

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002076.D
 Acq On : 27 May 2018 18:38
 Operator : JC/MD
 Sample : J3130-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 08:31:08 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

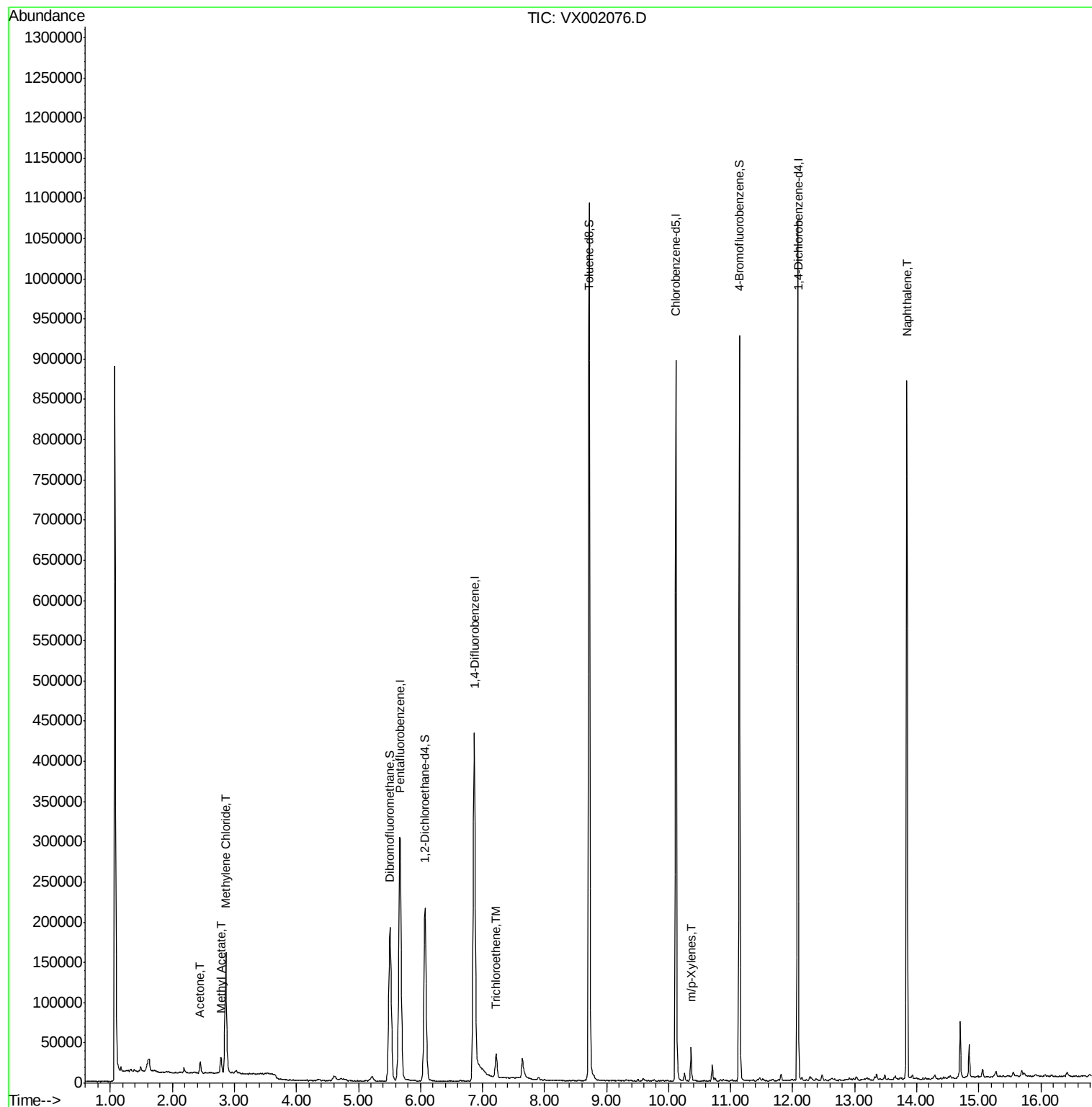
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	435206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	399760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204868	36.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.48%	
35) Dibromofluoromethane	5.51	113	158572	36.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.88%	
50) Toluene-d8	8.72	98	628933	39.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.84%	
62) 4-Bromofluorobenzene	11.14	95	224700	36.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.90%	
Target Compounds						
16) Acetone	2.45	43	15405	7.06	ug/l	97
18) Methyl Acetate	2.78	43	24529	3.61	ug/l	99
20) Methylene Chloride	2.86	84	69181	17.22	ug/l	99
44) Trichloroethene	7.22	130	11189	2.17	ug/l	96
68) m/p-Xylenes	10.36	106	9050	1.08	ug/l	99
95) Naphthalene	13.84	128	514176	25.68	ug/l	100

(#) = 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# 834

Delta R.T. -0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

Instrument :

MSVOA_X

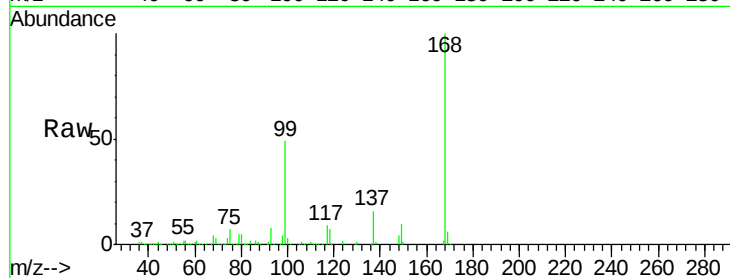
ClientSampleId :

Tot Ion:168 Resp: 316277

Ion Ratio Lower Upper

168 100

99 49.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

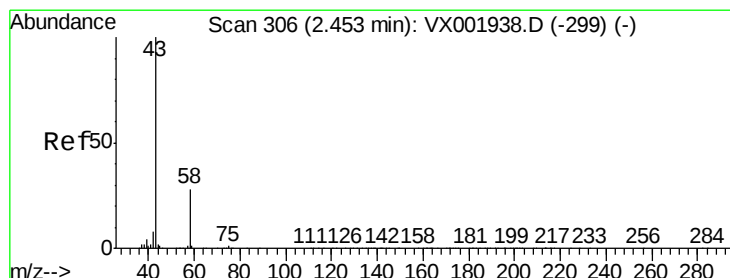
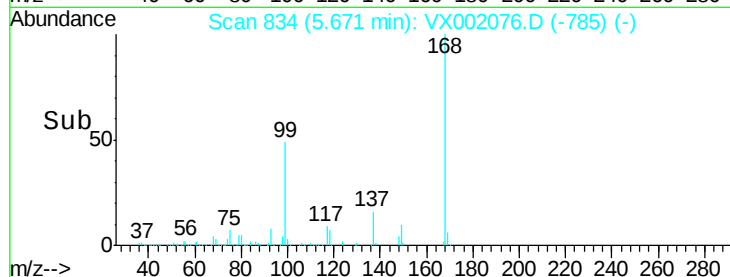
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.06 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002076.D

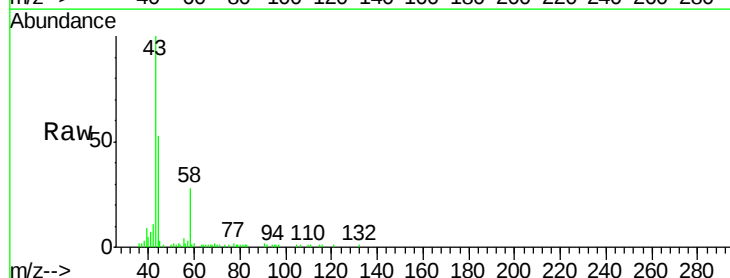
Acq: 27 May 2018 18:38

Tgt Ion: 43 Resp: 15405

Ion Ratio Lower Upper

43 100

58 29.3 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

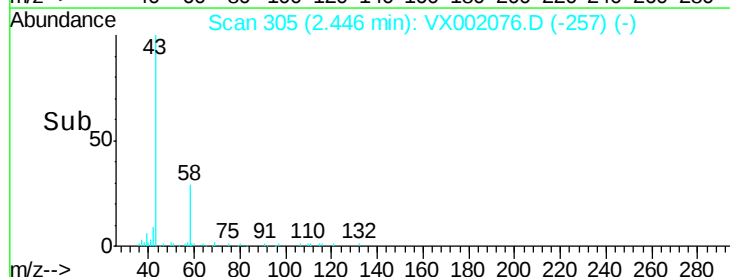
6000

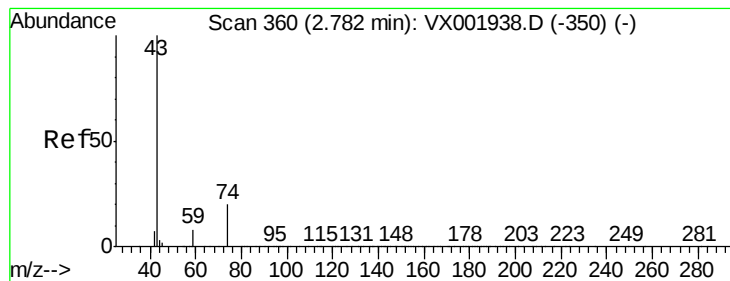
4000

2000

0

Time--> 2.40 2.45 2.50





#18

Methvl Acetate

Concen: 3.61 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

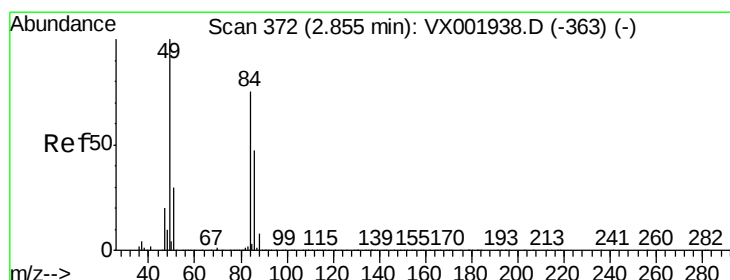
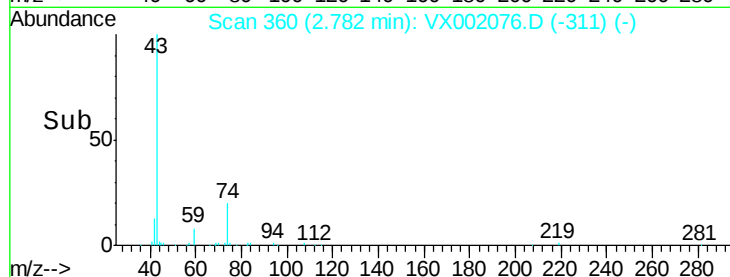
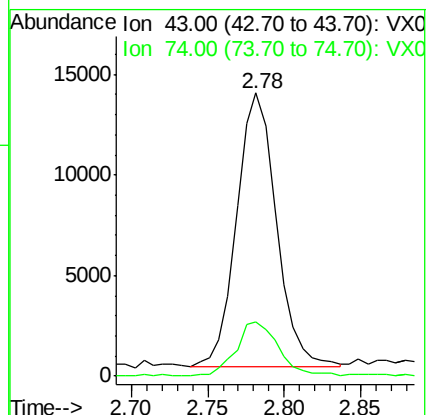
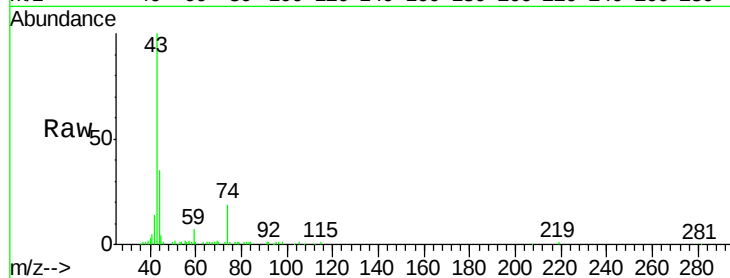
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 24529

Ion Ratio Lower Upper

43 100

74 21.4 16.8 25.2



#20

Methylene Chloride

Concen: 17.22 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

Tgt Ion: 84 Resp: 69181

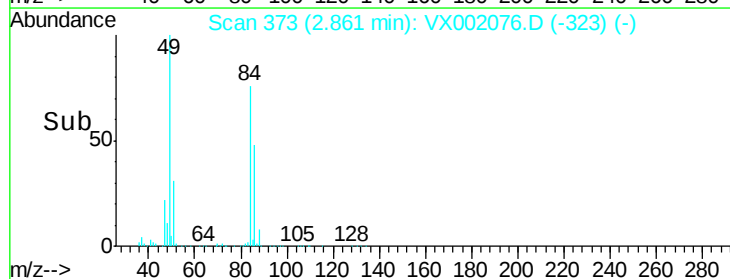
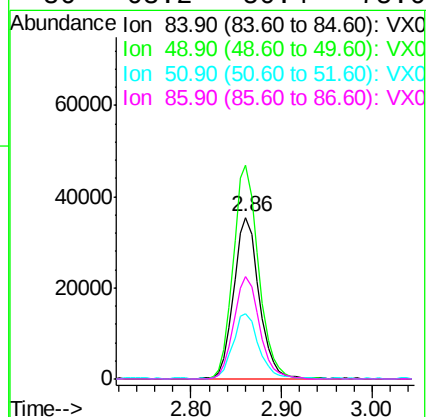
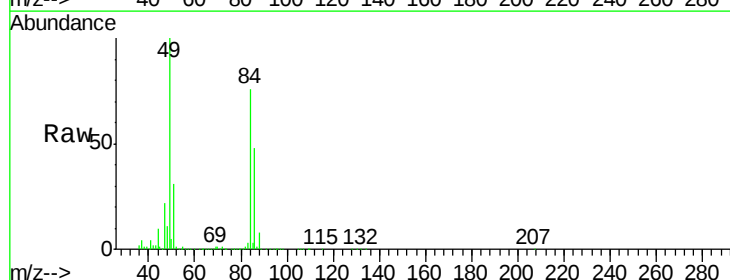
Ion Ratio Lower Upper

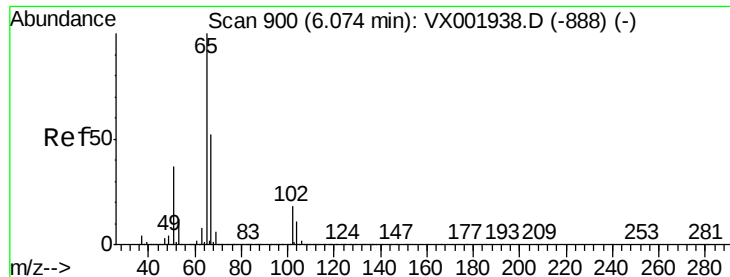
84 100

49 131.9 107.2 160.8

51 40.3 32.4 48.6

86 63.2 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 36.24 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

Instrument :

MSVOA_X

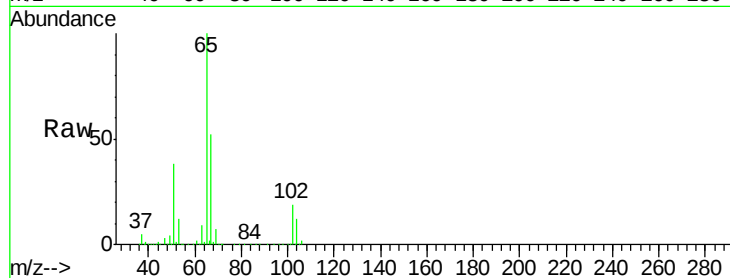
ClientSampleId :

Tot Ion: 65 Resp: 204868

Ion Ratio Lower Upper

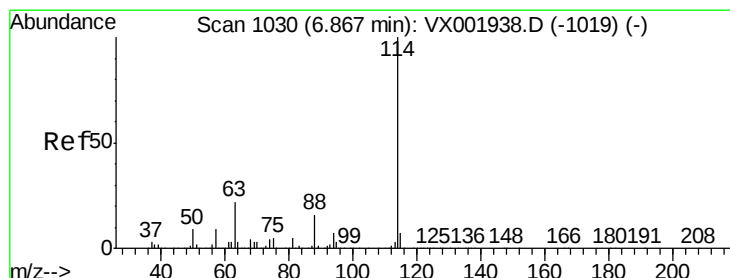
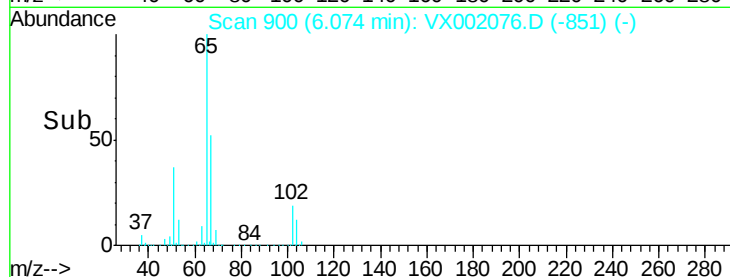
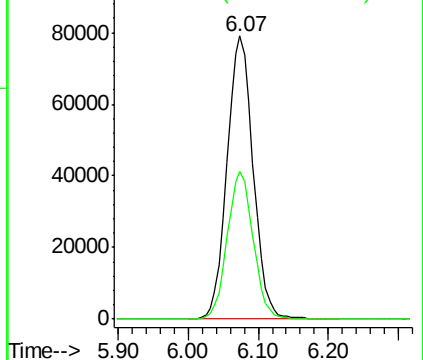
65 100

67 51.8 0.0 104.0



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: VX002076.D

Acq: 27 May 2018 18:38

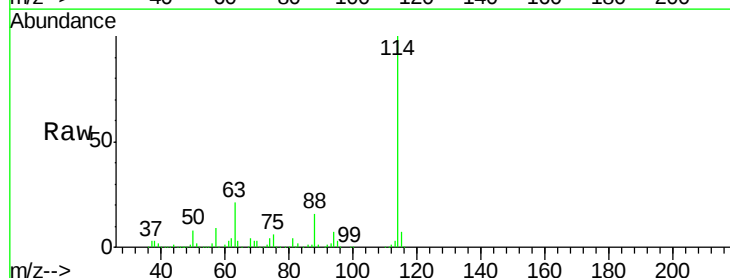
Tgt Ion: 114 Resp: 435206

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

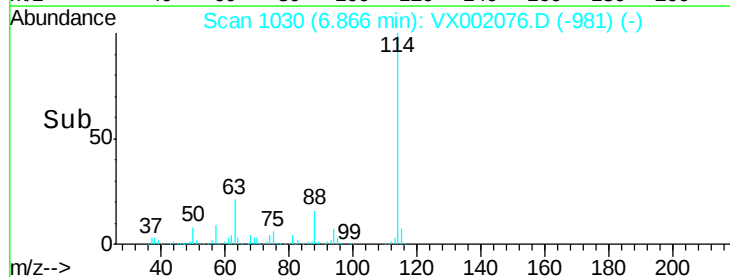
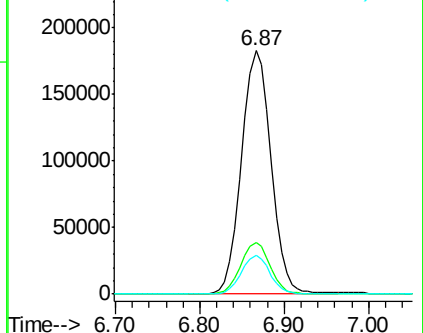
88 15.9 0.0 31.6

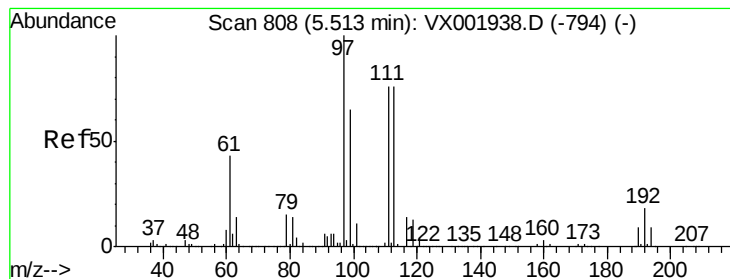


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 36.44 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

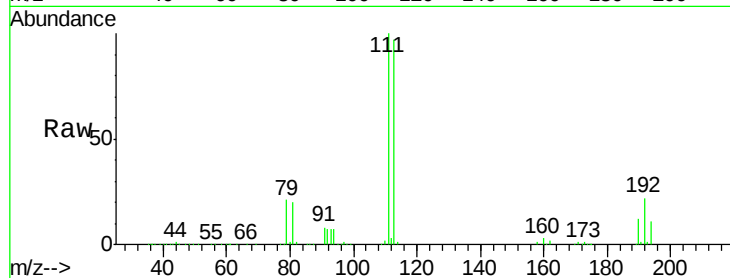
Tot Ion:113 Resp: 158572

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

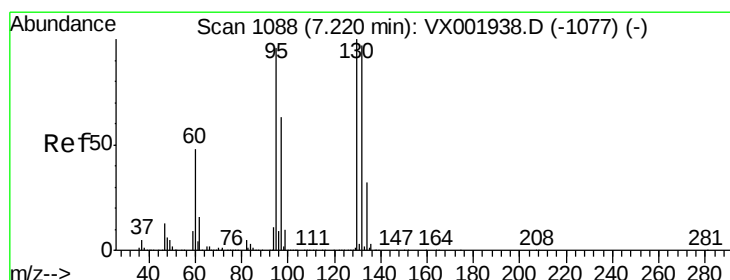
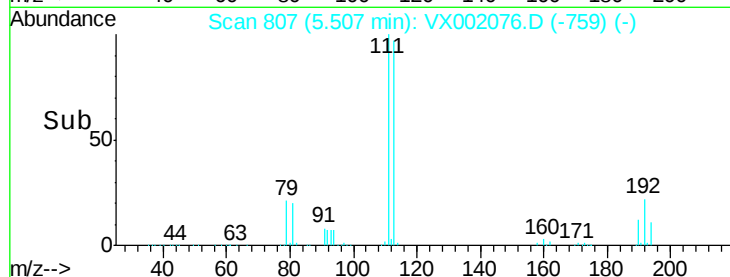
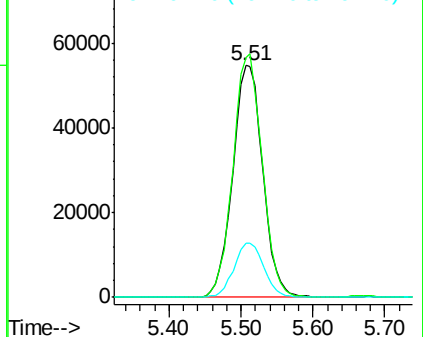
192 23.4 18.9 28.3



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



#44

Trichloroethene

Concen: 2.17 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX002076.D

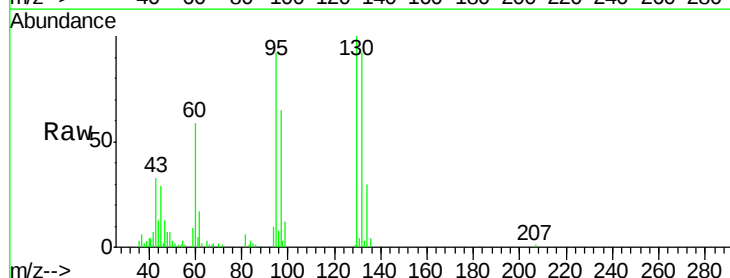
Acq: 27 May 2018 18:38

Tgt Ion:130 Resp: 11189

Ion Ratio Lower Upper

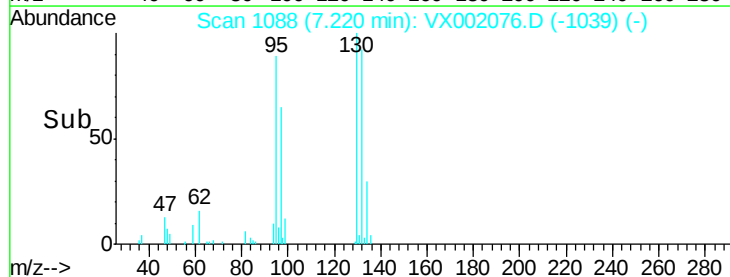
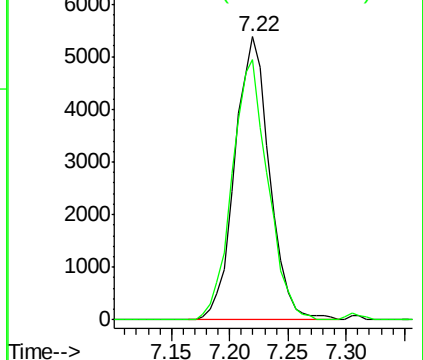
130 100

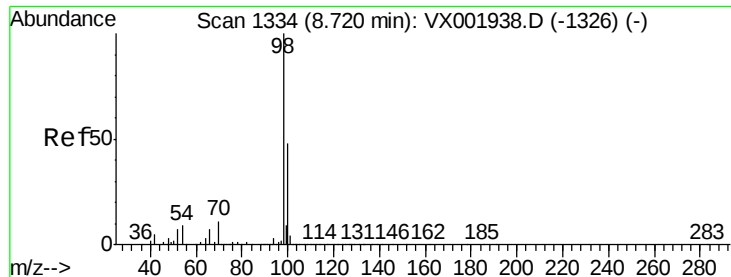
95 91.9 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 39.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

Instrument :

MSVOA_X

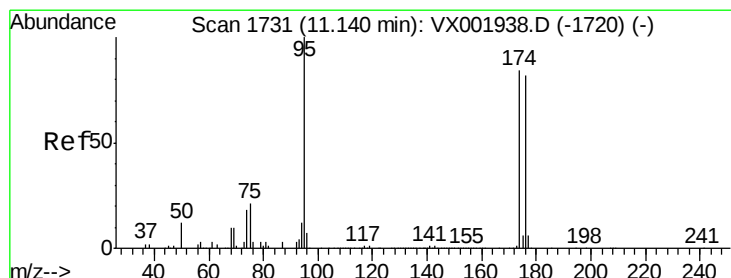
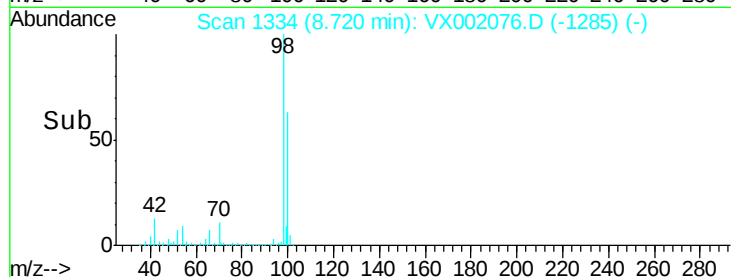
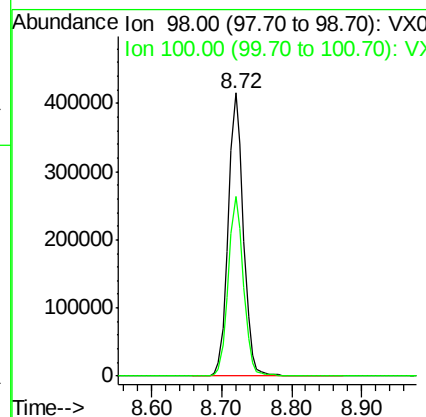
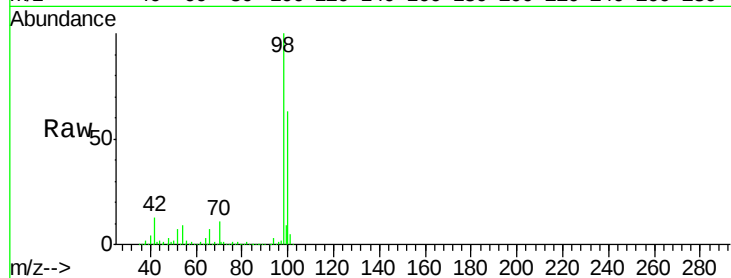
ClientSampleId :

Tot Ion: 98 Resp: 628933

Ion Ratio Lower Upper

98 100

100 63.6 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 36.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

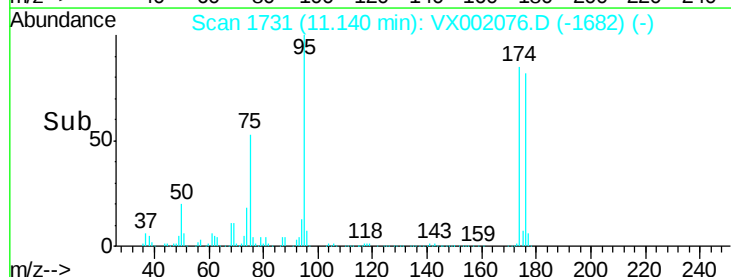
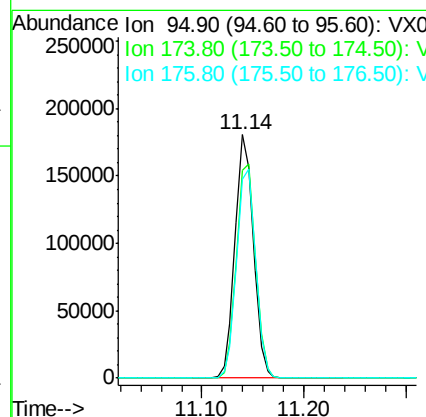
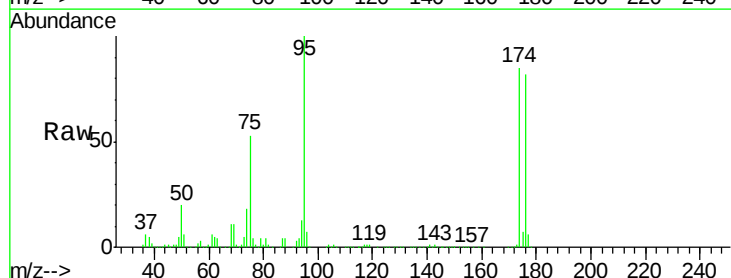
Tgt Ion: 95 Resp: 224700

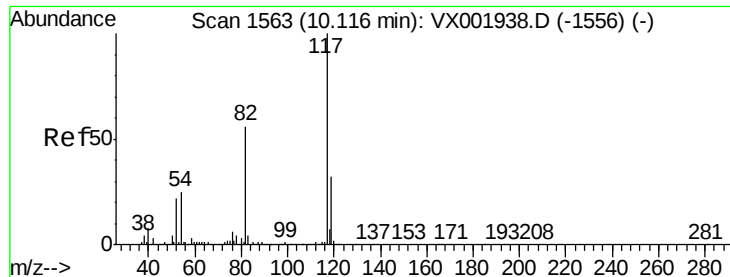
Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.8

176 89.0 0.0 175.6





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

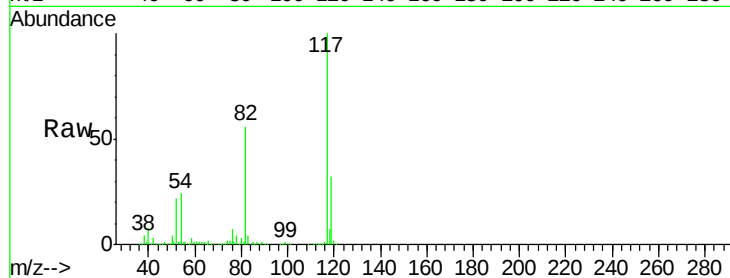
Tot Ion:117 Resp: 399760

Ion Ratio Lower Upper

117 100

82 55.6 44.8 67.2

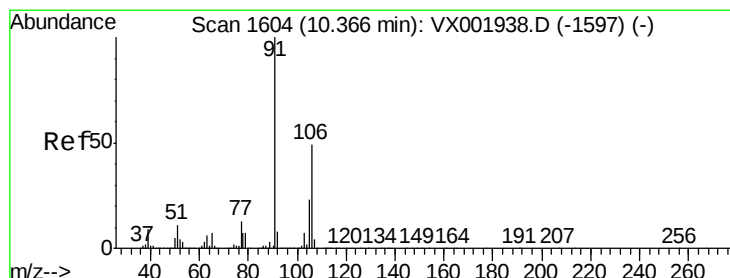
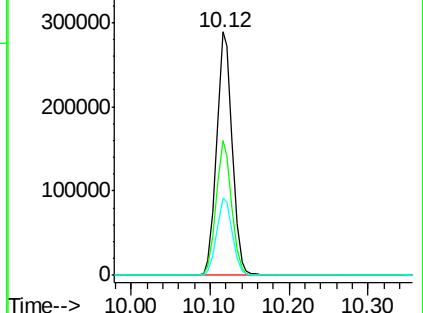
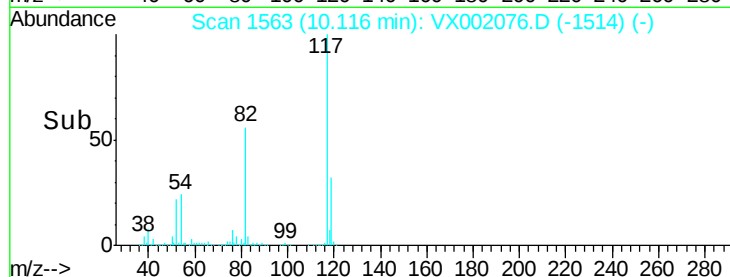
119 31.7 25.5 38.3



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



#68

m/p-Xylenes

Concen: 1.08 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.01 min

Lab File: VX002076.D

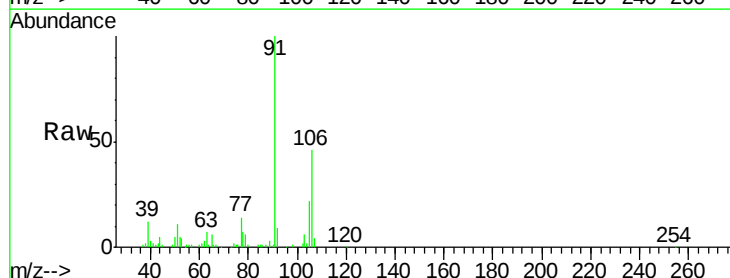
Acq: 27 May 2018 18:38

Tgt Ion:106 Resp: 9050

Ion Ratio Lower Upper

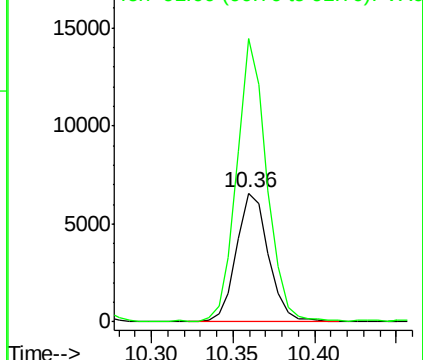
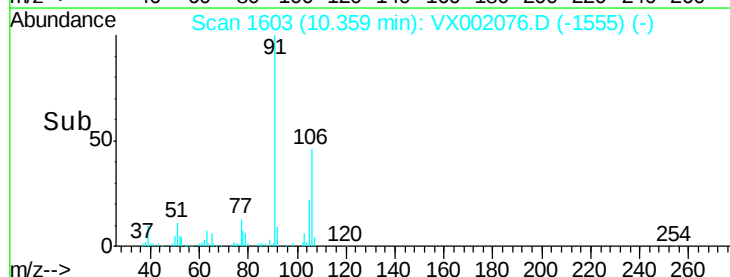
106 100

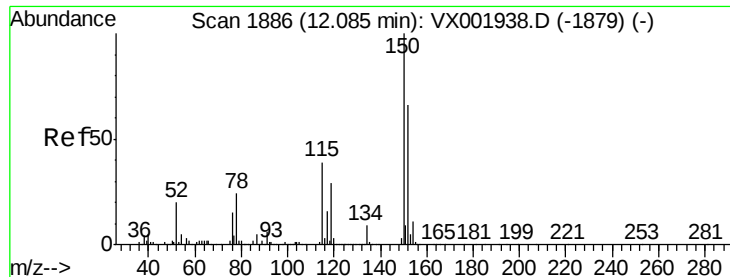
91 204.7 165.0 247.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

Instrument :

MSVOA_X

ClientSampleId :

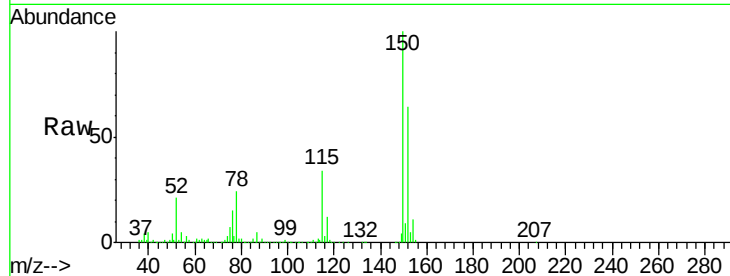
Tot Ion:152 Resp: 221673

Ion Ratio Lower Upper

152 100

115 54.7 42.3 126.8

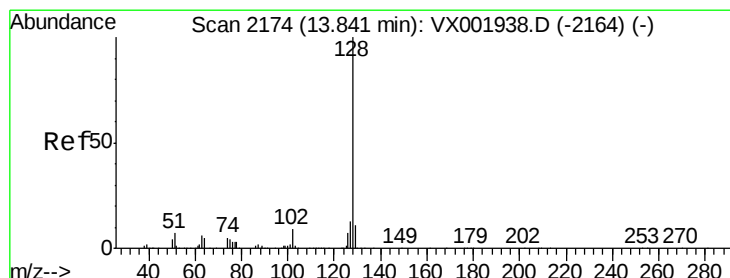
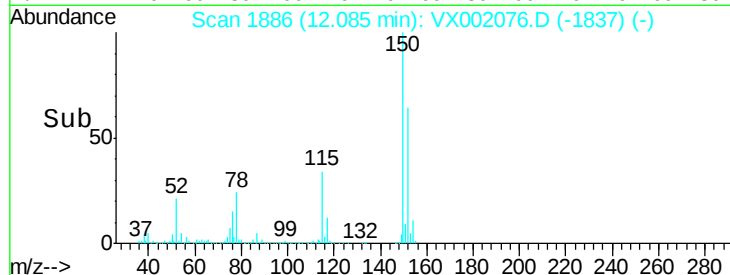
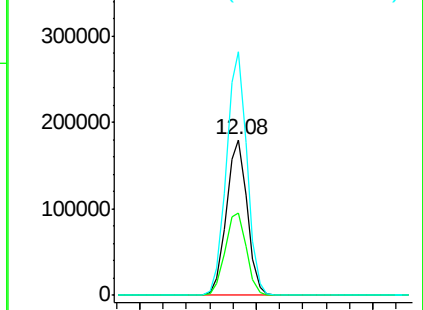
150 155.2 0.0 351.0



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



#95

Naphthalene

Concen: 25.68 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002076.D

Acq: 27 May 2018 18:38

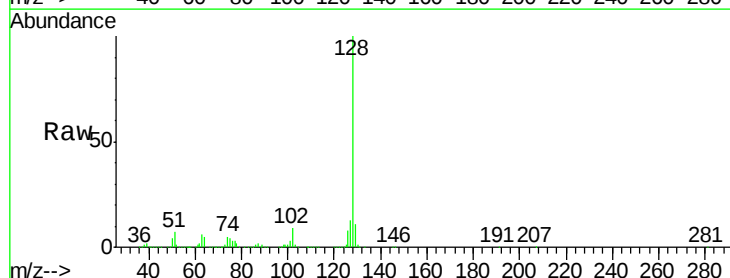
Tgt Ion:128 Resp: 514176

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

