

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003134.D
 Acq On : 02 Jul 2018 18:24
 Operator : JC/MD
 Sample : J3772-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-CHY05

Quant Time: Jul 03 11:14:13 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

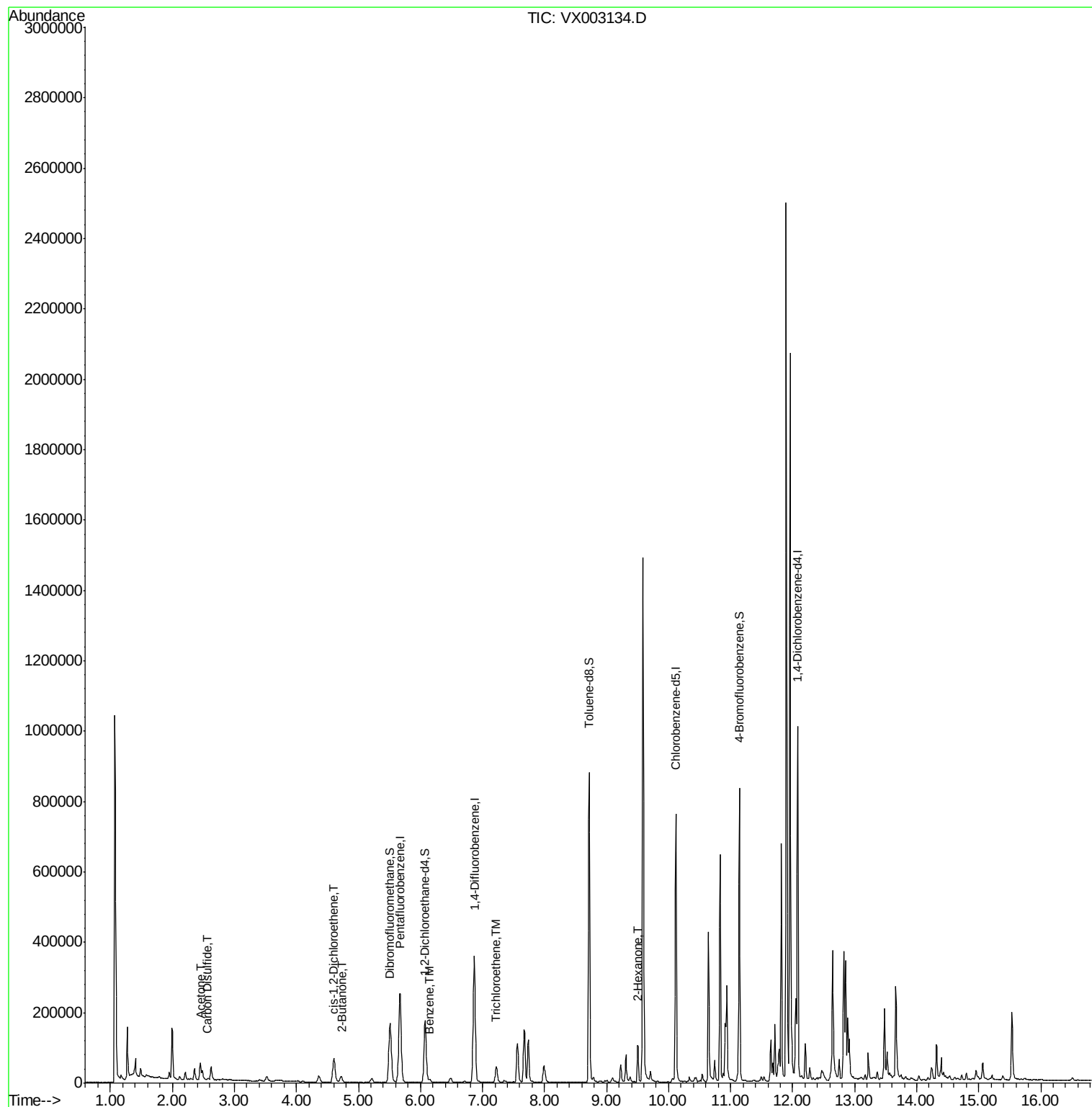
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346068	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213547	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	168586	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
35) Dibromofluoromethane	5.51	113	140207	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	8.72	98	514687	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.14	95	194872	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
Target Compounds						
16) Acetone	2.45	43	51473	34.12	ug/l	97
17) Carbon Disulfide	2.57	76	6361	0.92	ug/l	97
25) 2-Butanone	4.73	43	29949	13.38	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	42754	13.47	ug/l	96
40) Benzene	6.15	78	9950	0.86	ug/l	94
44) Trichloroethene	7.22	130	15572	4.50	ug/l	98
59) 2-Hexanone	9.50	43	56717	16.52	ug/l	96

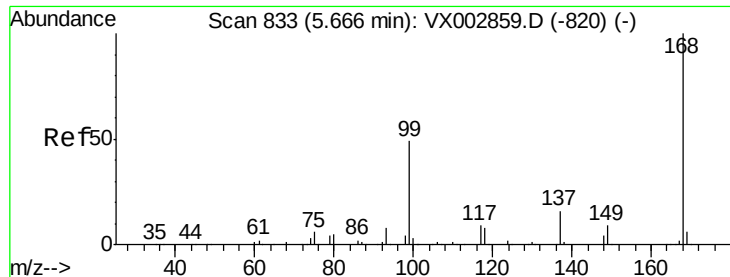
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

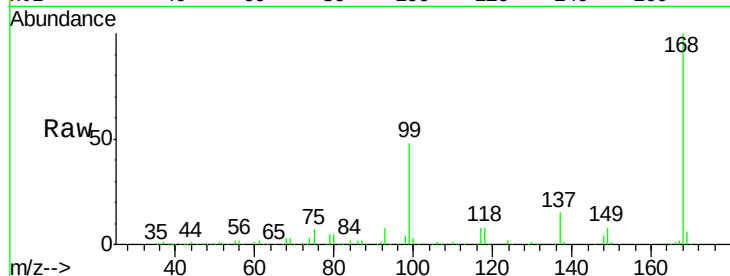
SP18-CHY05

Tot Ion:168 Resp: 263567

Ion Ratio Lower Upper

168 100

99 48.1 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

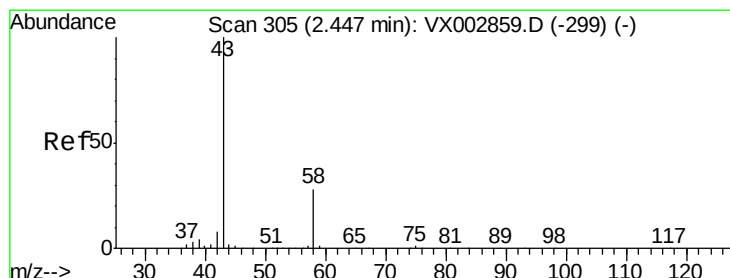
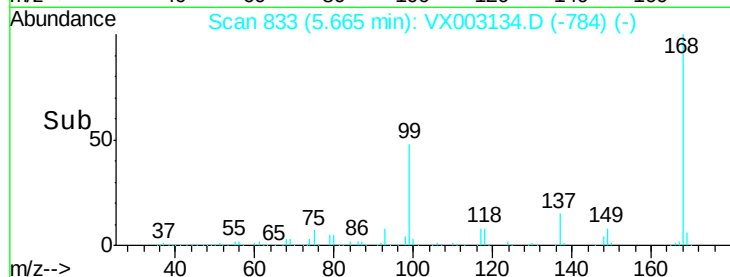
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 34.12 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003134.D

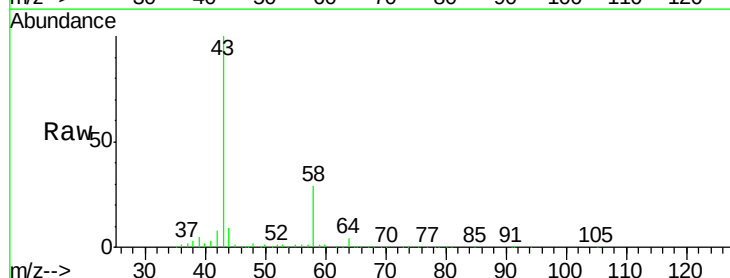
Acq: 02 Jul 2018 18:24

Tgt Ion: 43 Resp: 51473

Ion Ratio Lower Upper

43 100

58 29.0 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

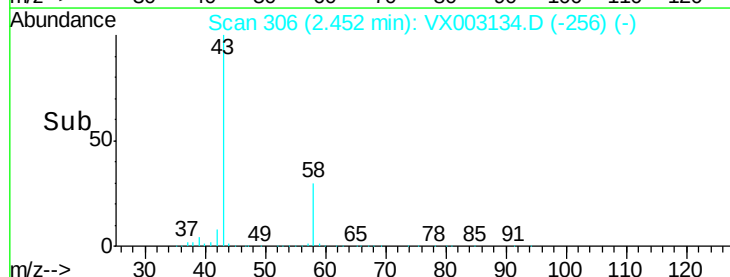
30000

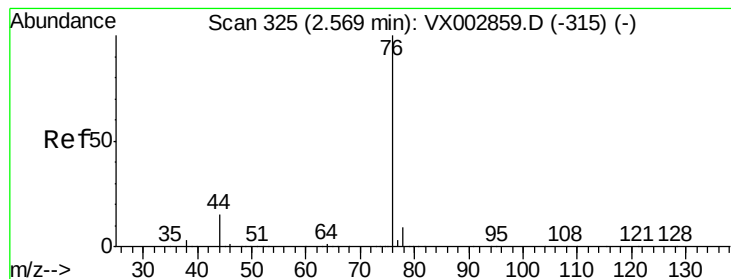
20000

10000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#17

Carbon Disulfide

Concen: 0.92 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

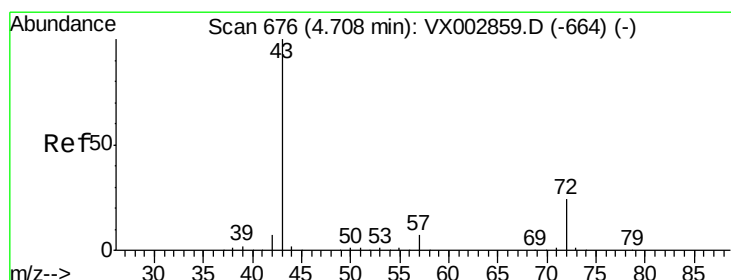
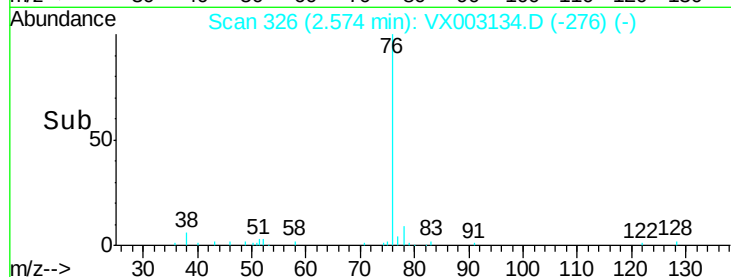
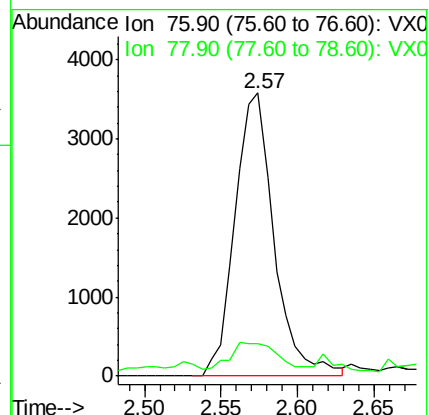
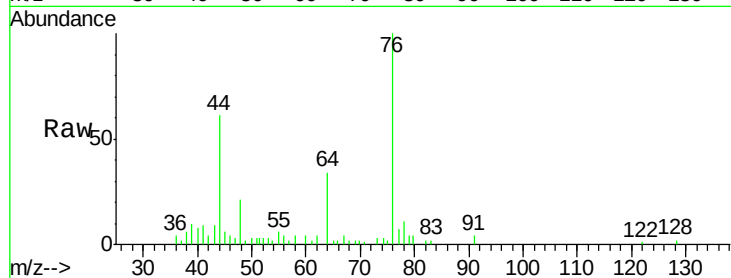
SP18-CHY05

Tot Ion: 76 Resp: 6361

Ion Ratio Lower Upper

76 100

78 7.4 6.9 10.3



#25

2-Butanone

Concen: 13.38 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.02 min

Lab File: VX003134.D

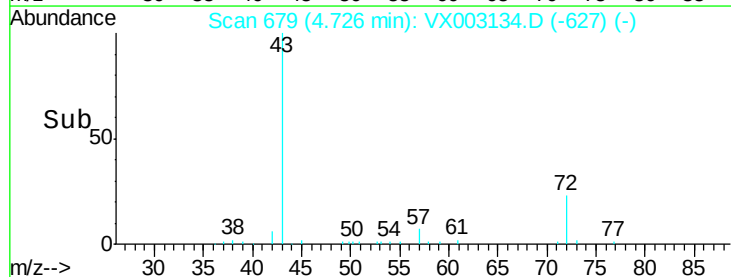
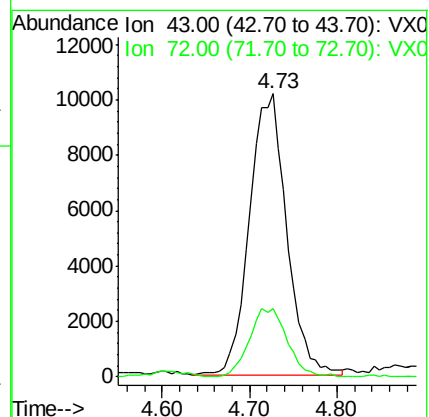
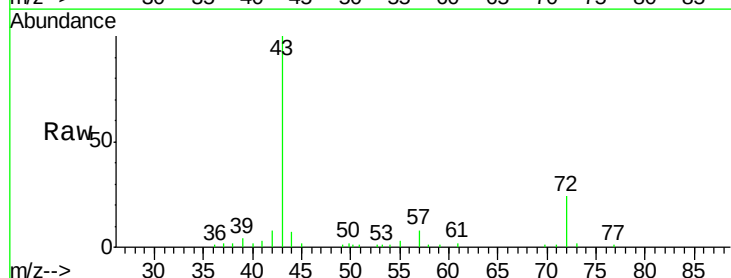
Acq: 02 Jul 2018 18:24

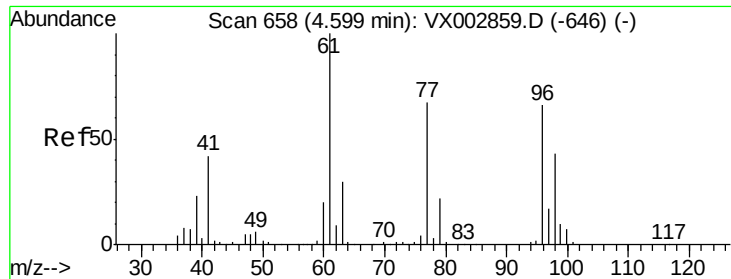
Tgt Ion: 43 Resp: 29949

Ion Ratio Lower Upper

43 100

72 24.2 18.5 27.7





#27

cis-1,2-Dichloroethene

Concen: 13.47 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampled :

SP18-CHY05

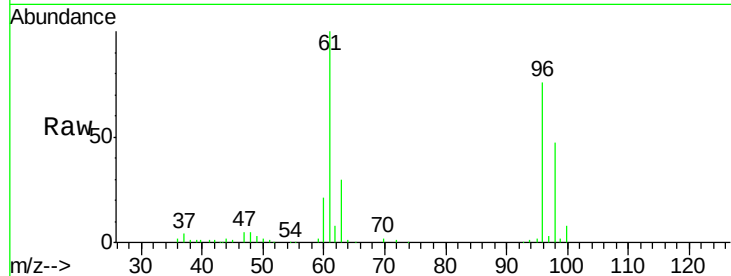
Tot Ion: 96 Resp: 42754

Ion Ratio Lower Upper

96 100

61 157.0 0.0 330.2

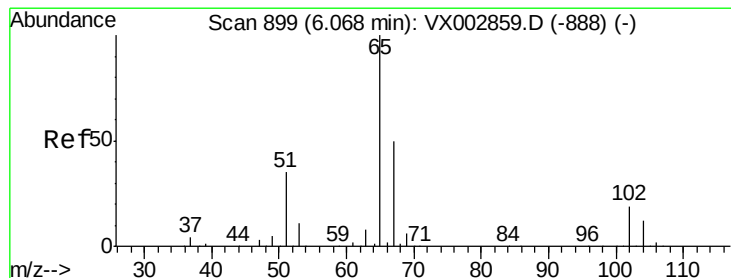
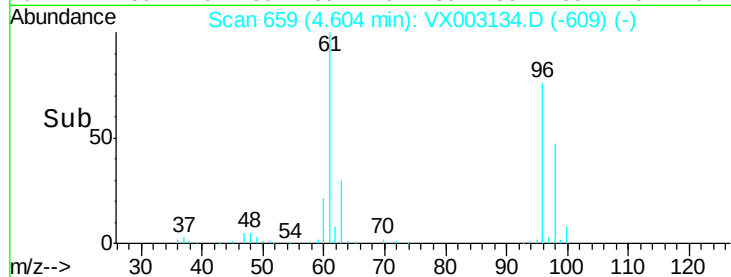
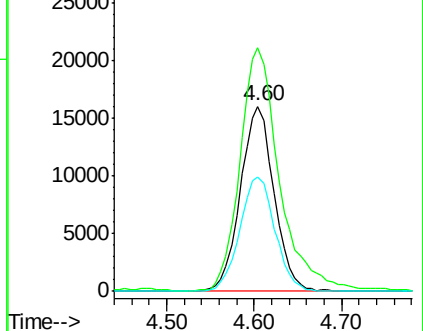
98 64.9 0.0 130.2



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: 46.28 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003134.D

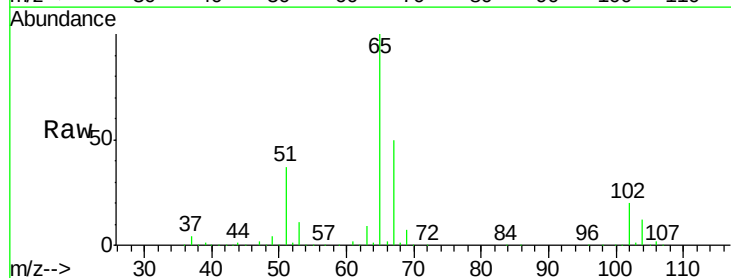
Acq: 02 Jul 2018 18:24

Tgt Ion: 65 Resp: 168586

Ion Ratio Lower Upper

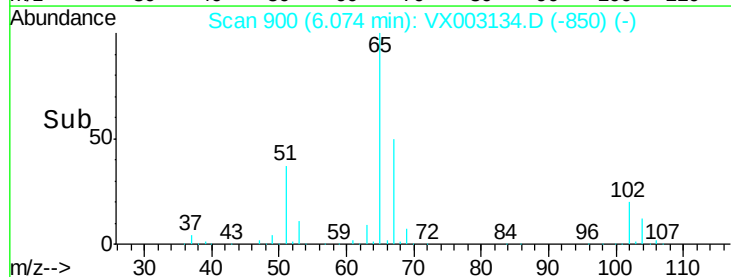
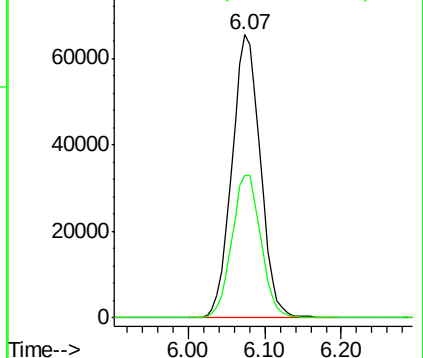
65 100

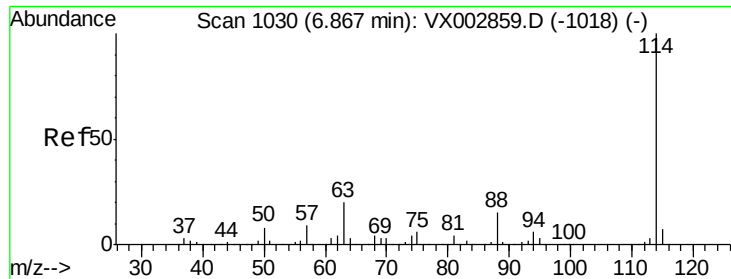
67 51.7 0.0 102.6



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: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

SP18-CHY05

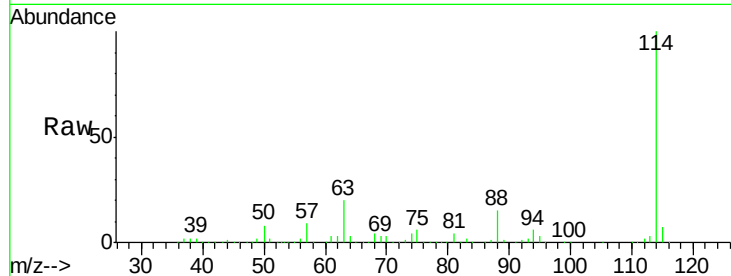
Tot Ion:114 Resp: 364659

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.4

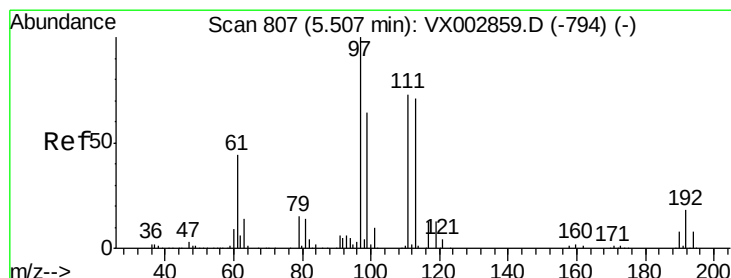
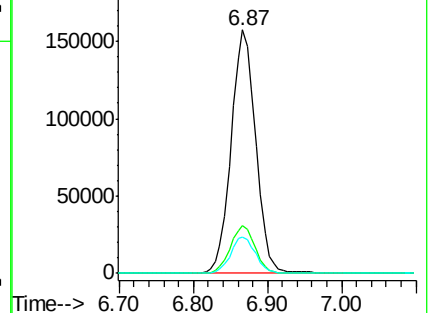
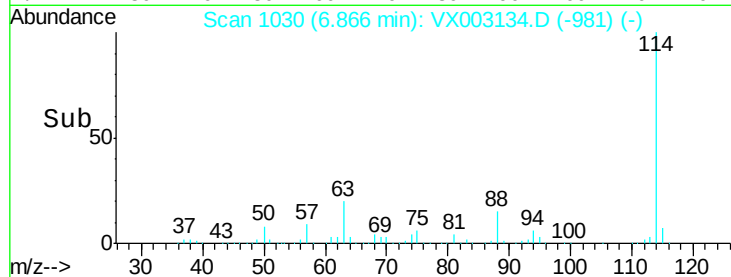
88 15.0 0.0 30.0



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: 48.55 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

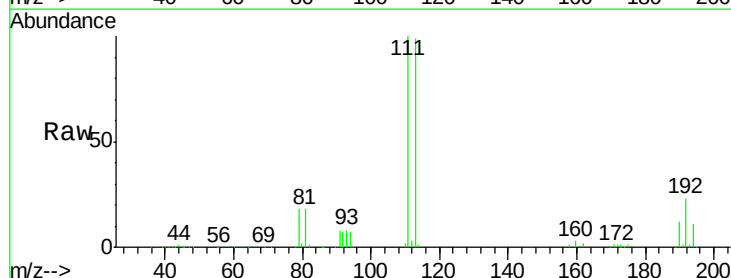
Tgt Ion:113 Resp: 140207

Ion Ratio Lower Upper

113 100

111 101.3 81.4 122.0

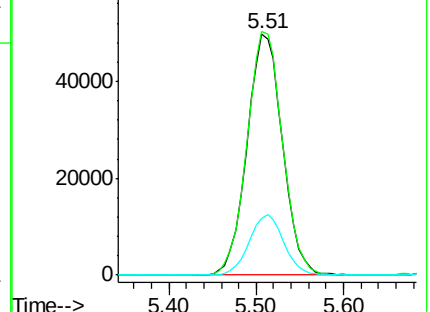
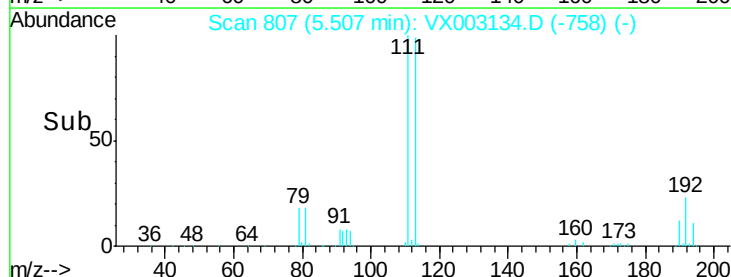
192 24.7 19.1 28.7

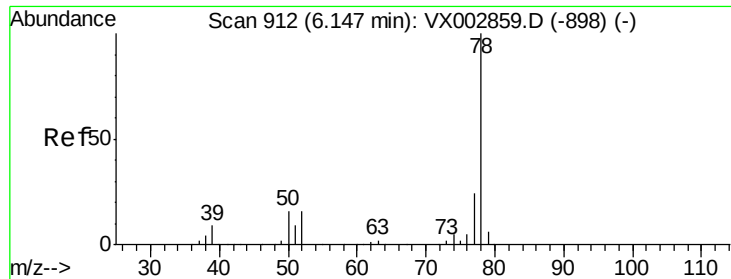


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.86 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

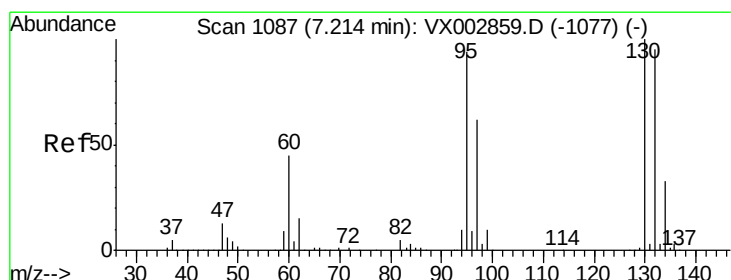
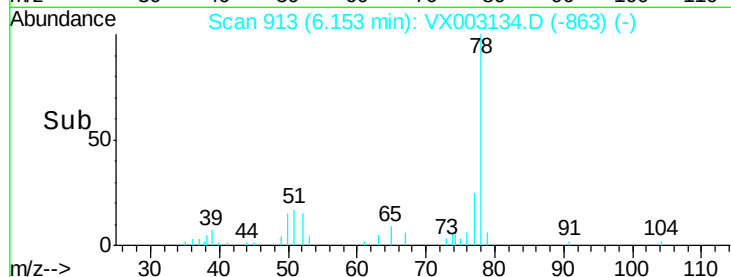
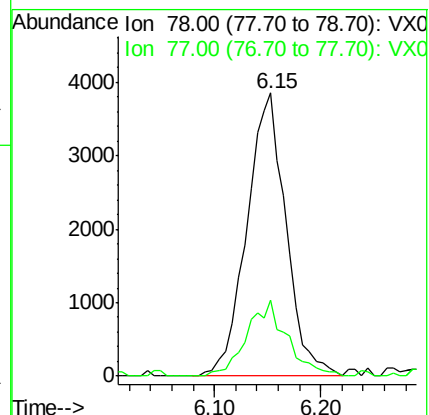
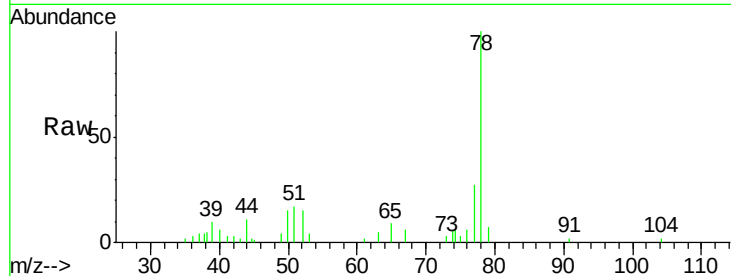
SP18-CHY05

Tot Ion: 78 Resp: 9950

Ion Ratio Lower Upper

78 100

77 27.0 19.1 28.7



#44

Trichloroethene

Concen: 4.50 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX003134.D

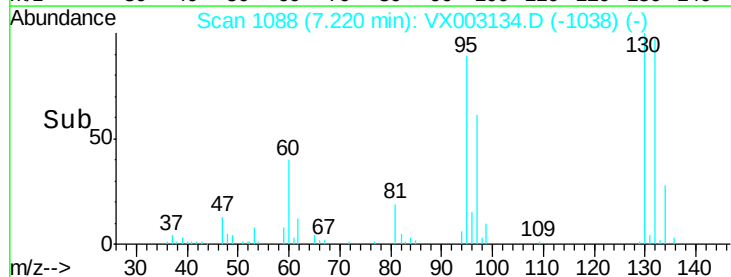
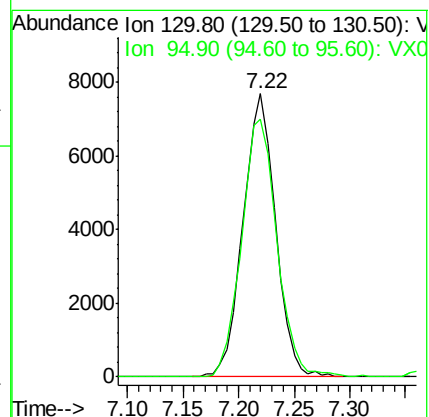
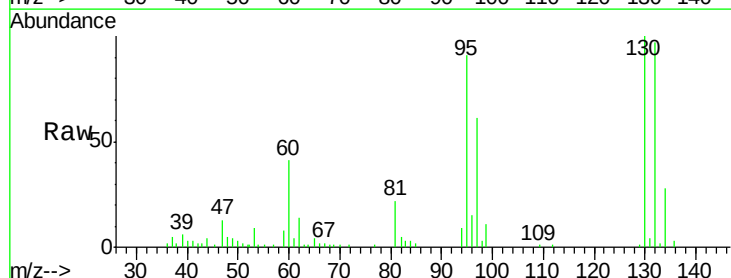
Acq: 02 Jul 2018 18:24

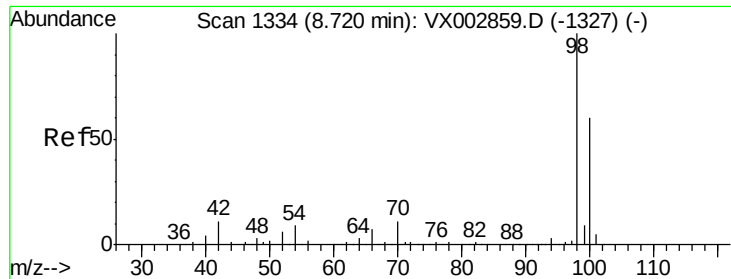
Tgt Ion: 130 Resp: 15572

Ion Ratio Lower Upper

130 100

95 91.2 0.0 185.4





#50

Toluene-d8

Concen: 48.81 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

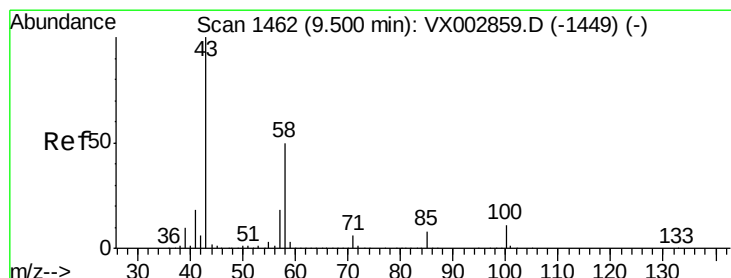
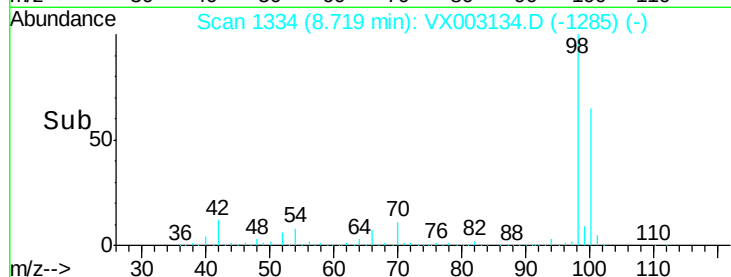
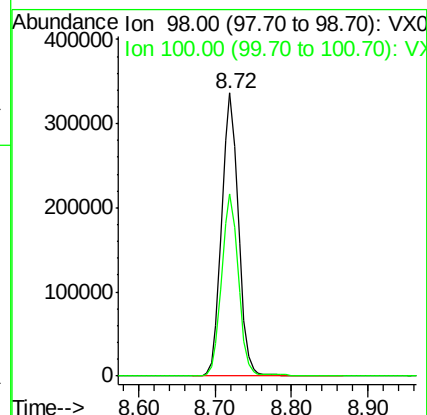
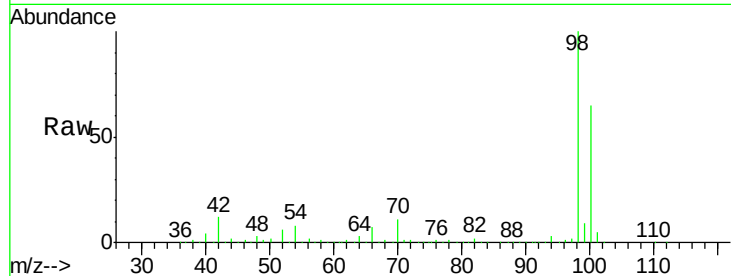
SP18-CHY05

Tot Ion: 98 Resp: 514687

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#59

2-Hexanone

Concen: 16.52 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. -0.00 min

Lab File: VX003134.D

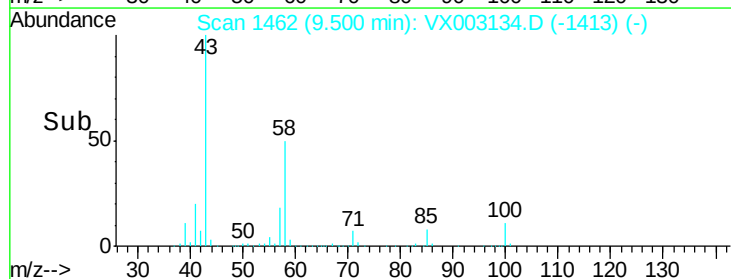
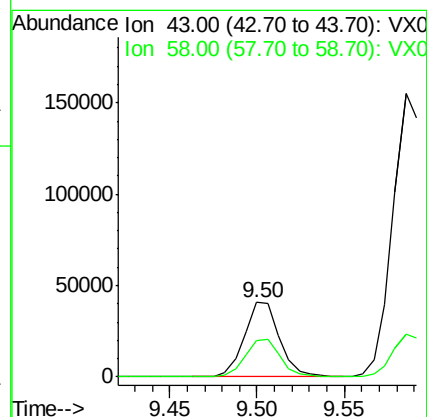
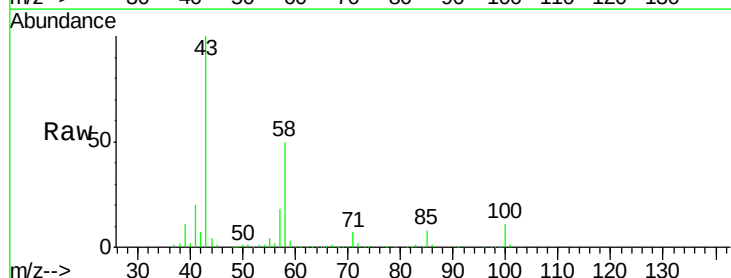
Acq: 02 Jul 2018 18:24

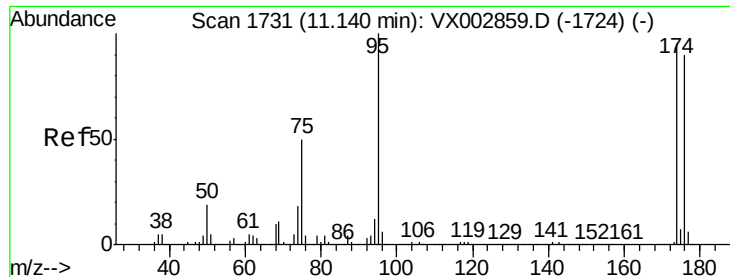
Tgt Ion: 43 Resp: 56717

Ion Ratio Lower Upper

43 100

58 51.8 24.6 73.6

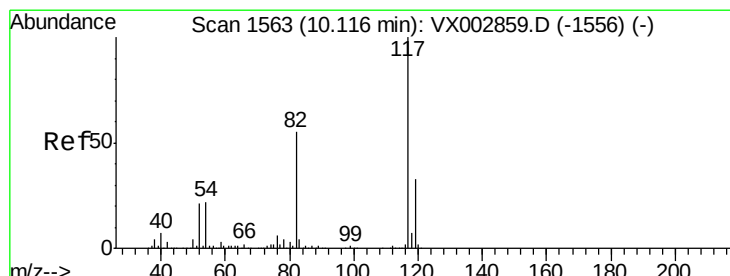
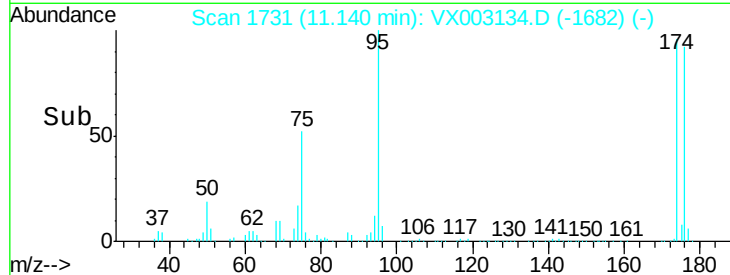
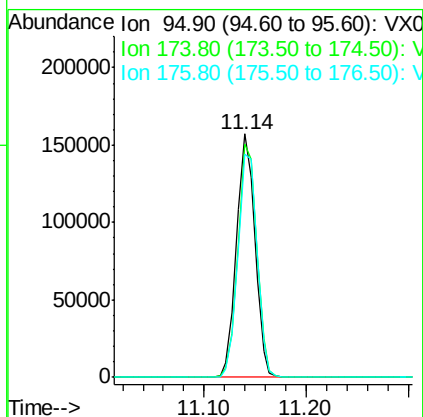
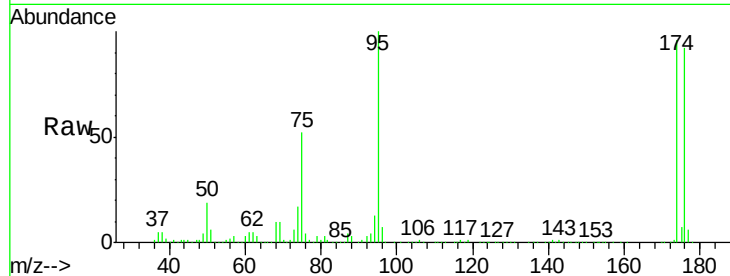




#62
4-Bromofluorobenzene
Concen: 47.92 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

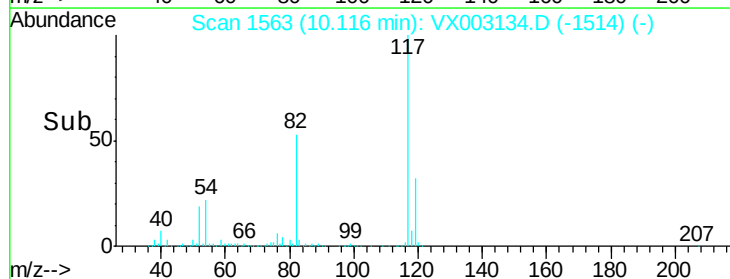
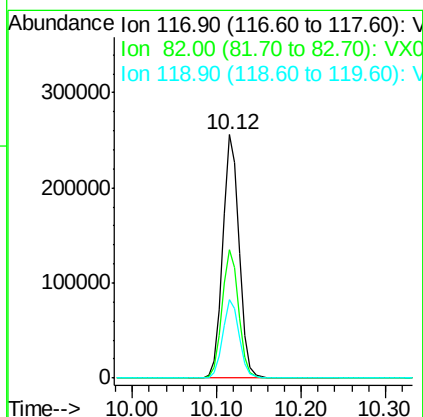
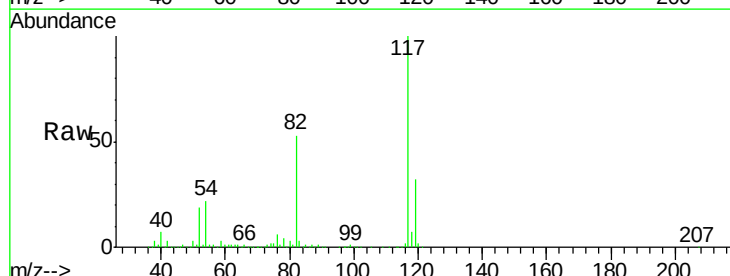
Instrument :
MSVOA_X
ClientSampleId :
SP18-CHY05

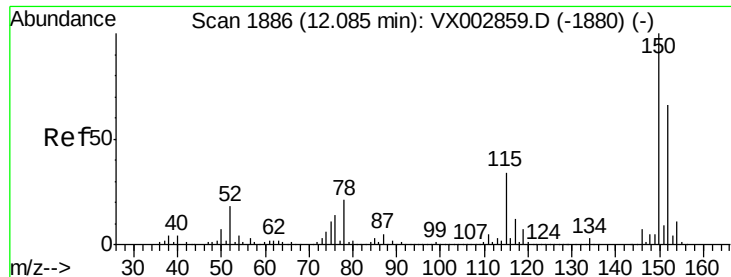
Tot Ion: 95 Resp: 194872
Ion Ratio Lower Upper
95 100
174 97.9 0.0 187.4
176 95.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003134.D
Acq: 02 Jul 2018 18:24

Tgt Ion: 117 Resp: 346068
Ion Ratio Lower Upper
117 100
82 52.9 45.0 67.4
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX003134.D

Acq: 02 Jul 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

SP18-CHY05

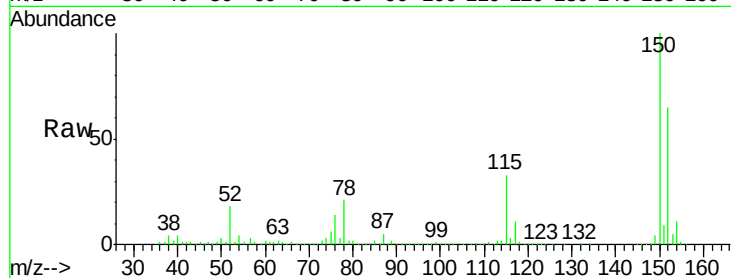
Tot Ion:152 Resp: 213547

Ion Ratio Lower Upper

152 100

115 53.9 40.1 120.2

150 154.6 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

