

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003133.D
 Acq On : 02 Jul 2018 17:57
 Operator : JC/MD
 Sample : J3772-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-CHY02-9001

Quant Time: Jul 03 11:13:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	427092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	242089	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	199202	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	5.51	113	166050	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	8.72	98	594835	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	
62) 4-Bromofluorobenzene	11.14	95	218028	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

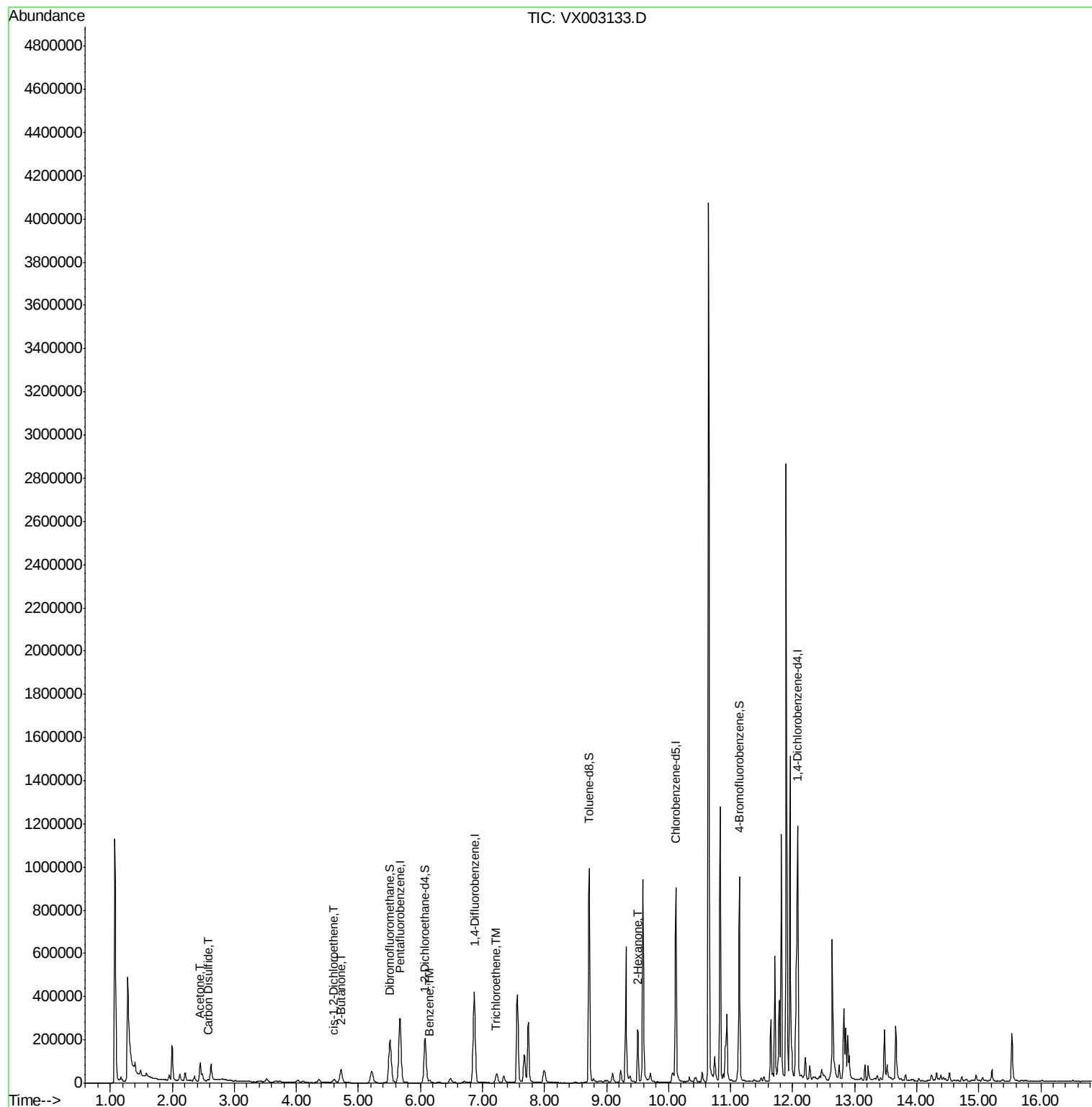
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	91688	51.87	ug/l	99
17) Carbon Disulfide	2.57	76	12313	1.52	ug/l	99
25) 2-Butanone	4.72	43	107219	40.87	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	9074	2.44	ug/l	47
40) Benzene	6.15	78	10370	0.76	ug/l	95
44) Trichloroethene	7.21	130	10128	2.50	ug/l	92
59) 2-Hexanone	9.50	43	132755	33.01	ug/l	98

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

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QLast Update : Mon Jun 25 14:38:05 2018
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: VX003133.D

Acq: 02 Jul 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

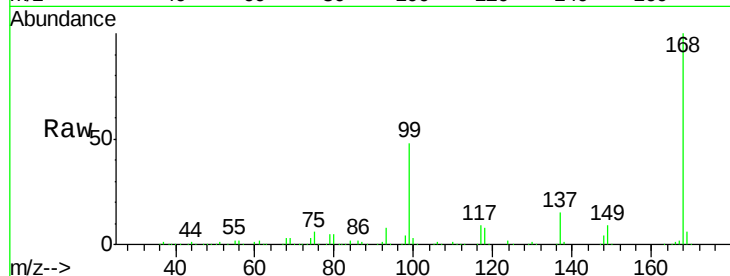
SP18-CHY02-9001

Tot Ion:168 Resp: 308780

Ion Ratio Lower Upper

168 100

99 48.3 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

120000

100000

80000

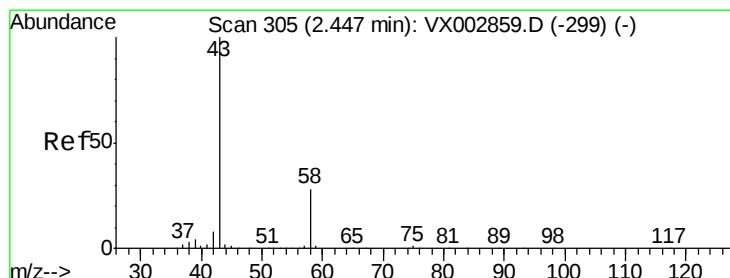
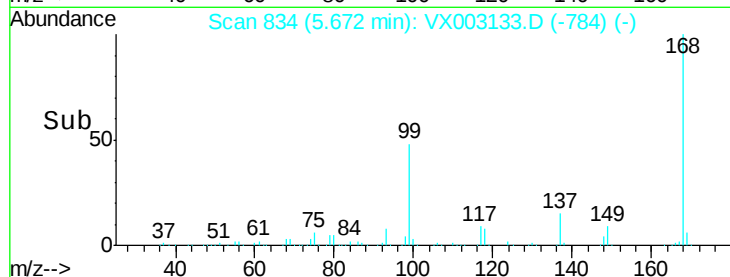
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 51.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003133.D

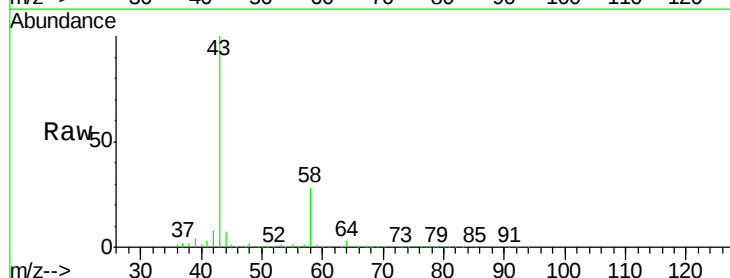
Acq: 02 Jul 2018 17:57

Tgt Ion: 43 Resp: 91688

Ion Ratio Lower Upper

43 100

58 28.0 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

60000

50000

40000

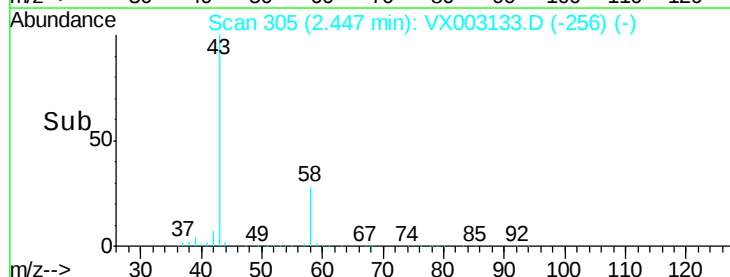
30000

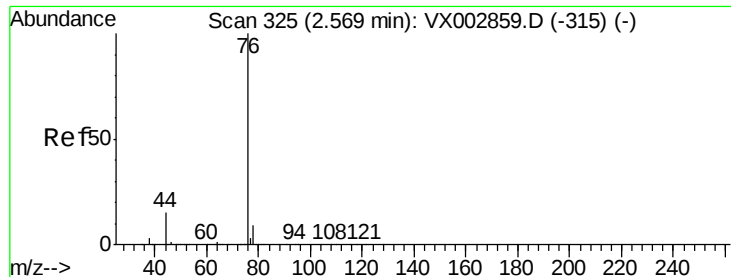
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#17

Carbon Disulfide

Concen: 1.52 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX003133.D

Acq: 02 Jul 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

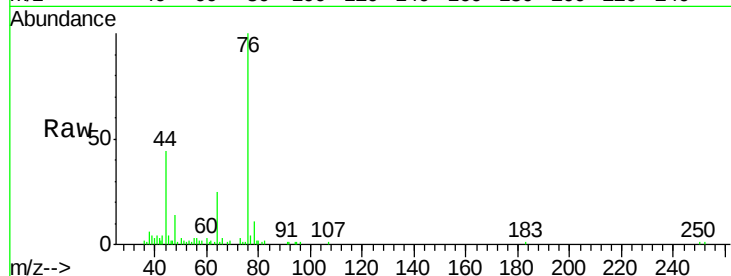
SP18-CHY02-9001

Tot Ion: 76 Resp: 12313

Ion Ratio Lower Upper

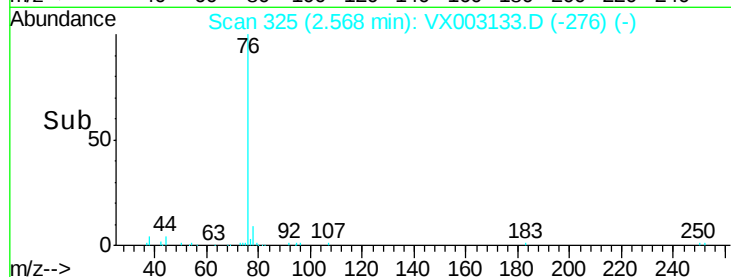
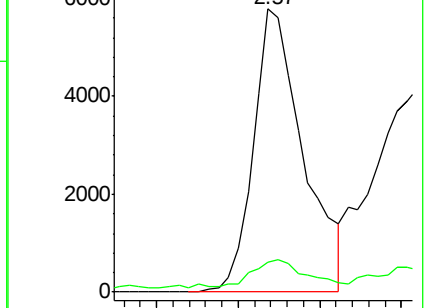
76 100

78 9.0 6.9 10.3

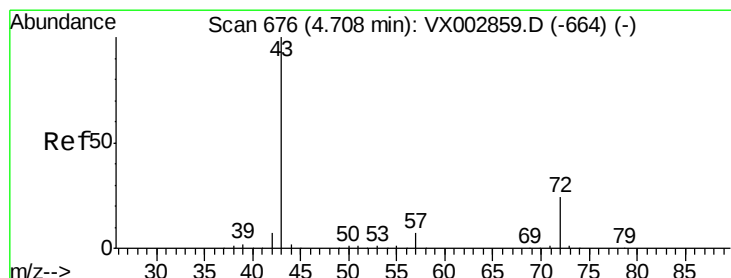


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#25

2-Butanone

Concen: 40.87 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003133.D

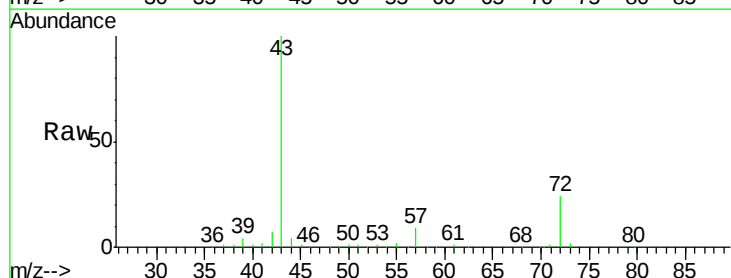
Acq: 02 Jul 2018 17:57

Tgt Ion: 43 Resp: 107219

Ion Ratio Lower Upper

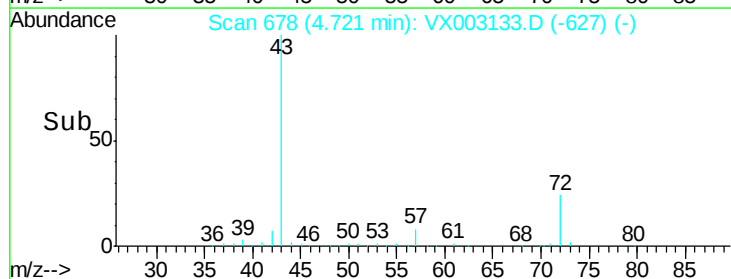
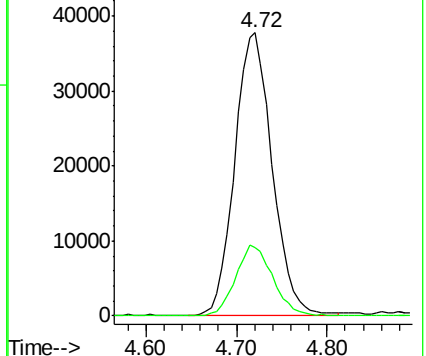
43 100

72 23.9 18.5 27.7

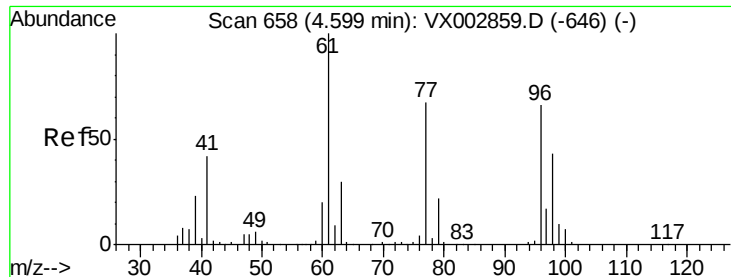


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.44 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX003133.D

Acq: 02 Jul 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

SP18-CHY02-9001

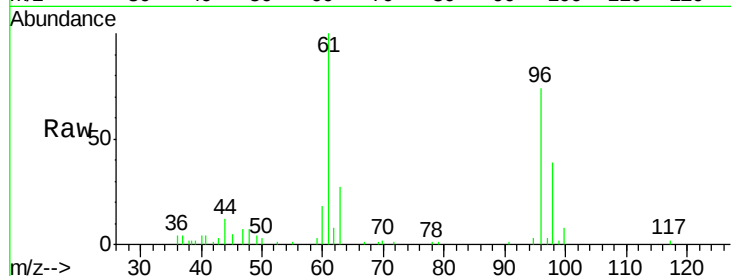
Tot Ion: 96 Resp: 9074

Ion Ratio Lower Upper

96 100

61 261.6 0.0 330.2

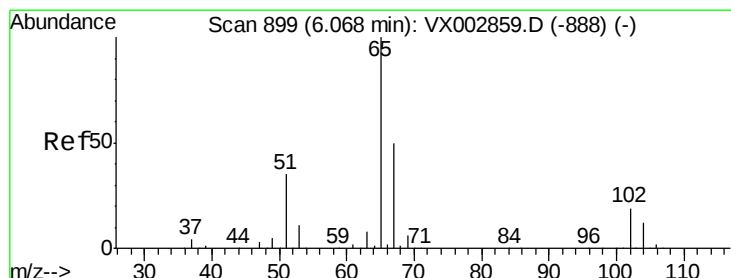
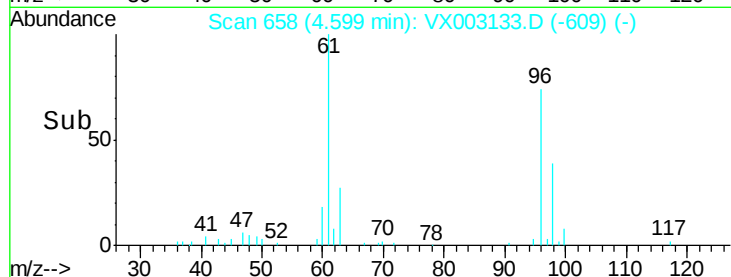
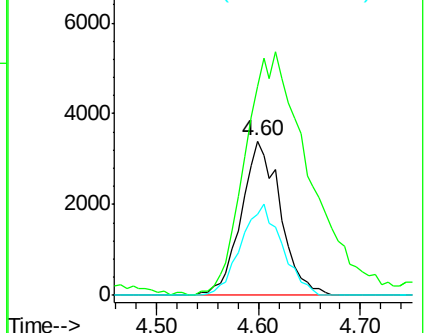
98 61.8 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.67 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003133.D

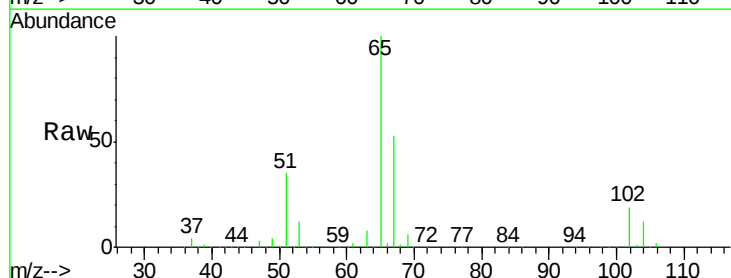
Acq: 02 Jul 2018 17:57

Tgt Ion: 65 Resp: 199202

Ion Ratio Lower Upper

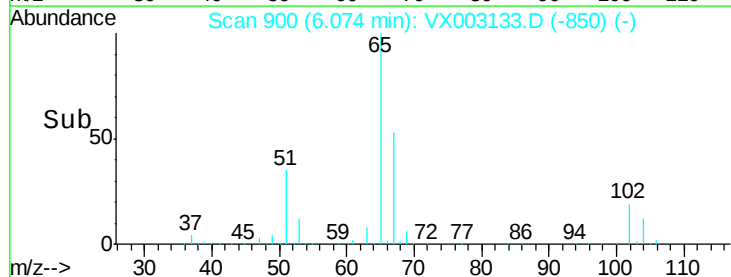
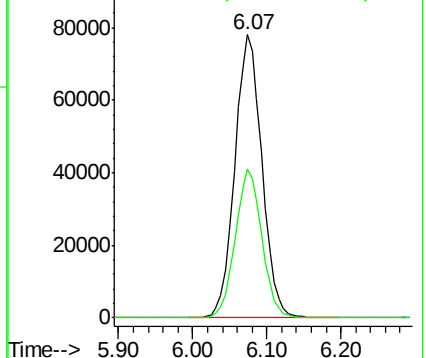
65 100

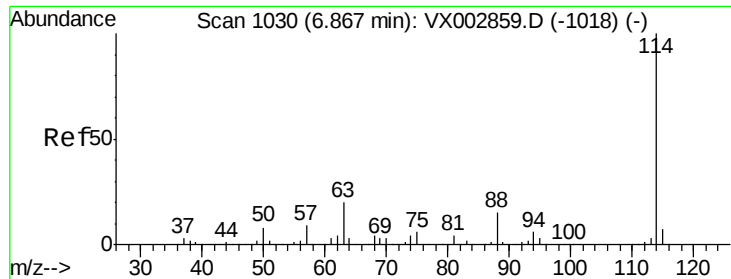
67 51.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

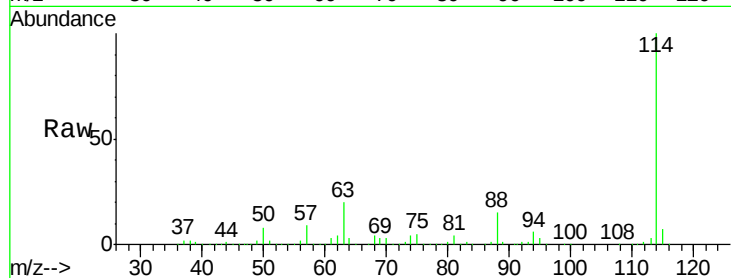




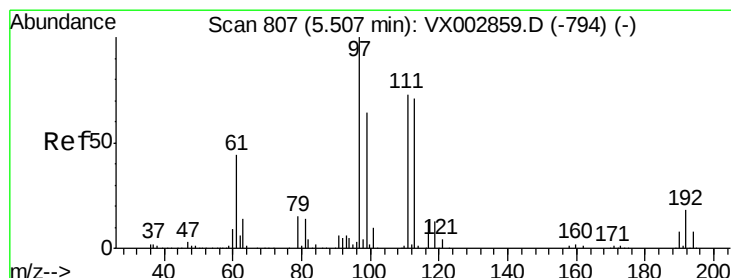
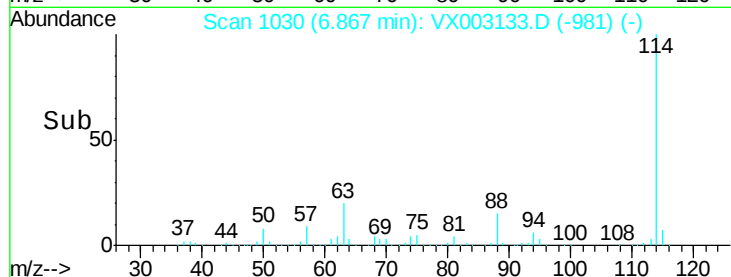
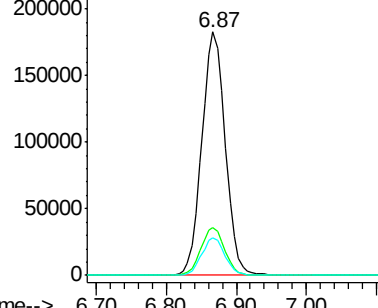
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY02-9001

Tot Ion:114 Resp: 427092
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.4
88 15.2 0.0 30.0

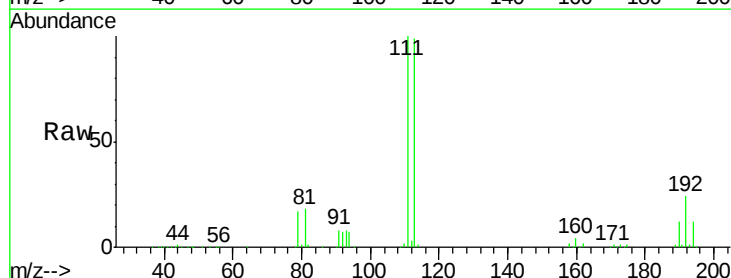


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

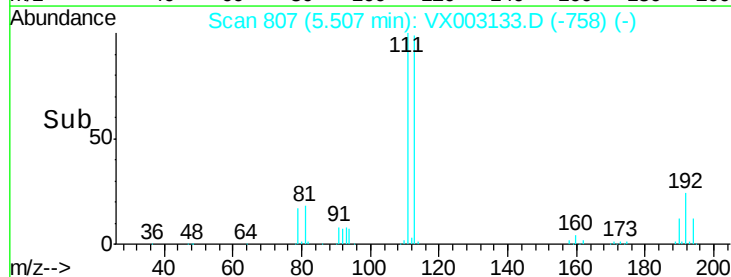
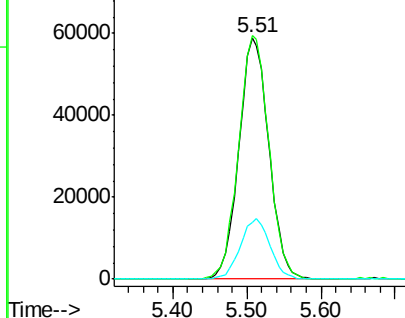


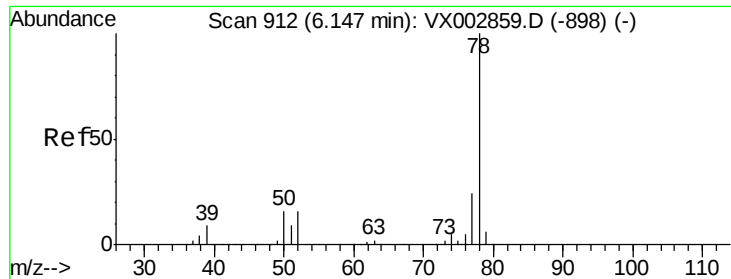
#35
Dibromofluoromethane
Concen: 49.10 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion:113 Resp: 166050
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 24.9 19.1 28.7



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

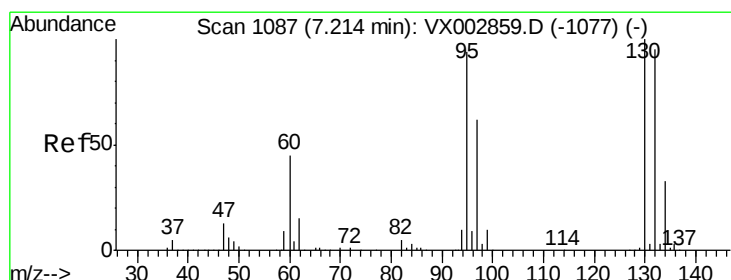
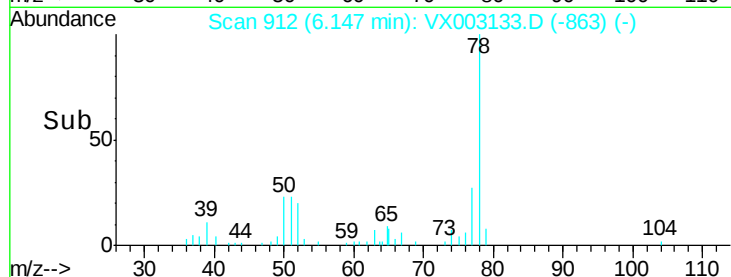
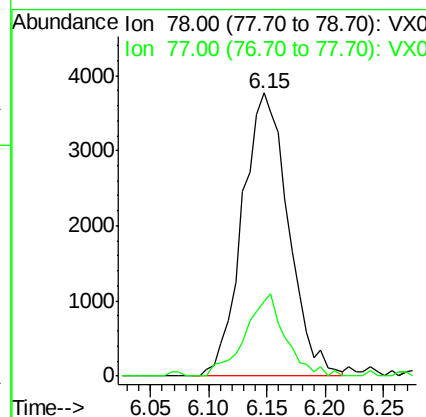
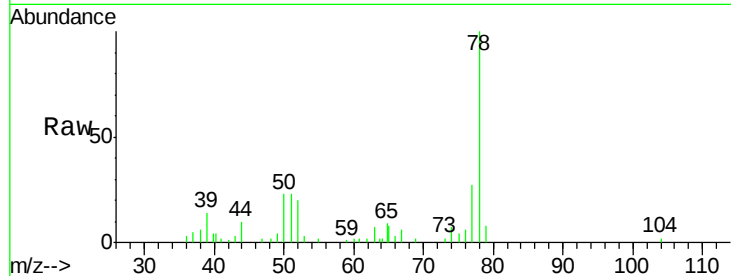




#40
Benzene
Concen: 0.76 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

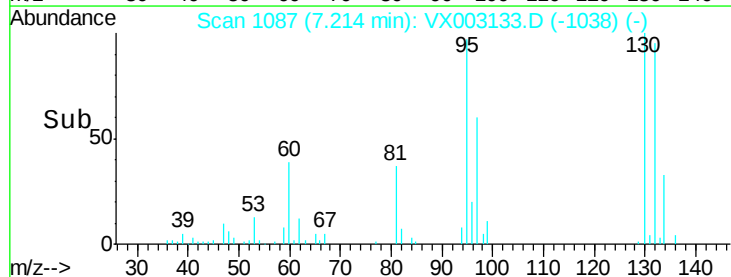
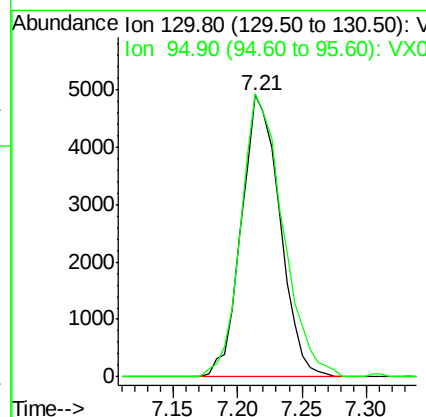
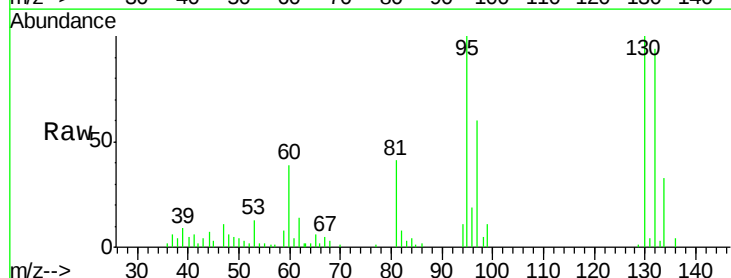
Instrument :
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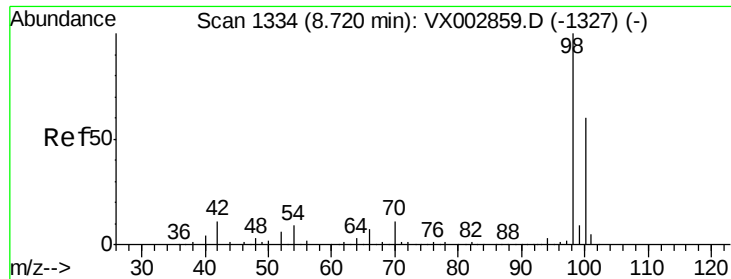
Tot Ion: 78 Resp: 10370
Ion Ratio Lower Upper
78 100
77 26.5 19.1 28.7



#44
Trichloroethene
Concen: 2.50 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion:130 Resp: 10128
Ion Ratio Lower Upper
130 100
95 100.4 0.0 185.4

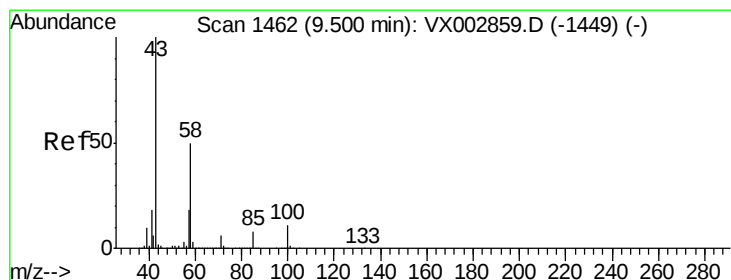
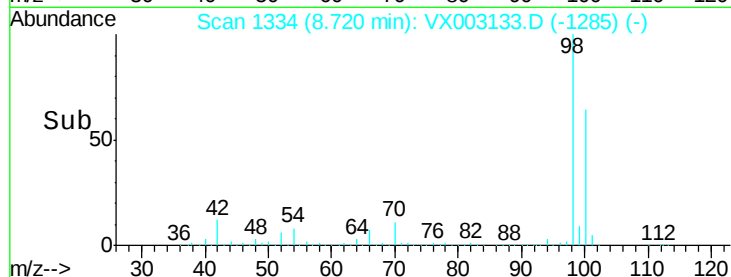
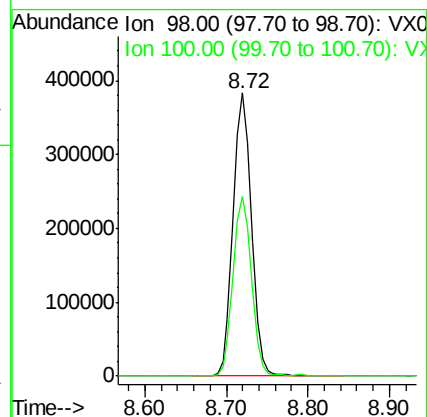
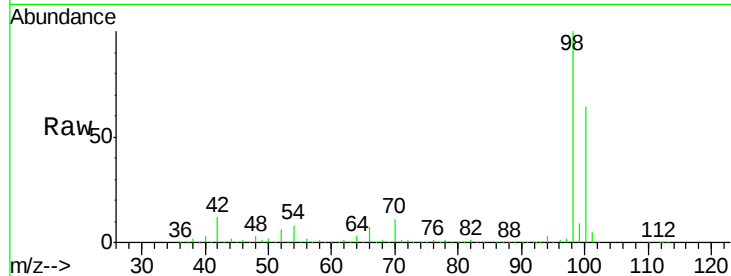




#50
Toluene-d8
Concen: 48.16 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

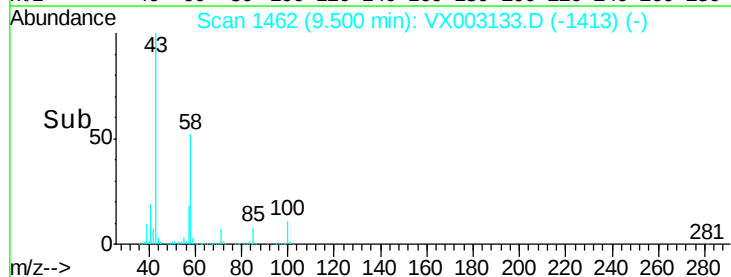
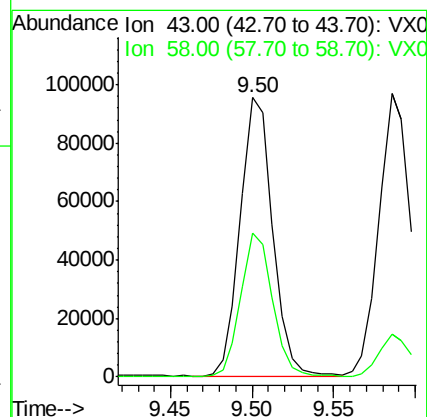
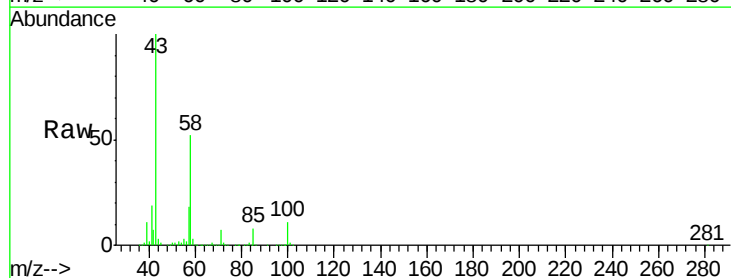
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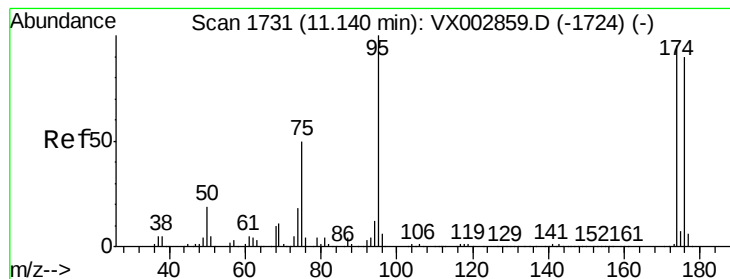
Tot Ion: 98 Resp: 594835
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#59
2-Hexanone
Concen: 33.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003133.D
Acq: 02 Jul 2018 17:57

Tgt Ion: 43 Resp: 132755
Ion Ratio Lower Upper
43 100
58 50.7 24.6 73.6





#62

4-Bromofluorobenzene

Concen: 45.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003133.D

Acq: 02 Jul 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

SP18-CHY02-9001

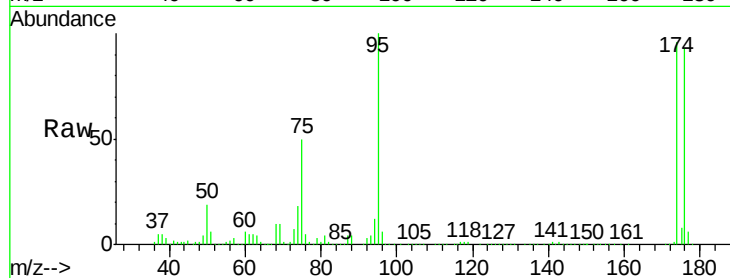
Tot Ion: 95 Resp: 218028

Ion Ratio Lower Upper

95 100

174 98.6 0.0 187.4

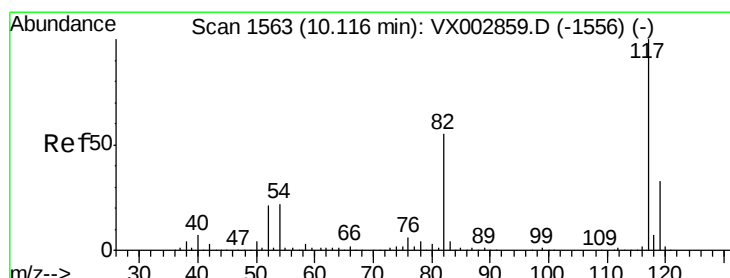
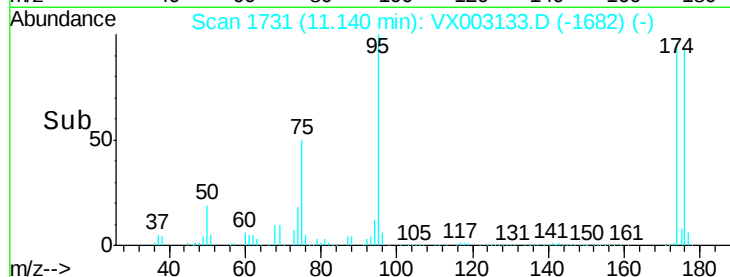
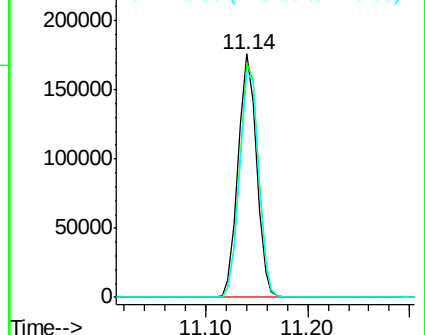
176 96.3 0.0 181.0



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX003133.D

Acq: 02 Jul 2018 17:57

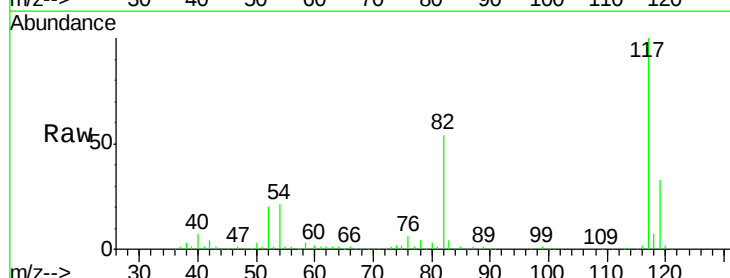
Tgt Ion: 117 Resp: 394920

Ion Ratio Lower Upper

117 100

82 53.7 45.0 67.4

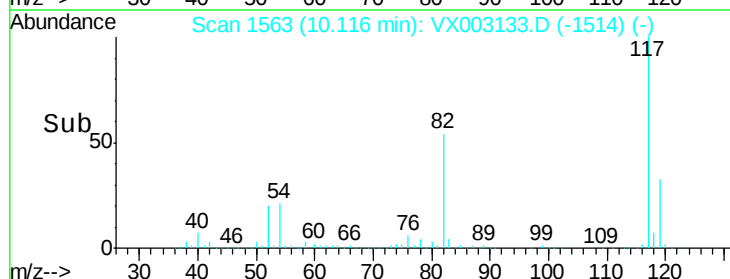
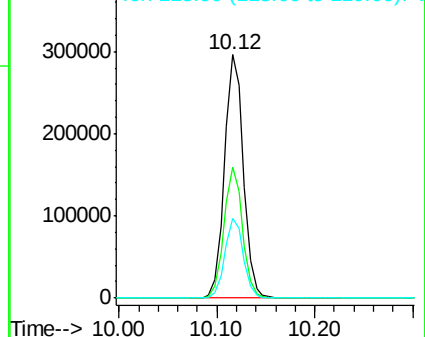
119 32.5 25.8 38.6

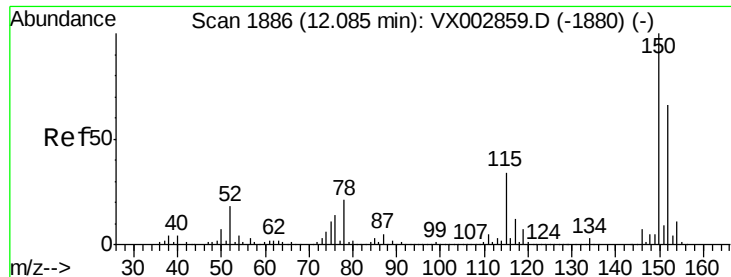


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003133.D

Acq: 02 Jul 2018 17:57

Instrument :

MSVOA_X

ClientSampleId :

SP18-CHY02-9001

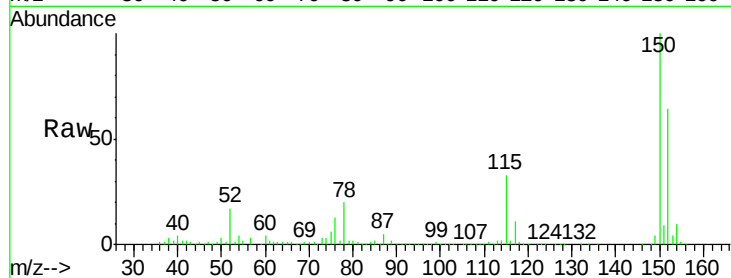
Tot Ion:152 Resp: 242089

Ion Ratio Lower Upper

152 100

115 53.8 40.1 120.2

150 155.2 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

