

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003308.D
 Acq On : 11 Jul 2018 02:50
 Operator : JC/MD
 Sample : J3914-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B3

Quant Time: Jul 11 05:18:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	259216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	358627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	191061	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	164451	40.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.62%	
35) Dibromofluoromethane	5.51	113	140150	36.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.76%	
50) Toluene-d8	8.72	98	508800	37.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.36%	
62) 4-Bromofluorobenzene	11.14	95	174062	34.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.84%	

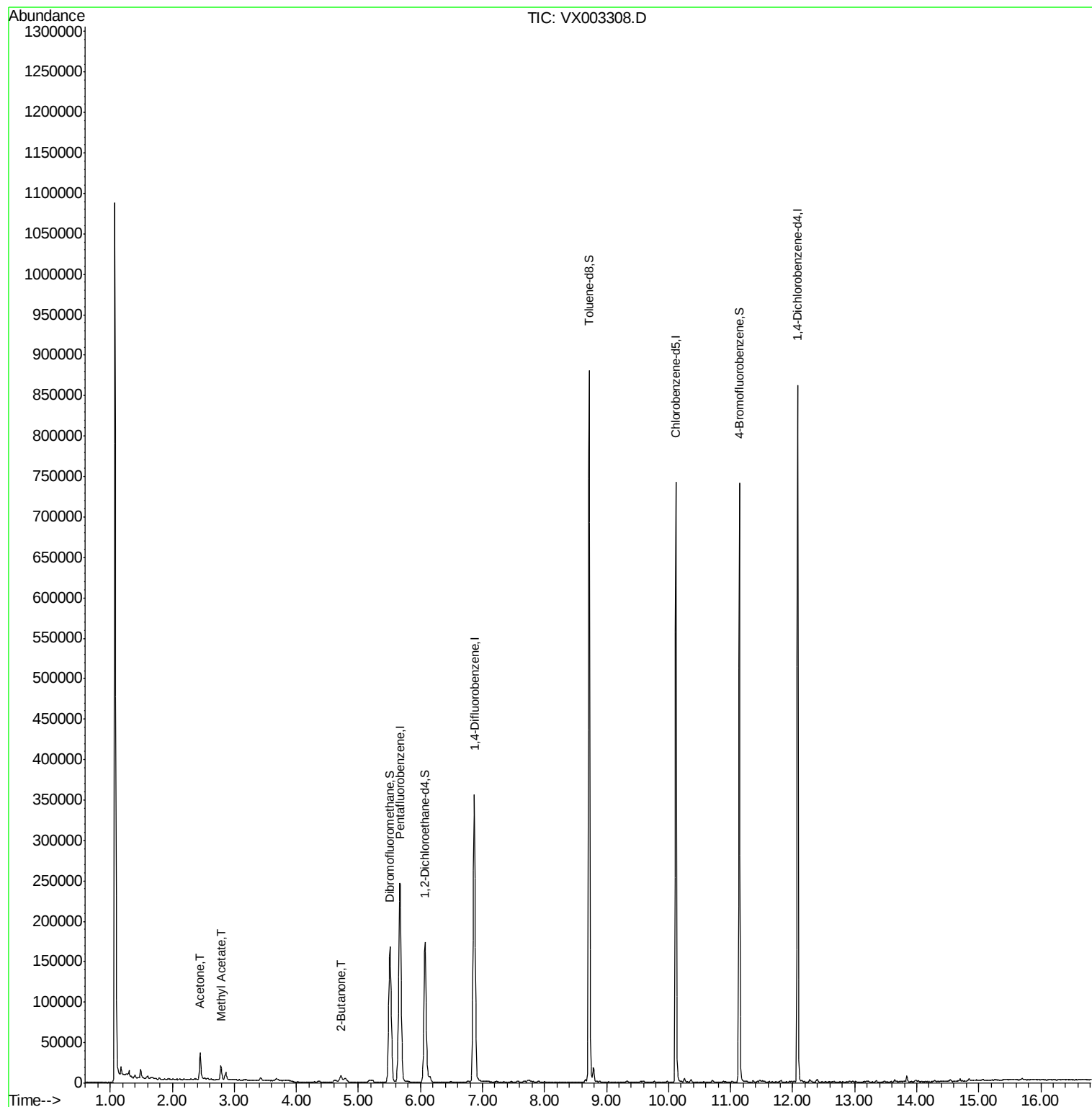
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	35694	24.65	ug/l	99
18) Methyl Acetate	2.78	43	19579	4.79	ug/l	96
25) 2-Butanone	4.71	43	15234	5.94	ug/l	94

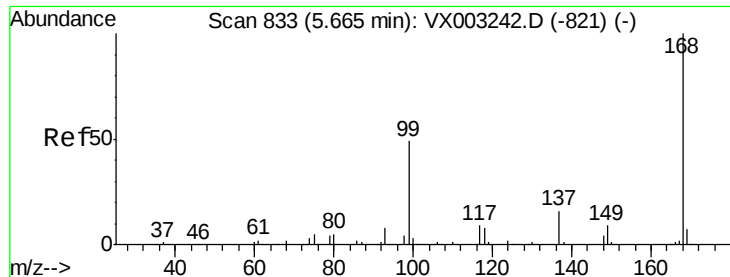
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003308.D

Acq: 11 Jul 2018 02:50

Instrument :

MSVOA_X

ClientSampled :

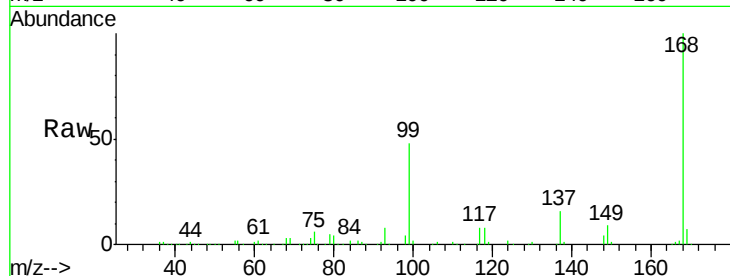
B3

Tot Ion:168 Resp: 259216

Ion Ratio Lower Upper

168 100

99 48.5 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

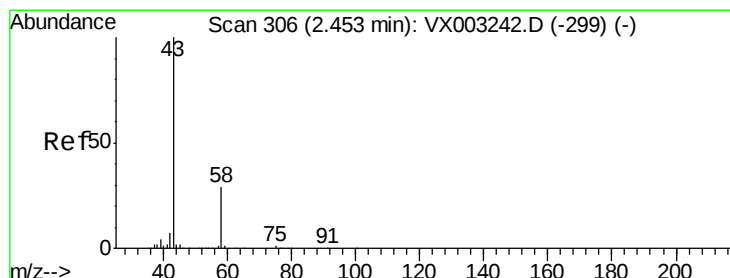
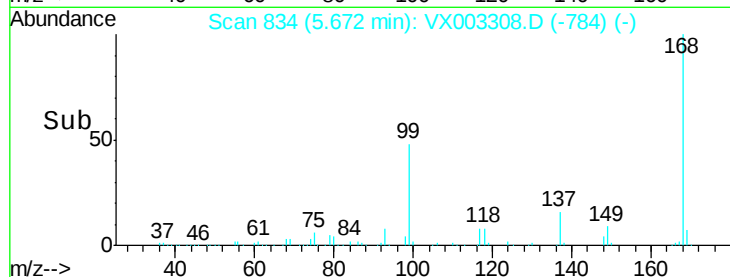
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 24.65 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003308.D

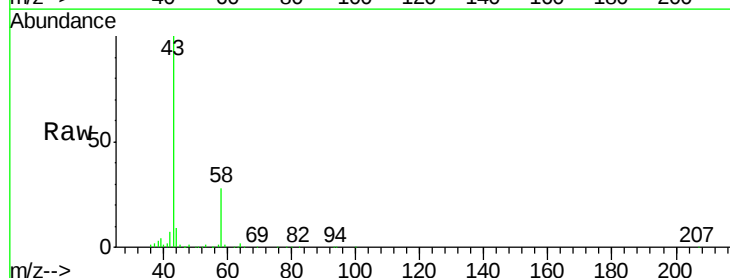
Acq: 11 Jul 2018 02:50

Tgt Ion: 43 Resp: 35694

Ion Ratio Lower Upper

43 100

58 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

25000

20000

15000

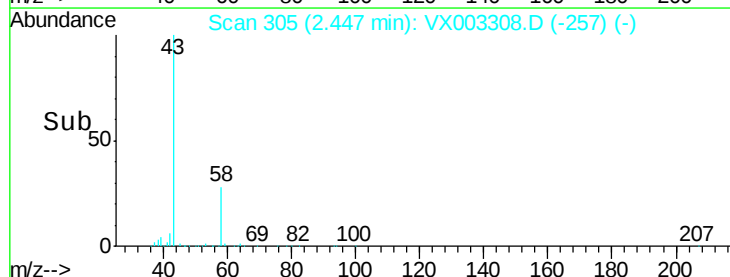
10000

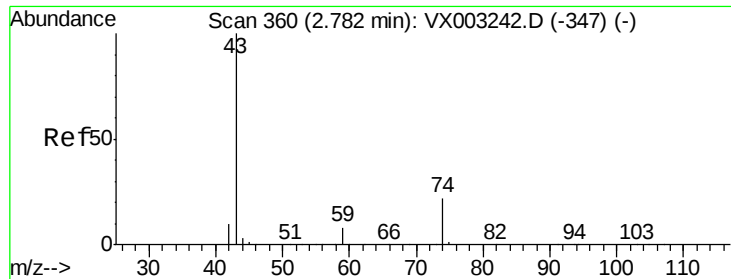
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55





#18

Methyl Acetate

Concen: 4.79 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003308.D

Acq: 11 Jul 2018 02:50

Instrument :

MSVOA_X

ClientSampled :

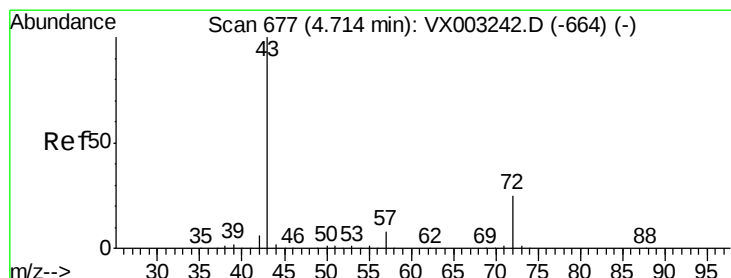
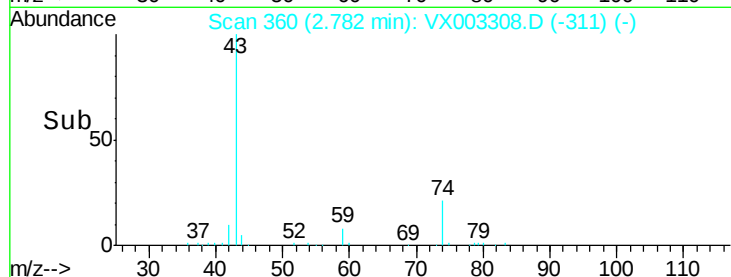
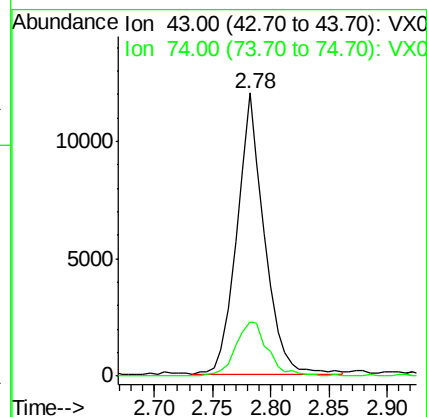
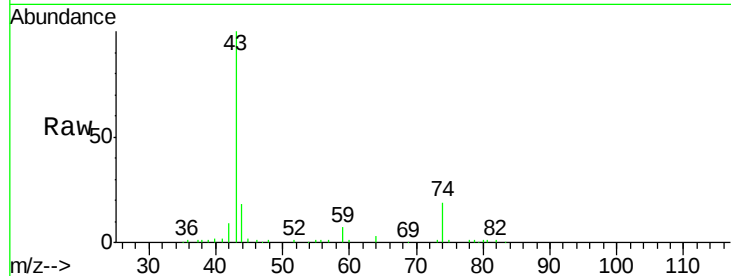
B3

Tot Ion: 43 Resp: 19579

Ion Ratio Lower Upper

43 100

74 22.6 16.7 25.1



#25

2-Butanone

Concen: 5.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003308.D

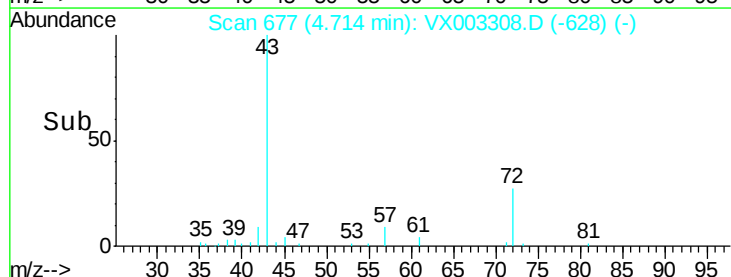
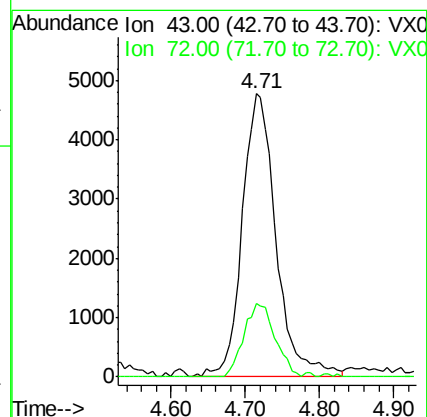
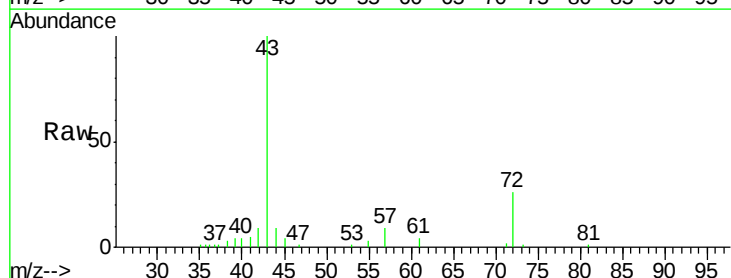
Acq: 11 Jul 2018 02:50

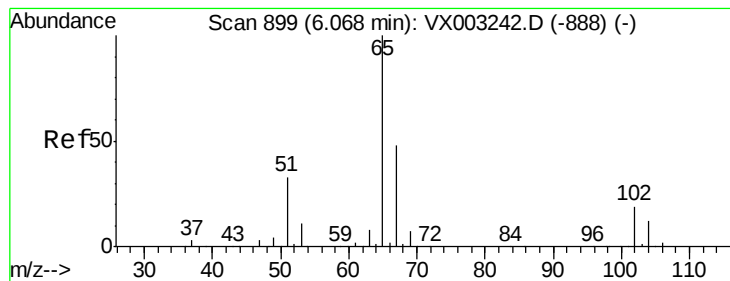
Tgt Ion: 43 Resp: 15234

Ion Ratio Lower Upper

43 100

72 26.1 18.5 27.7





#33

1,2-Dichloroethane-d4

Concen: 40.31 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003308.D

Acq: 11 Jul 2018 02:50

Instrument :

MSVOA_X

ClientSampleId :

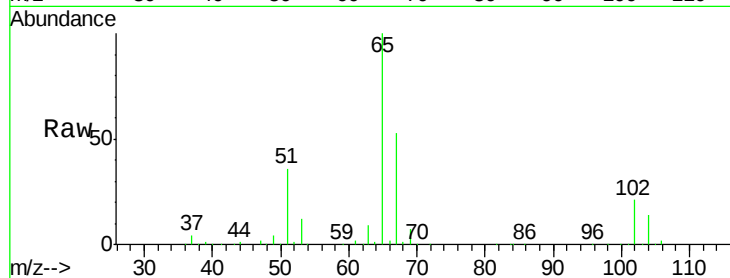
B3

Tot Ion: 65 Resp: 164451

Ion Ratio Lower Upper

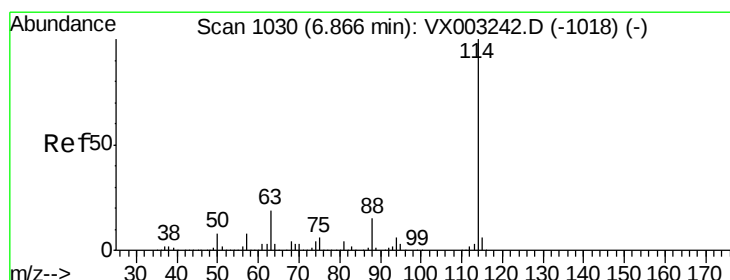
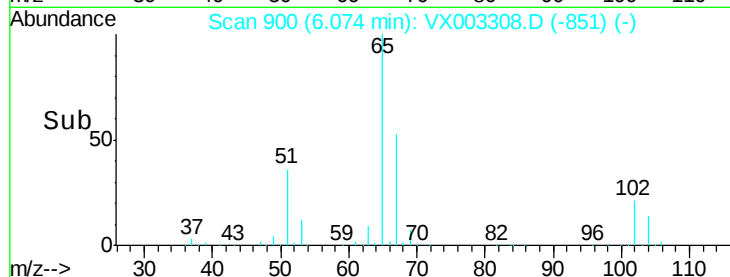
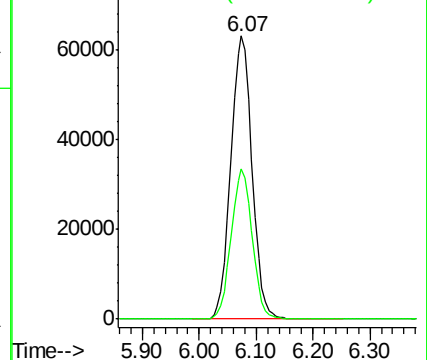
65 100

67 52.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003308.D

Acq: 11 Jul 2018 02:50

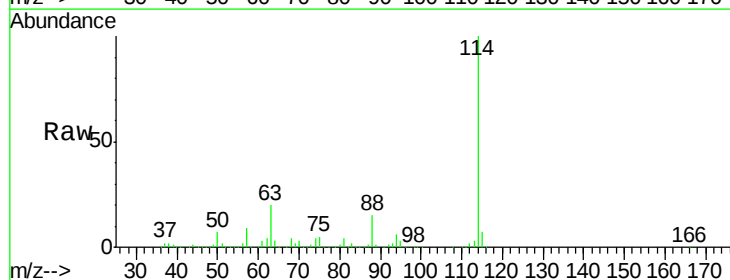
Tgt Ion: 114 Resp: 358627

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

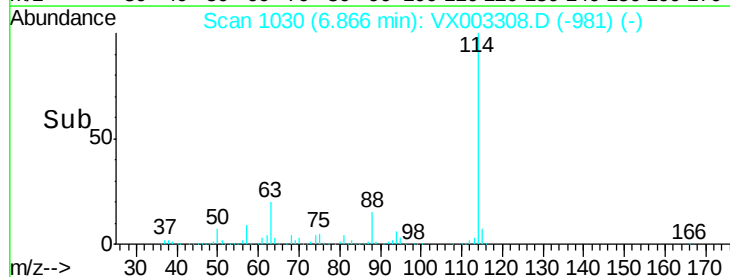
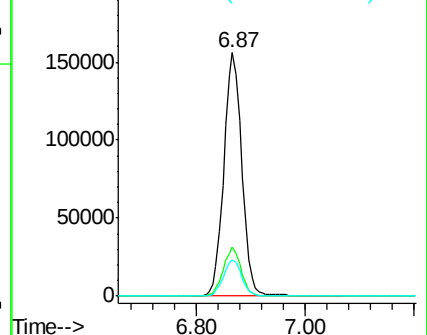
88 14.7 0.0 30.0

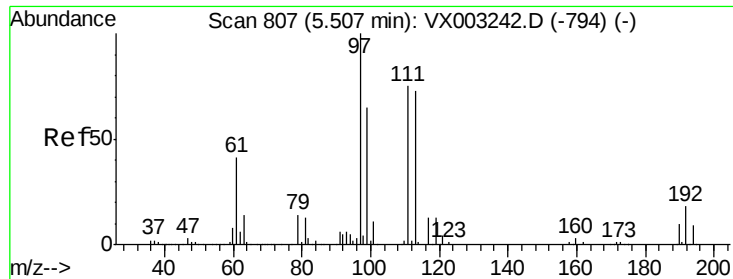


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

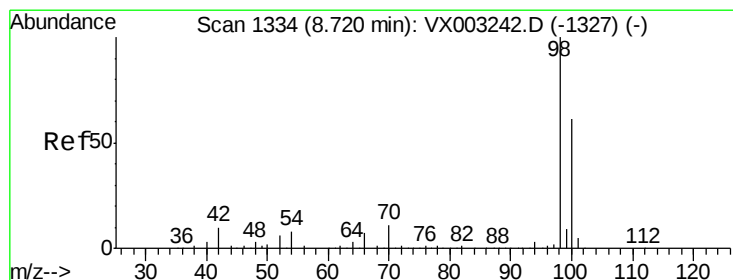
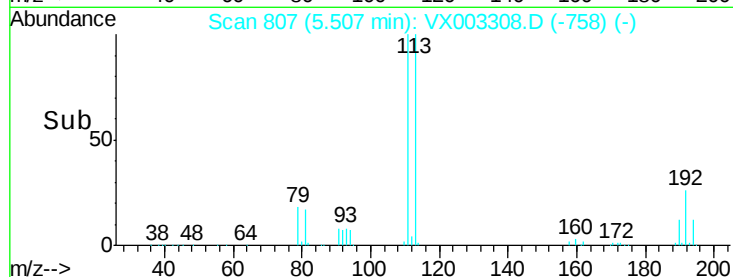
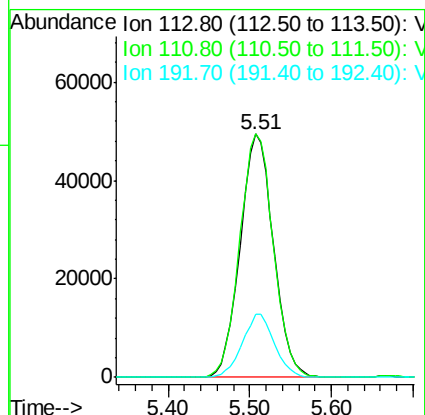
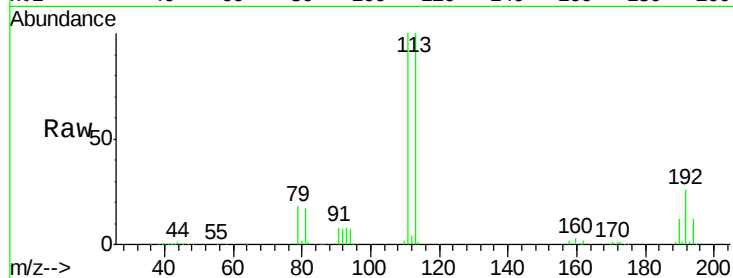




#35
Dibromofluoromethane
Concen: 36.38 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003308.D
Acq: 11 Jul 2018 02:50

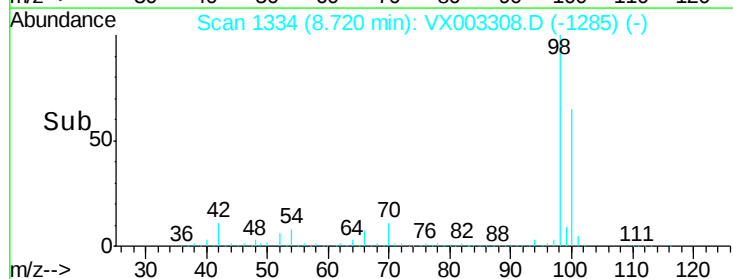
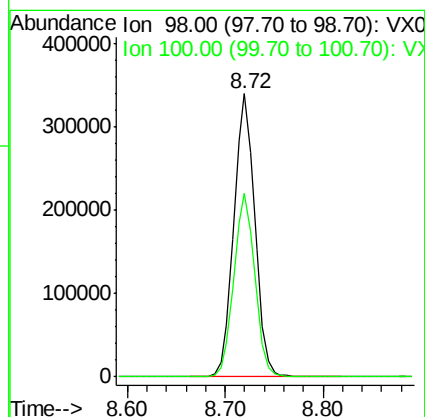
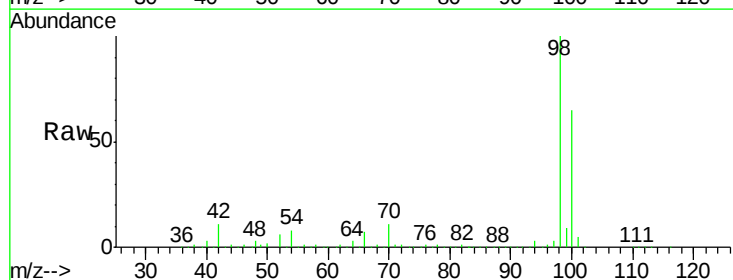
Instrument :
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ClientSampleId :
B3

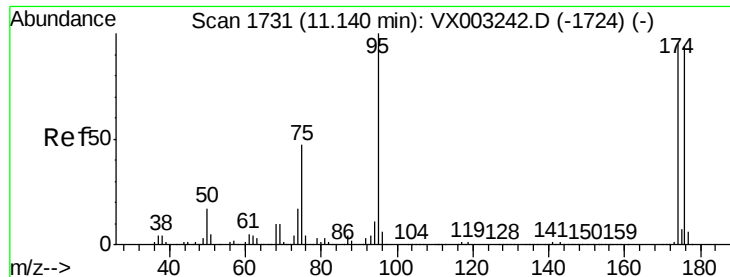
Tot Ion:113 Resp: 140150
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 25.1 19.1 28.7



#50
Toluene-d8
Concen: 37.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003308.D
Acq: 11 Jul 2018 02:50

Tgt Ion: 98 Resp: 508800
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3

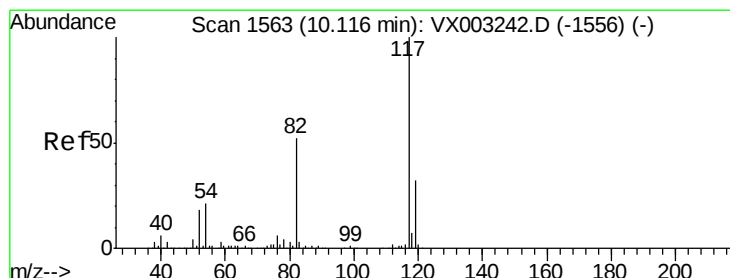
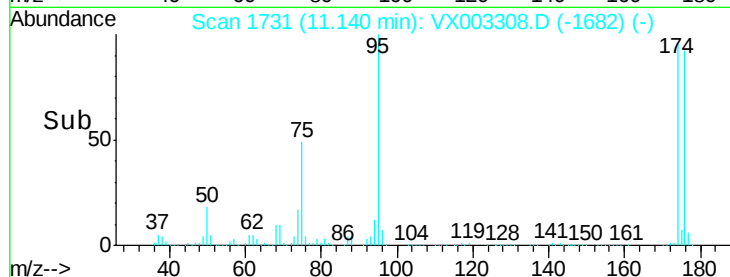
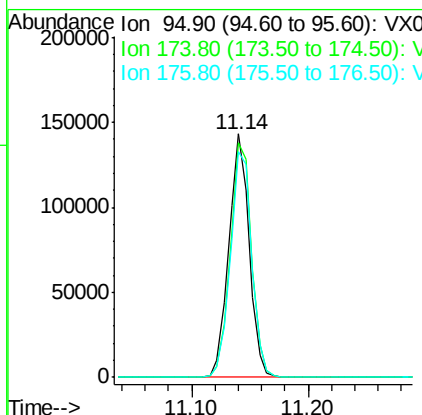
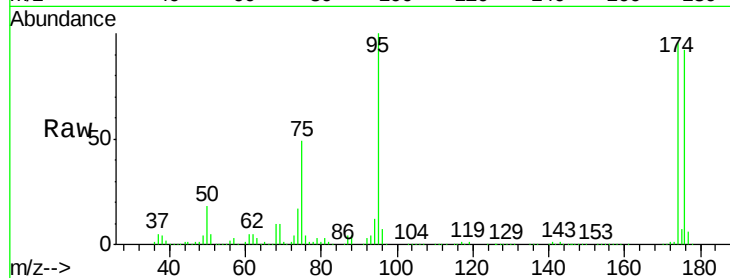




#62
4-Bromofluorobenzene
Concen: 34.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003308.D
Acq: 11 Jul 2018 02:50

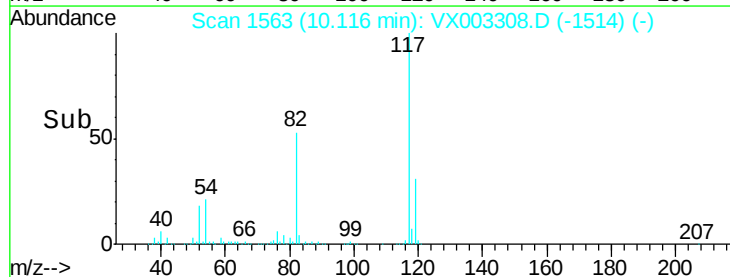
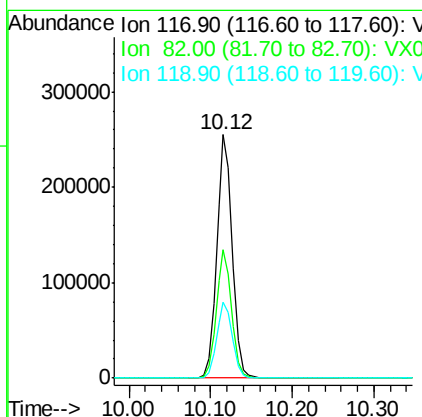
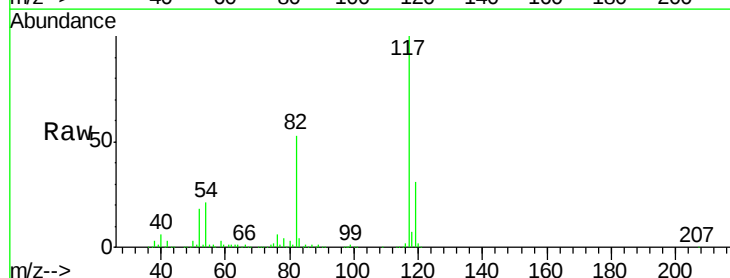
Instrument :
MSVOA_X
ClientSampleId :
B3

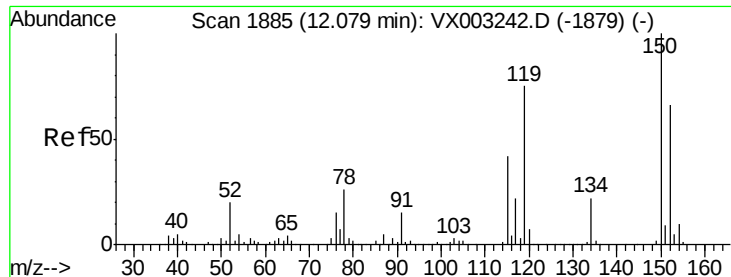
Tot Ion: 95 Resp: 174062
Ion Ratio Lower Upper
95 100
174 101.2 0.0 187.4
176 97.7 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003308.D
Acq: 11 Jul 2018 02:50

Tgt Ion: 117 Resp: 340209
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.4
119 31.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003308.D

Acq: 11 Jul 2018 02:50

Instrument :

MSVOA_X

ClientSampleId :

B3

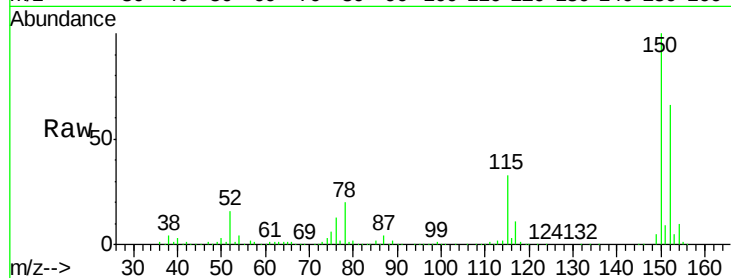
Tot Ion:152 Resp: 191061

Ion Ratio Lower Upper

152 100

115 53.3 40.1 120.2

150 154.8 0.0 347.2



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

