

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004085.D
 Acq On : 15 Aug 2018 20:54
 Operator : JC/MD
 Sample : J4489-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SES-MS-PH4-COA-3QTR

Quant Time: Aug 16 16:58:22 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	245714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186289	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181494	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	5.51	113	155346	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
50) Toluene-d8	8.72	98	538842	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.14	95	181388	43.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.68%	

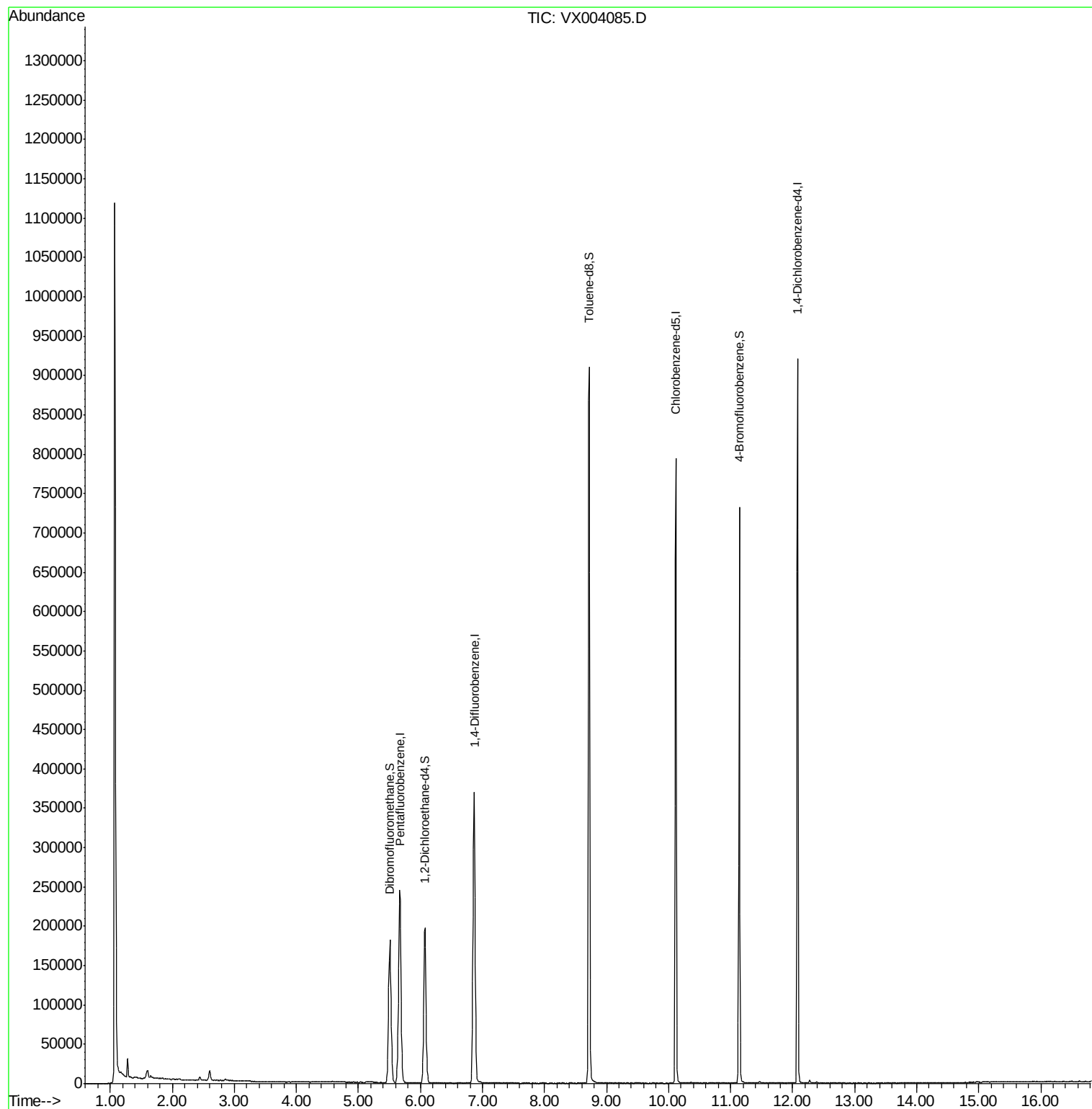
Target Compounds	Qvalue
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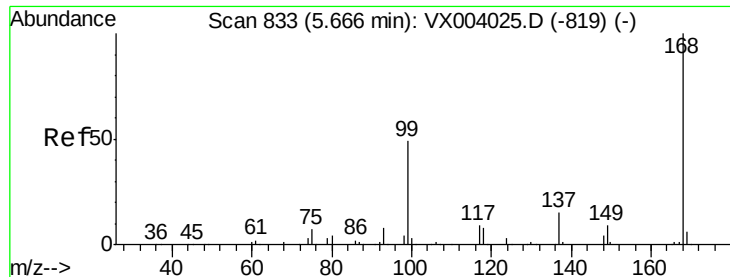
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004085.D

Acq: 15 Aug 2018 20:54

Instrument :

MSVOA_X

ClientSampleId :

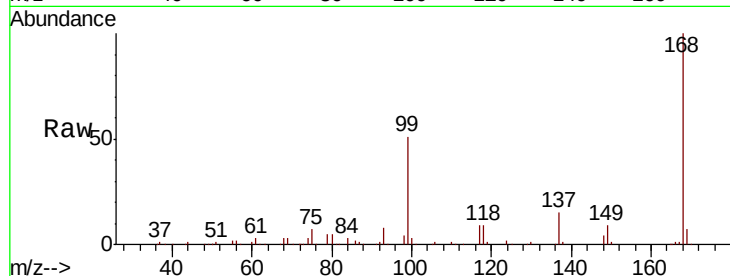
SES-MS-PH4-COA-3QTR

Tot Ion:168 Resp: 245714

Ion Ratio Lower Upper

168 100

99 51.0 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

100000

80000

60000

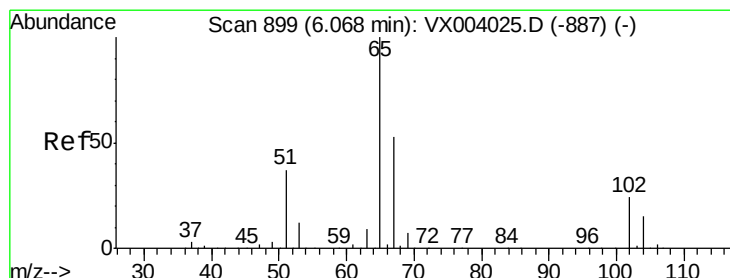
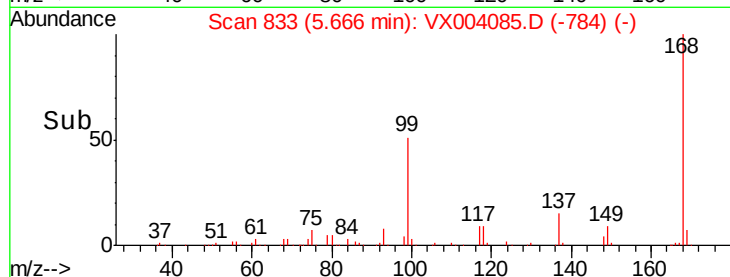
40000

20000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.42 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX004085.D

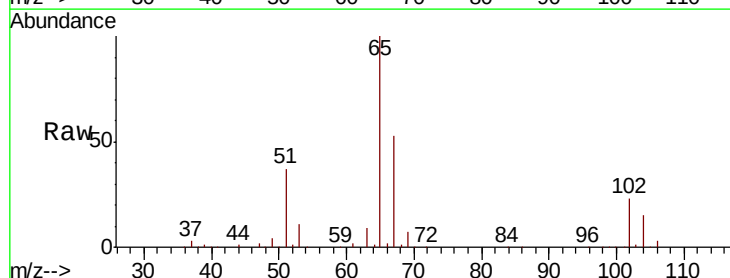
Acq: 15 Aug 2018 20:54

Tgt Ion: 65 Resp: 181494

Ion Ratio Lower Upper

65 100

67 52.8 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

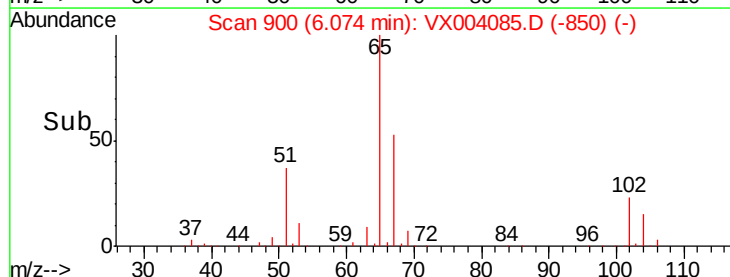
40000

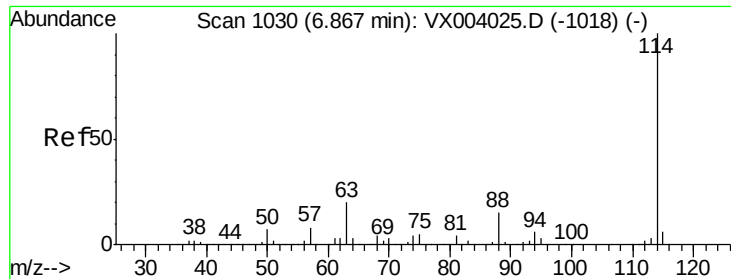
20000

0

Time-->

5.90 6.00 6.10 6.20

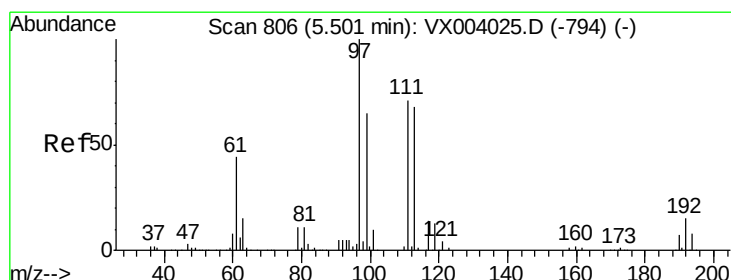
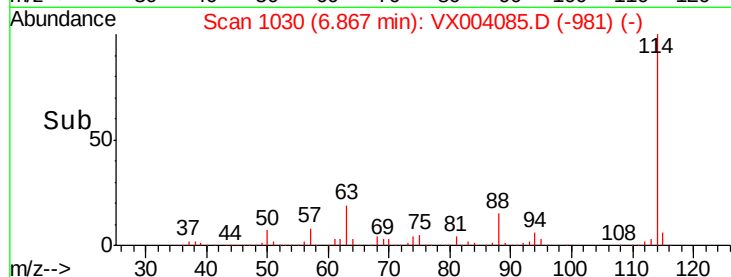
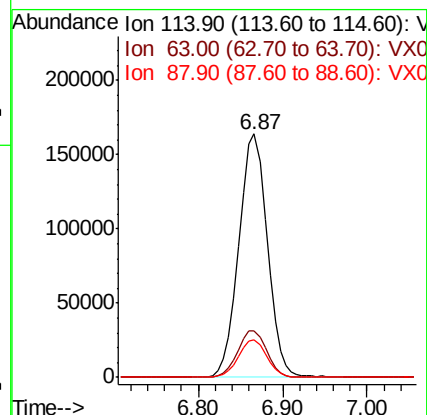
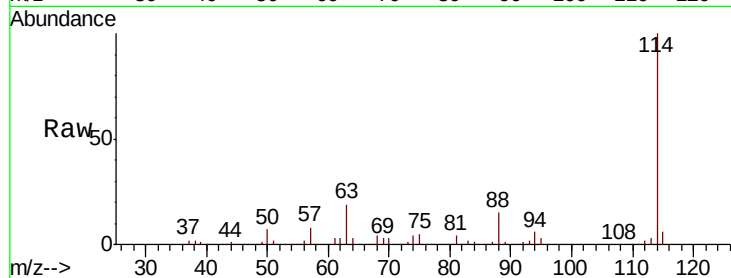




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004085.D
 Acq: 15 Aug 2018 20:54

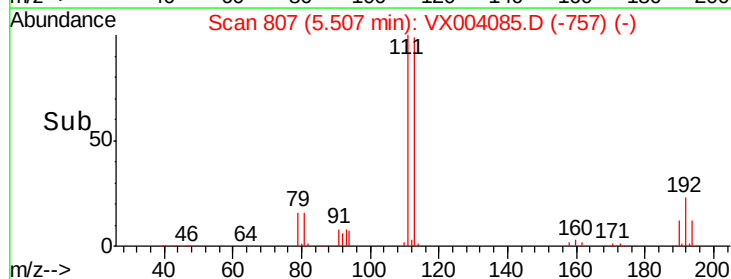
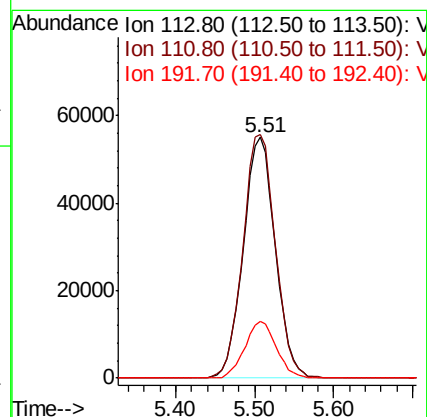
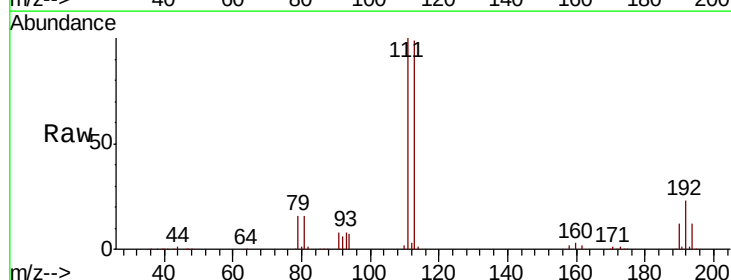
Instrument :
 MSVOA_X
 ClientSampleId :
 SES-MS-PH4-COA-3QTR

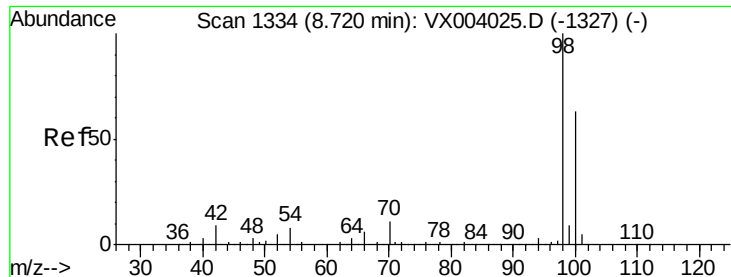
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.0
88	15.2	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 55.21 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004085.D
 Acq: 15 Aug 2018 20:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	23.1	19.0	28.4





#50

Toluene-d8

Concen: 47.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX004085.D

Acq: 15 Aug 2018 20:54

Instrument :

MSVOA_X

ClientSampleId :

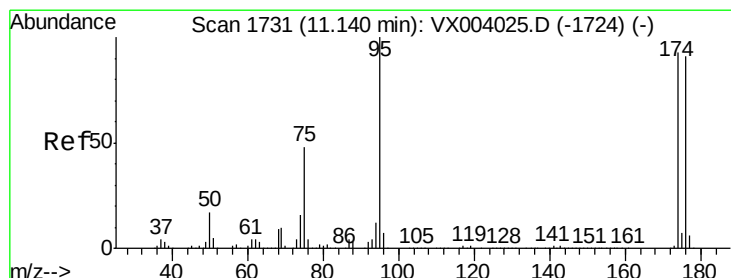
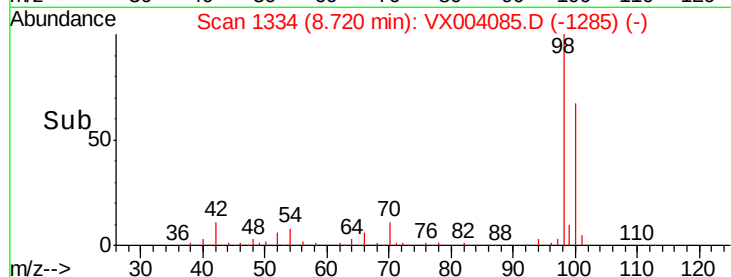
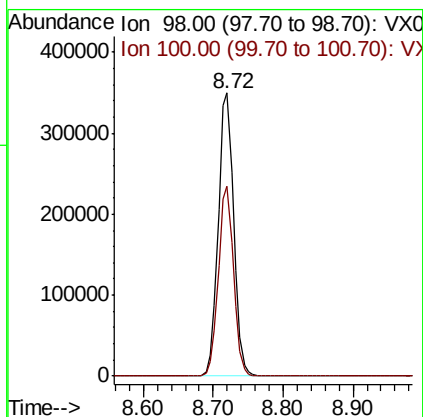
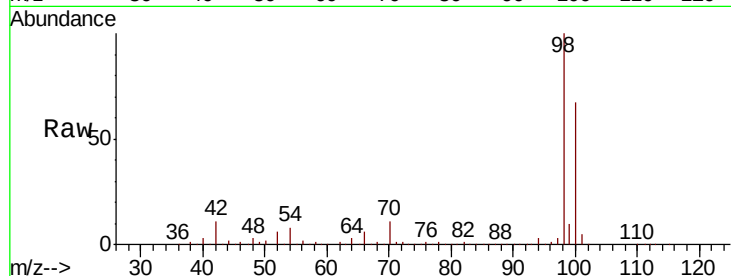
SES-MS-PH4-COA-3QTR

Tot Ion: 98 Resp: 538842

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 43.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004085.D

Acq: 15 Aug 2018 20:54

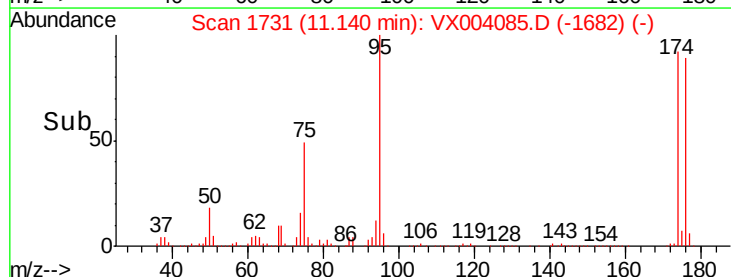
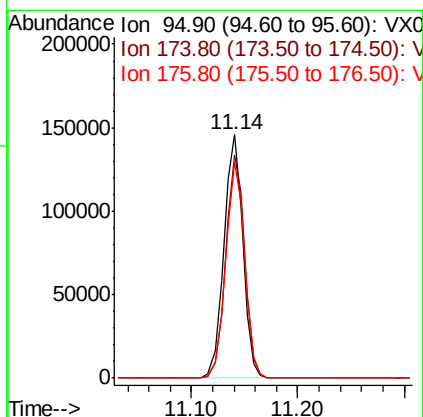
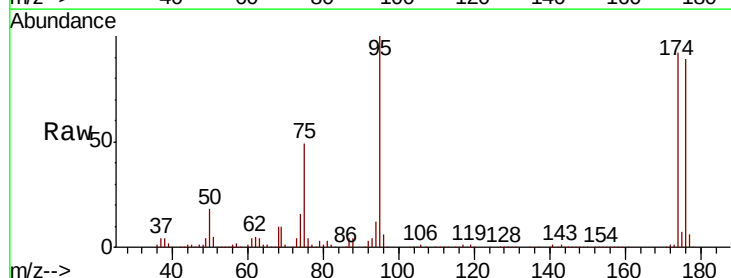
Tgt Ion: 95 Resp: 181388

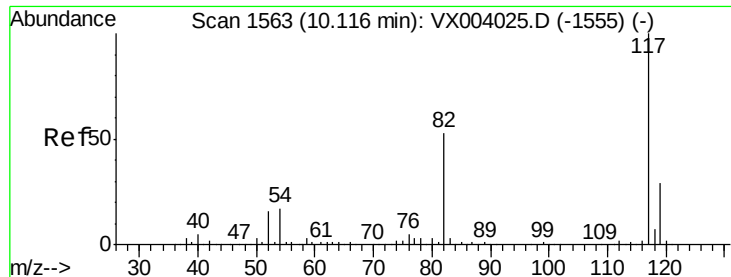
Ion Ratio Lower Upper

95 100

174 92.2 0.0 182.8

176 88.9 0.0 179.0

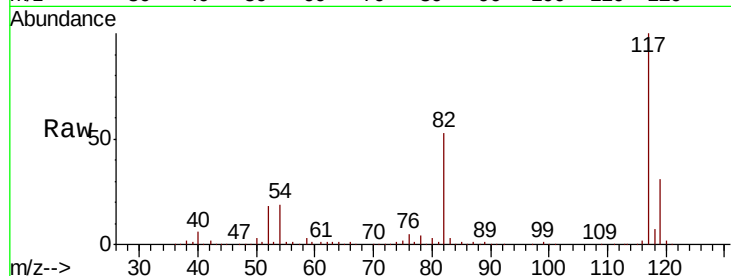




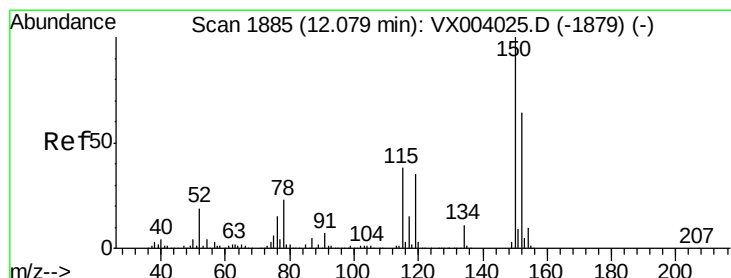
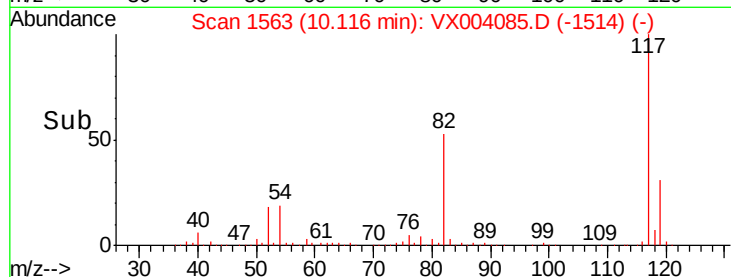
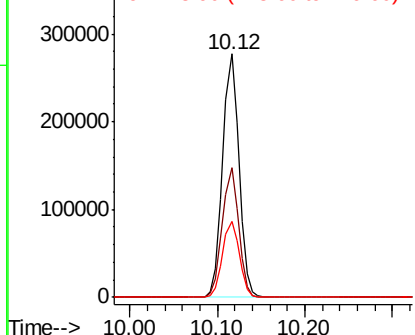
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004085.D
Acq: 15 Aug 2018 20:54

Instrument :
MSVOA_X
ClientSampleId :
SES-MS-PH4-COA-3QTR

Tot Ion:117 Resp: 357735
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.0
119 31.1 26.6 40.0

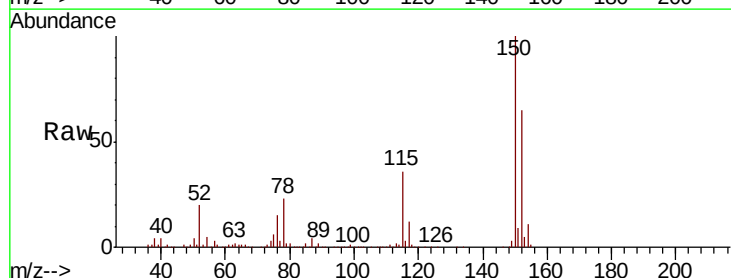


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004085.D
Acq: 15 Aug 2018 20:54

Tgt Ion:152 Resp: 186289
Ion Ratio Lower Upper
152 100
115 54.7 39.1 117.3
150 156.9 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

