

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004084.D
 Acq On : 15 Aug 2018 20:28
 Operator : JC/MD
 Sample : J4439-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB4-SRI3

Quant Time: Aug 16 16:57:50 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	247684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	365168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	196783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	183585	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	5.51	113	156037	55.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.02%	
50) Toluene-d8	8.72	98	549805	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.14	95	187049	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

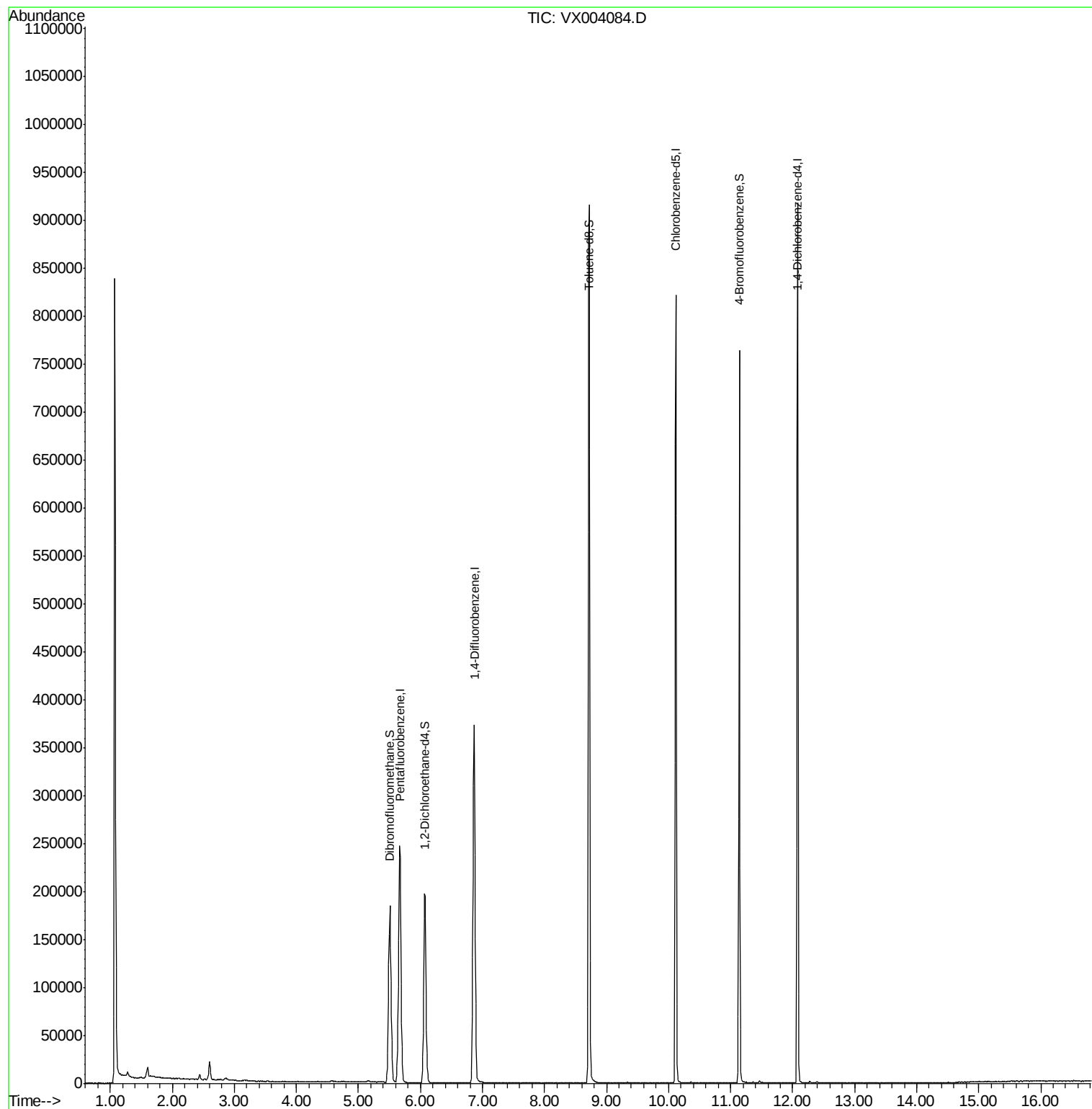
Target Compounds	Qvalue

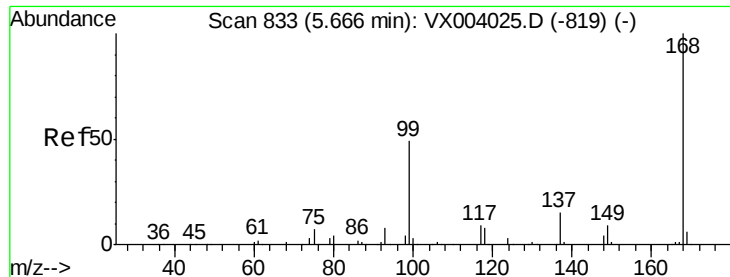
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004084.D

Acq: 15 Aug 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

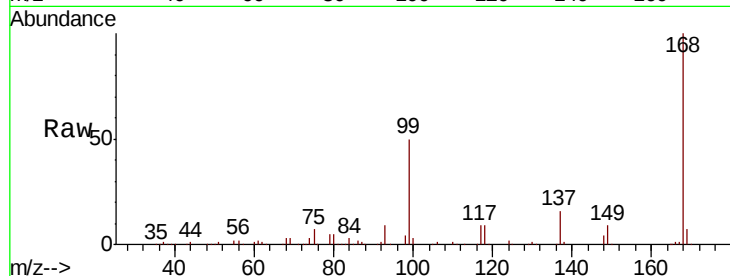
TB4-SRI3

Tot Ion:168 Resp: 247684

Ion Ratio Lower Upper

168 100

99 50.2 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

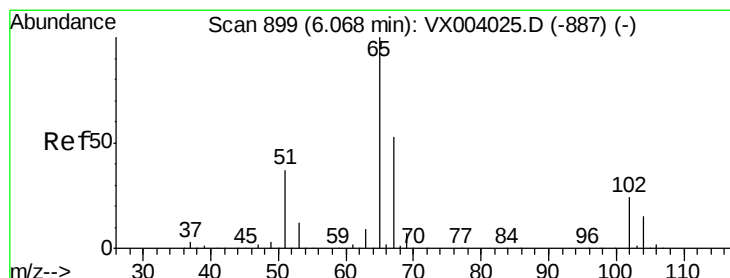
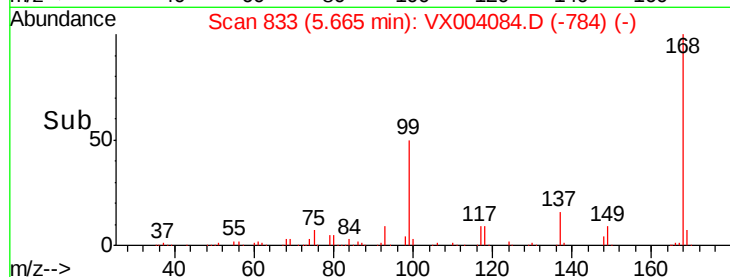
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.61 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.00 min

Lab File: VX004084.D

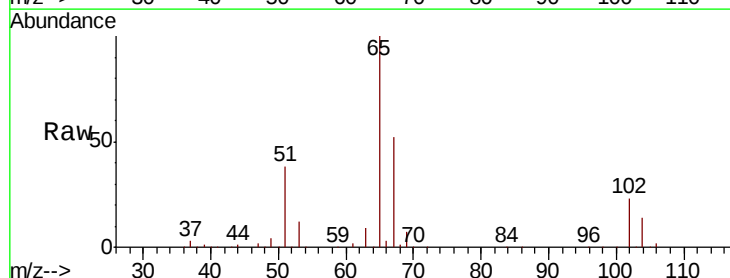
Acq: 15 Aug 2018 20:28

Tgt Ion: 65 Resp: 183585

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

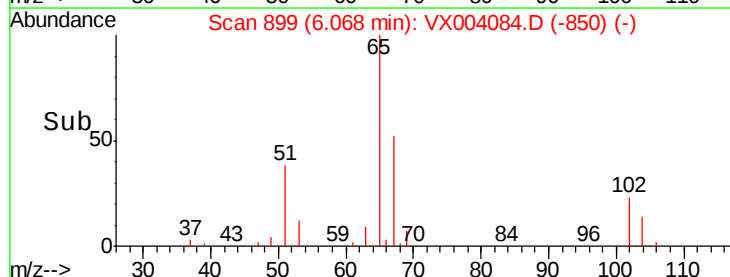
60000

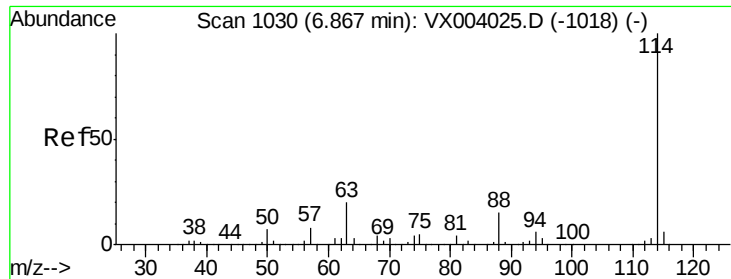
40000

20000

0

Time--> 6.00 6.10 6.20

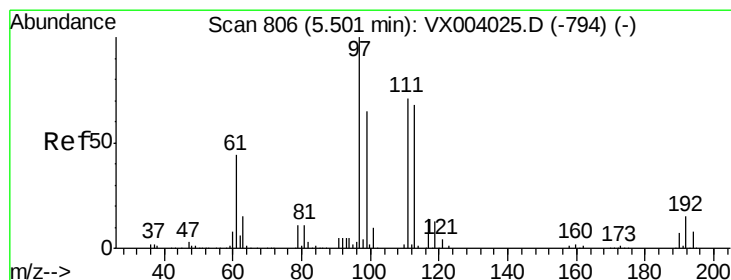
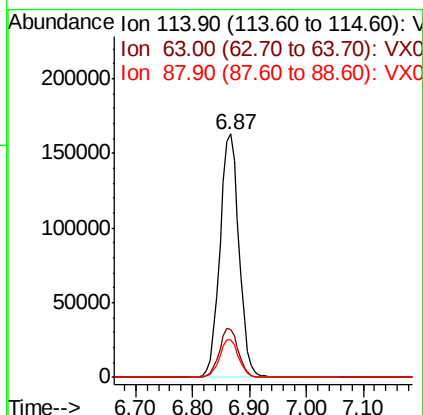
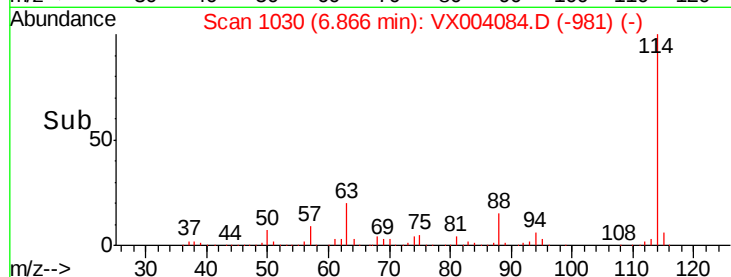
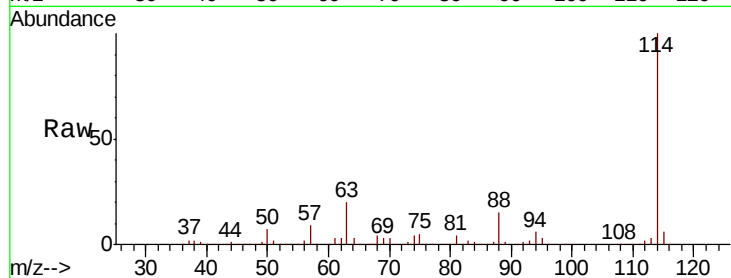




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004084.D
 Acq: 15 Aug 2018 20:28

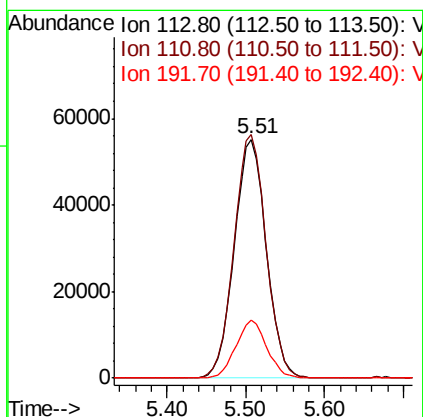
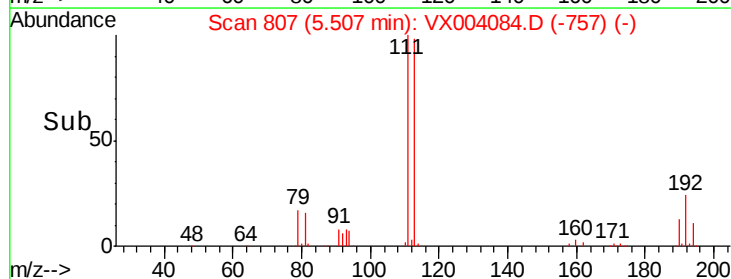
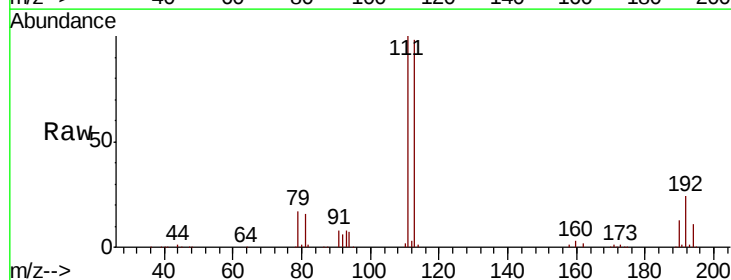
Instrument :
 MSVOA_X
 ClientSampleId :
 TB4-SRI3

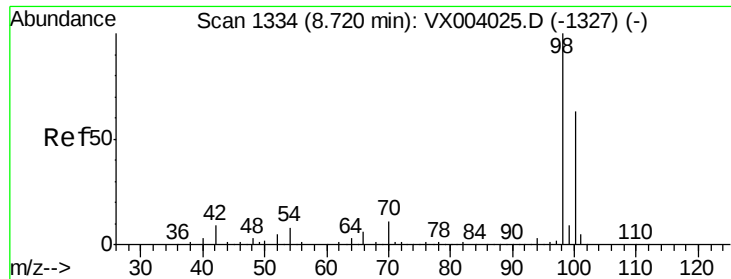
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	15.4	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 55.01 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004084.D
 Acq: 15 Aug 2018 20:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.4	19.0	28.4

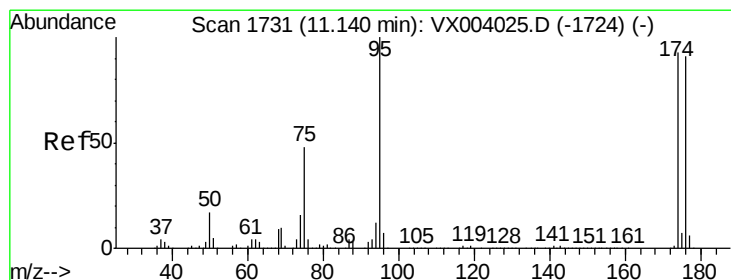
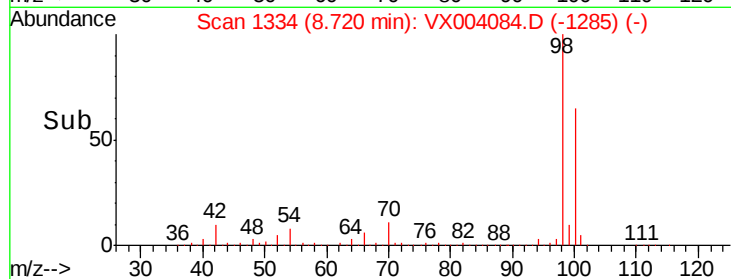
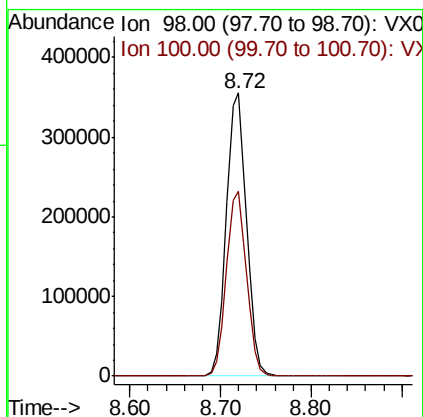
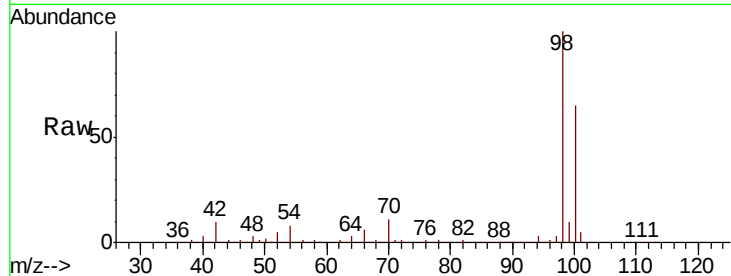




#50
Toluene-d8
Concen: 47.81 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX004084.D
Acq: 15 Aug 2018 20:28

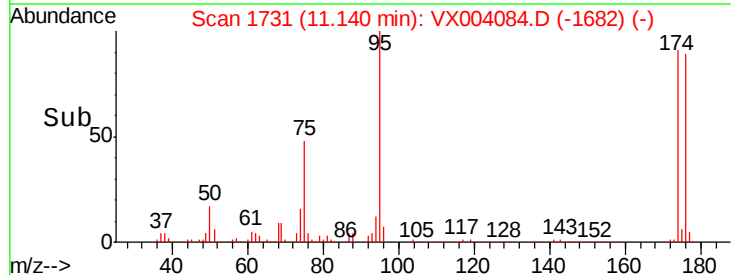
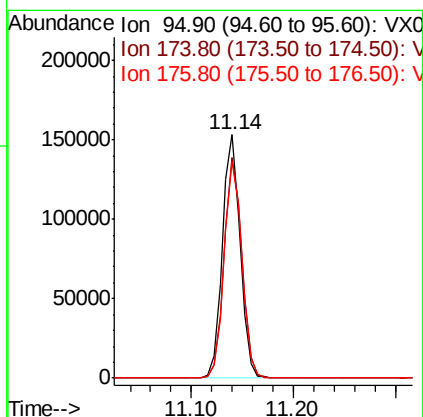
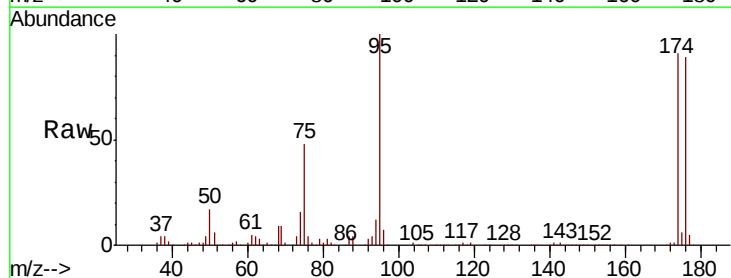
Instrument :
MSVOA_X
ClientSampleId :
TB4-SRI3

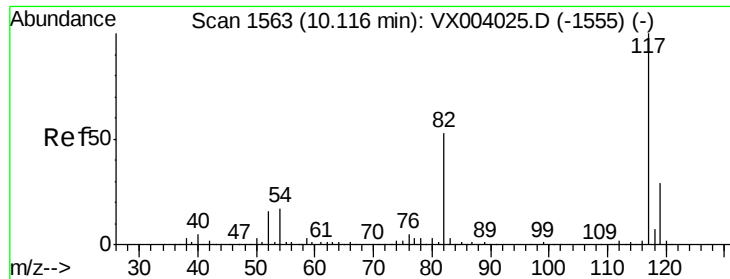
Tot Ion: 98 Resp: 549805
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.84 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004084.D
Acq: 15 Aug 2018 20:28

Tgt Ion: 95 Resp: 187049
Ion Ratio Lower Upper
95 100
174 90.8 0.0 182.8
176 88.5 0.0 179.0

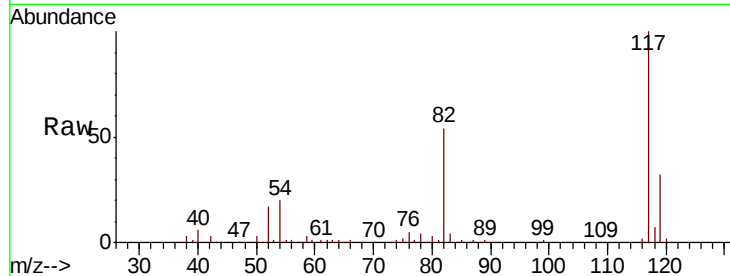




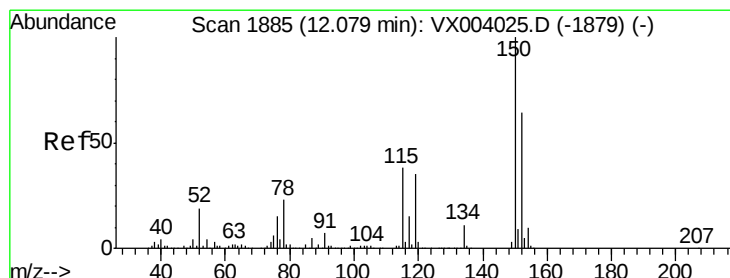
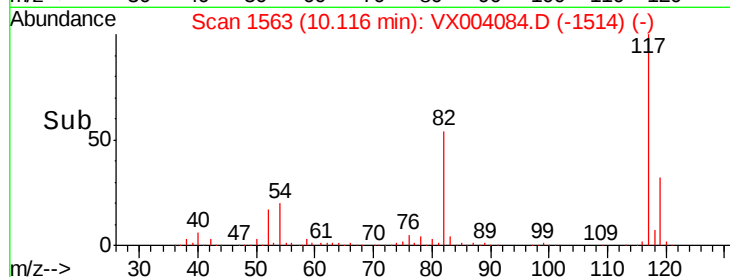
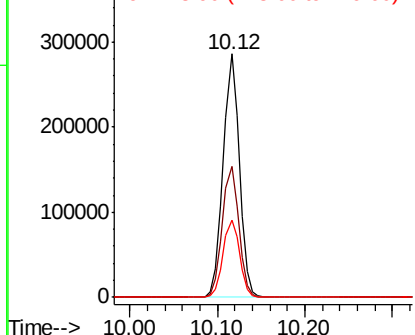
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004084.D
Acq: 15 Aug 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :
TB4-SRI3

Tot Ion:117 Resp: 365168
Ion Ratio Lower Upper
117 100
82 53.5 45.4 68.0
119 31.6 26.6 40.0

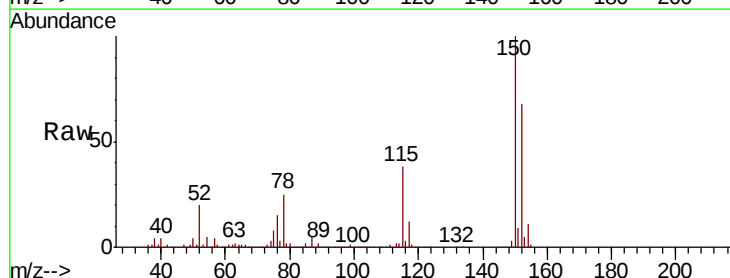


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004084.D
Acq: 15 Aug 2018 20:28

Tgt Ion:152 Resp: 196783
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.3
150 152.9 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

