

Acq: 15 Aug 2018 03:27

Instrument :

MSVOA_X

ClientSampleId :

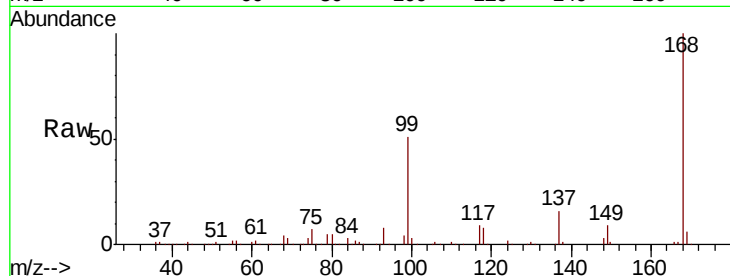
RB4-SRI3

Tot Ion:168 Resp: 271167

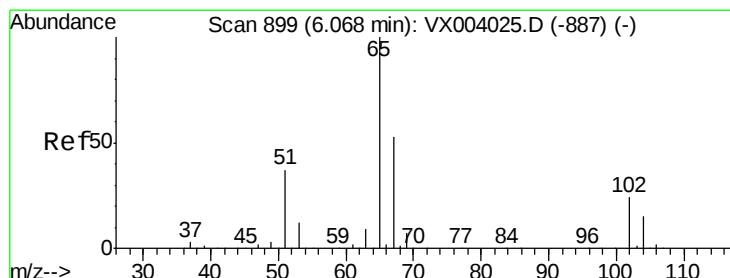
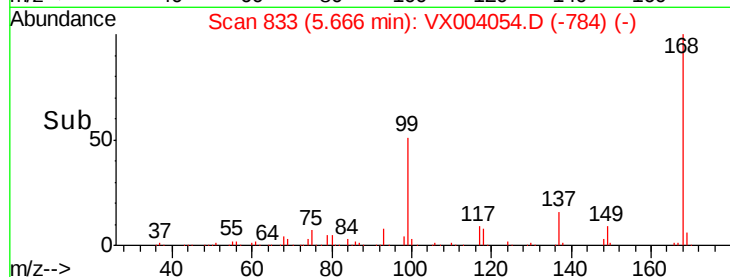
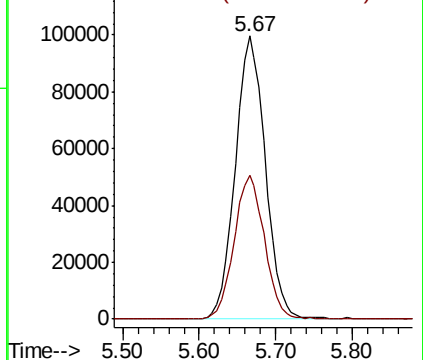
Ion Ratio Lower Upper

168 100

99 50.7 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX004025.D (-819) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.04 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004054.D

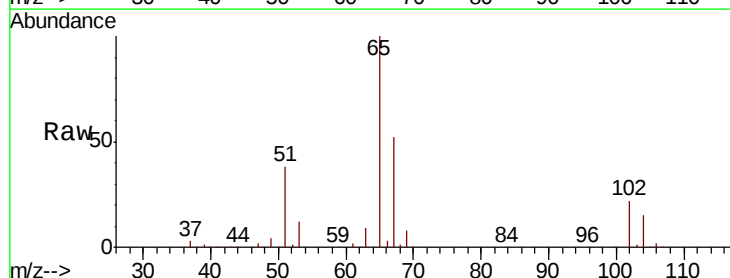
Acq: 15 Aug 2018 03:27

Tgt Ion: 65 Resp: 202660

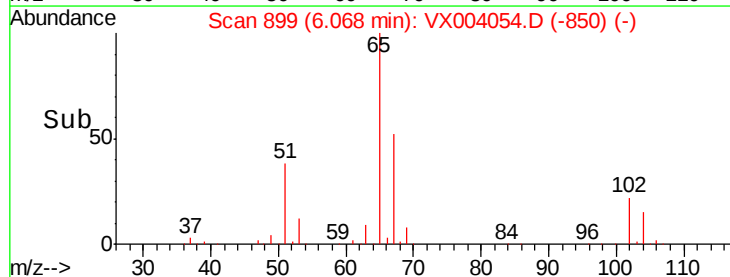
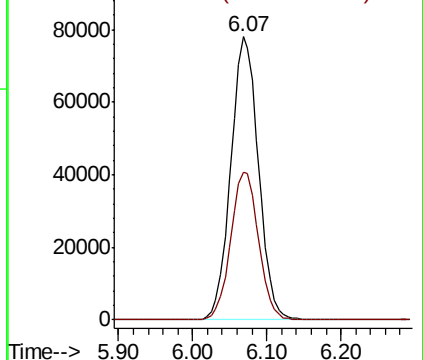
Ion Ratio Lower Upper

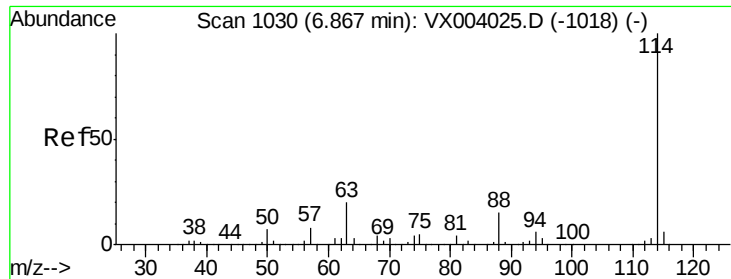
65 100

67 52.7 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX004025.D (-887) (-)

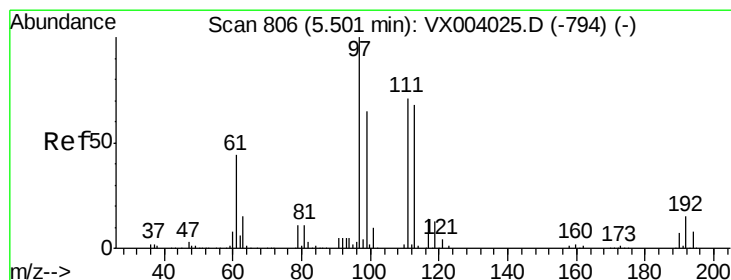
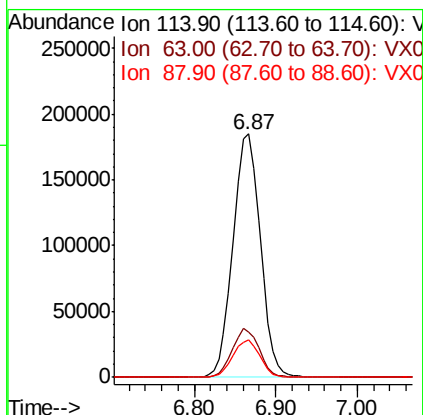
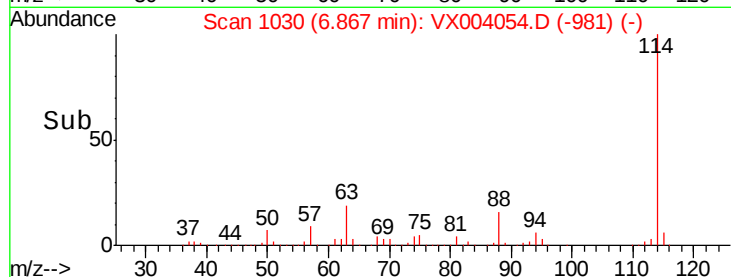
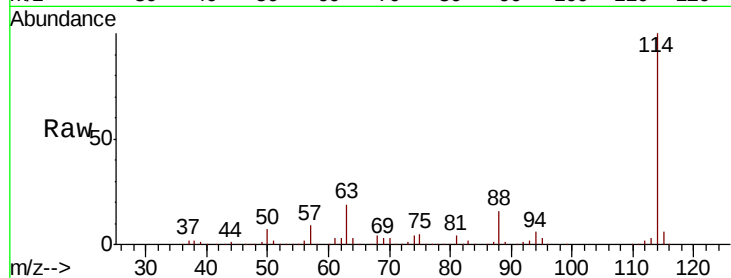




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004054.D
 Acq: 15 Aug 2018 03:27

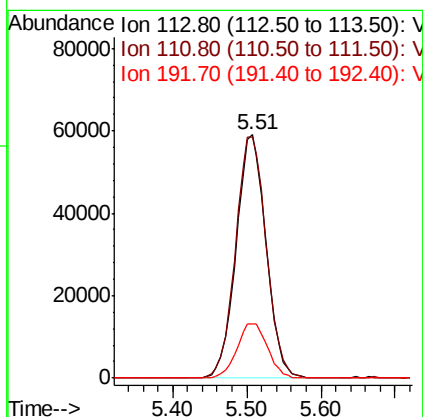
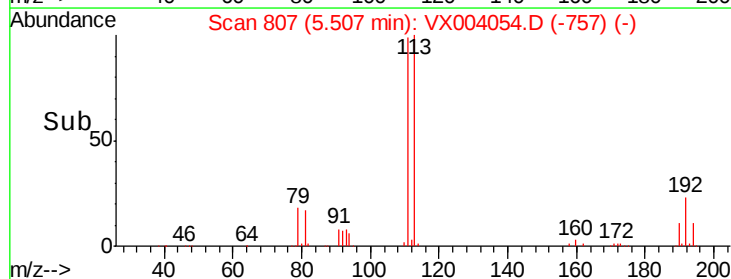
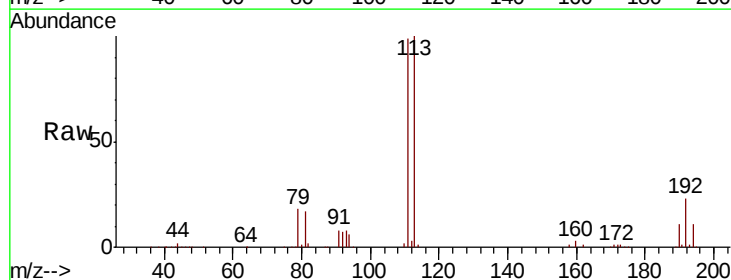
Instrument :
 MSVOA_X
 ClientSampleId :
 RB4-SRI3

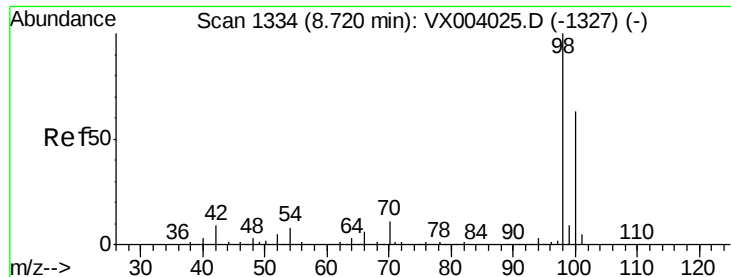
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	39.0
88	15.6	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.76 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004054.D
 Acq: 15 Aug 2018 03:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.1	19.0	28.4





#50

Toluene-d8

Concen: 47.21 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004054.D

Acq: 15 Aug 2018 03:27

Instrument :

MSVOA_X

ClientSampleId :

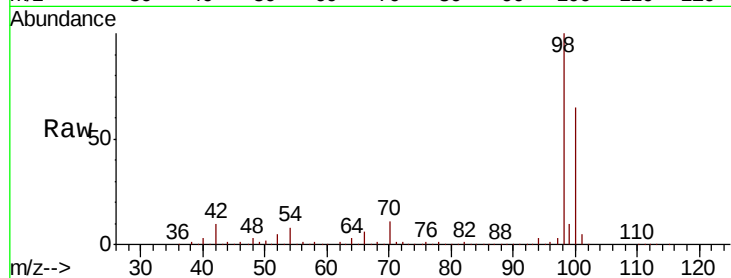
RB4-SRI3

Tot Ion: 98 Resp: 614928

Ion Ratio Lower Upper

98 100

100 65.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

300000

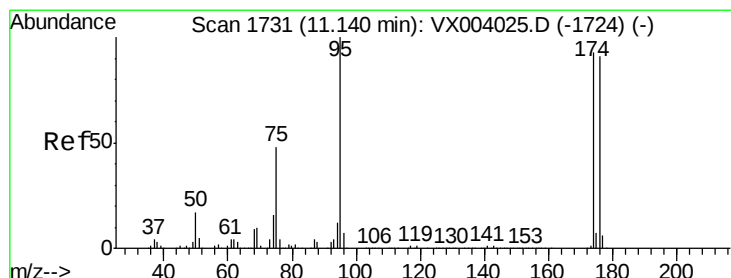
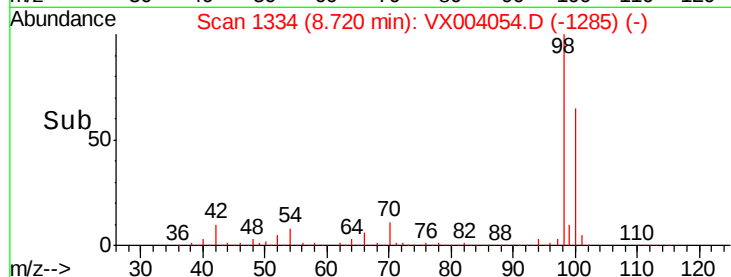
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 44.01 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004054.D

Acq: 15 Aug 2018 03:27

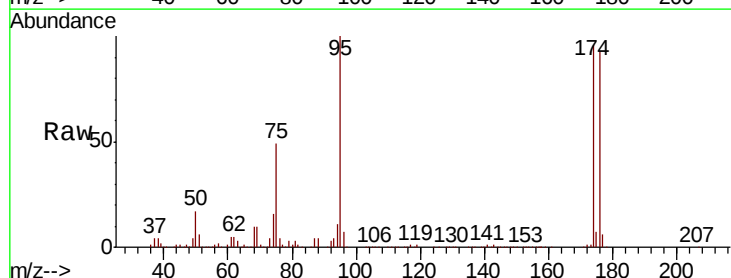
Tgt Ion: 95 Resp: 207888

Ion Ratio Lower Upper

95 100

174 92.1 0.0 182.8

176 88.8 0.0 179.0



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

200000

150000

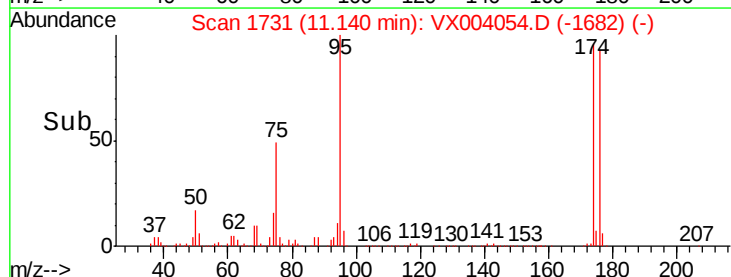
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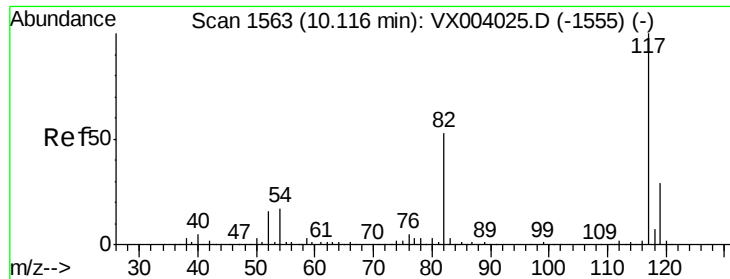
50000

0

11.10 11.20

Time-->

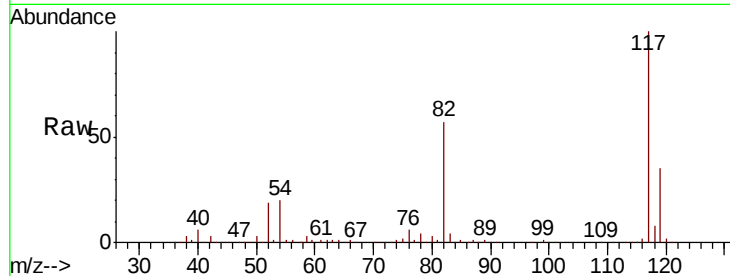




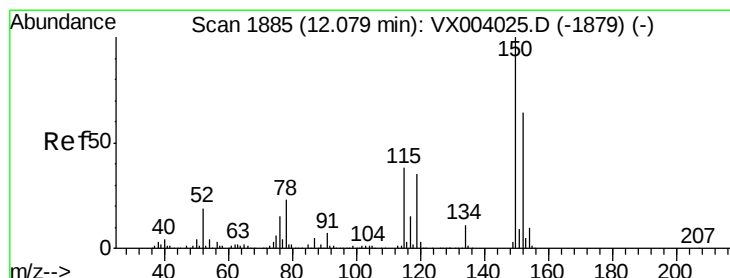
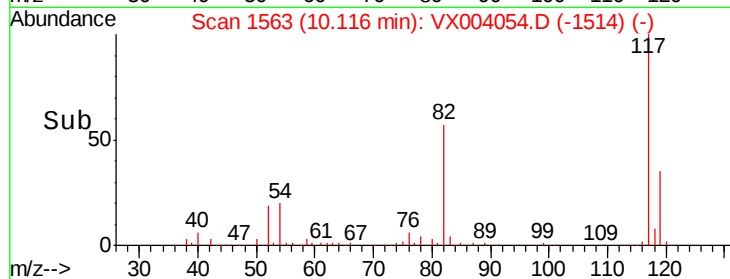
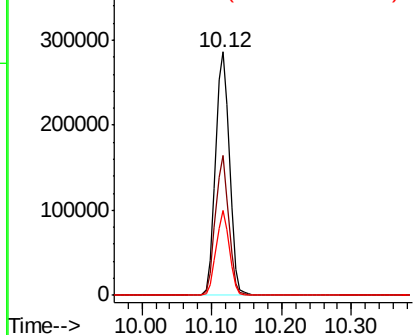
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004054.D
Acq: 15 Aug 2018 03:27

Instrument :
MSVOA_X
ClientSampleId :
RB4-SRI3

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.4	68.0
119	34.8	26.6	40.0

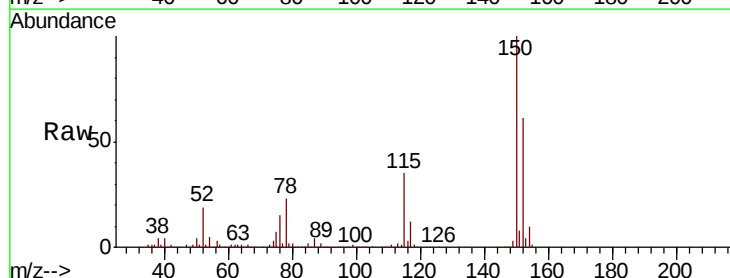


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004054.D
Acq: 15 Aug 2018 03:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	39.1	117.3
150	157.8	0.0	349.2



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

