

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002079.D
 Acq On : 27 May 2018 19:58
 Operator : JC/MD
 Sample : J3130-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 04:29:56 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

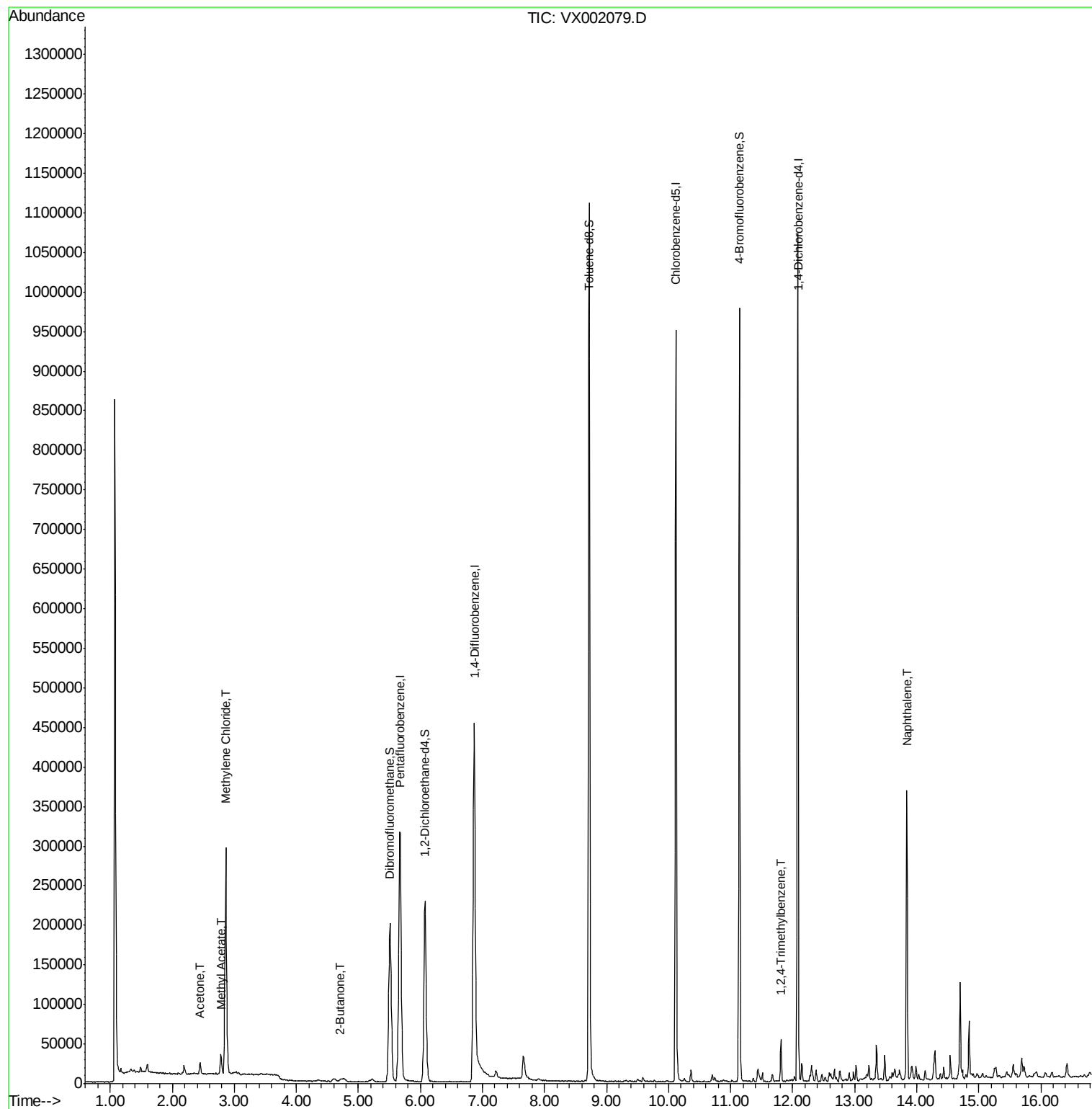
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	455932	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	227246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	214003	37.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.58%	
35) Dibromofluoromethane	5.51	113	164769	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
50) Toluene-d8	8.72	98	641113	38.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.68%	
62) 4-Bromofluorobenzene	11.14	95	231497	35.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.70%	
Target Compounds						
16) Acetone	2.45	43	15826	7.15	ug/l	97
18) Methyl Acetate	2.78	43	28787	4.36	ug/l	97
20) Methylene Chloride	2.86	84	128783	33.01	ug/l	98
25) 2-Butanone	4.71	43	5108	1.26	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	20526	1.21	ug/l	100
95) Naphthalene	13.84	128	227190	11.07	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: VX002079.D

Acq: 27 May 2018 19:58

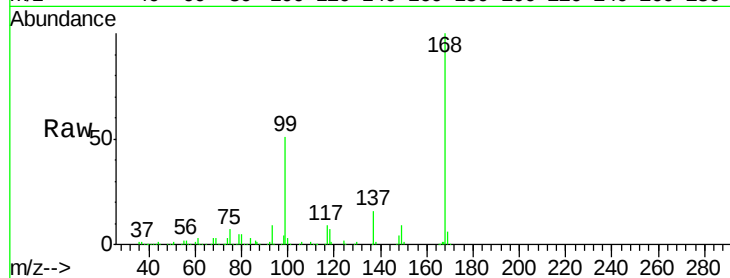
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 321078

Ion Ratio Lower Upper

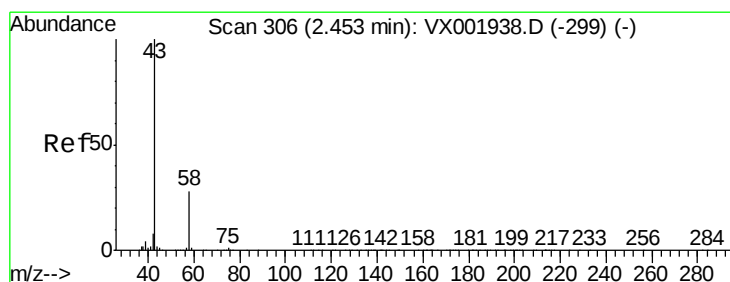
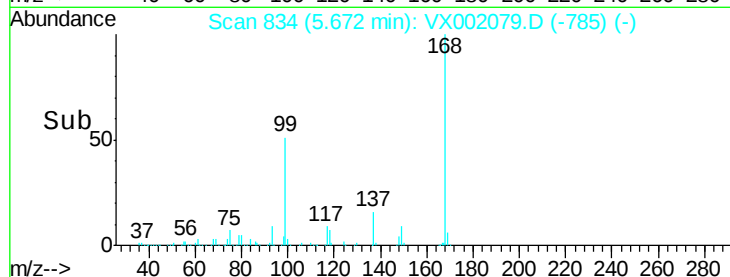
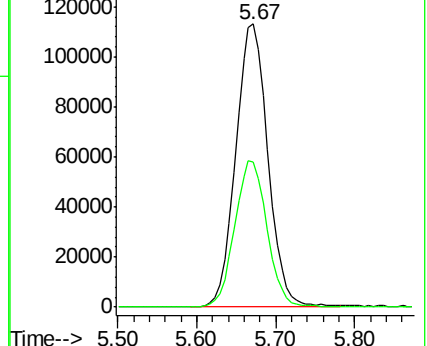
168 100

99 51.2 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.15 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002079.D

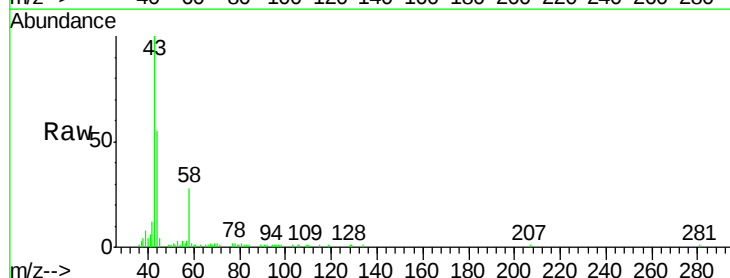
Acq: 27 May 2018 19:58

Tgt Ion: 43 Resp: 15826

Ion Ratio Lower Upper

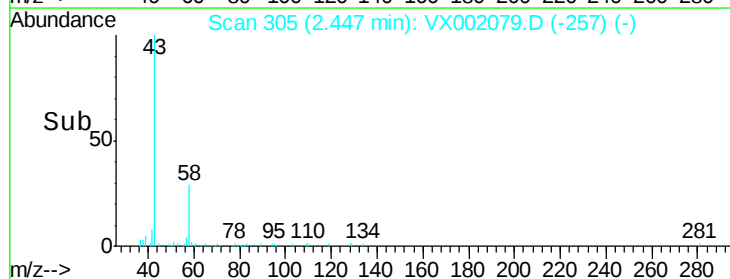
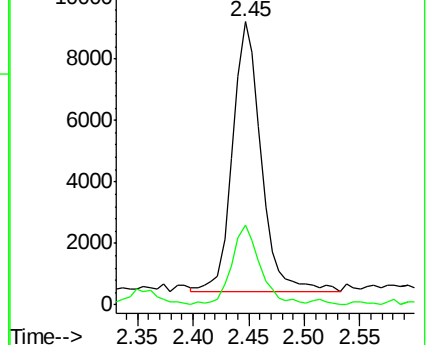
43 100

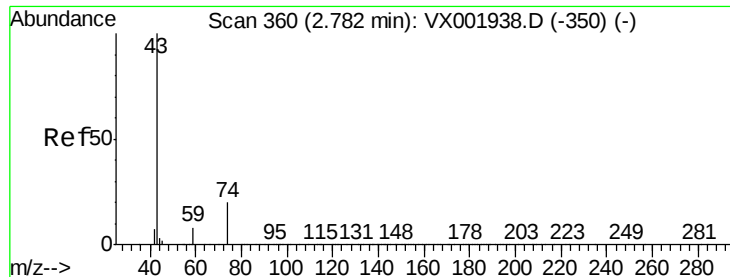
58 29.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

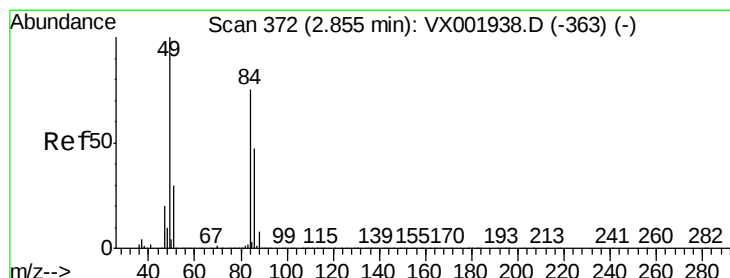
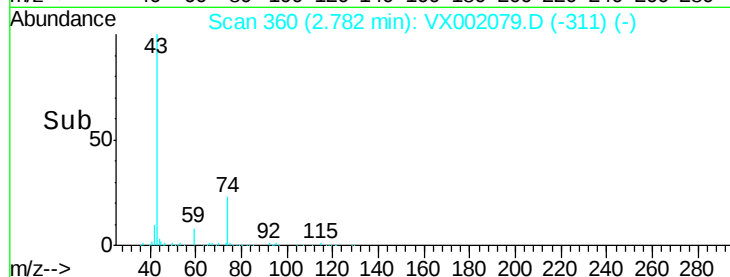
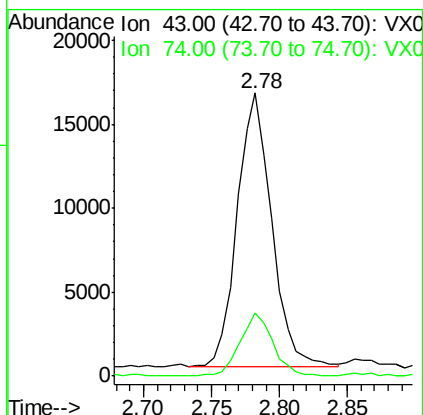
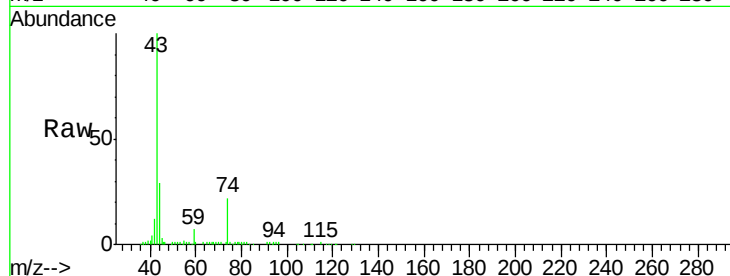




#18
Methvl Acetate
Concen: 4.36 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002079.D
Acq: 27 May 2018 19:58

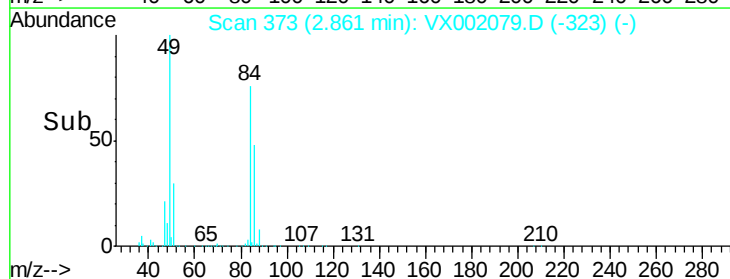
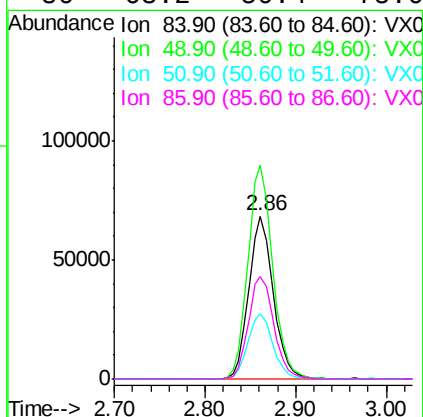
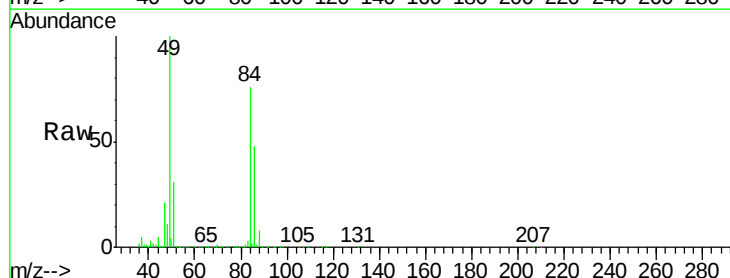
Instrument :
MSVOA_X
ClientSampled :

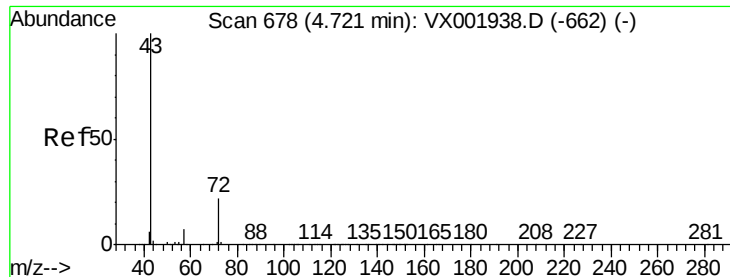
Tot Ion: 43 Resp: 28787
Ion Ratio Lower Upper
43 100
74 22.4 16.8 25.2



#20
Methylene Chloride
Concen: 33.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002079.D
Acq: 27 May 2018 19:58

Tgt Ion: 84 Resp: 128783
Ion Ratio Lower Upper
84 100
49 130.9 107.2 160.8
51 40.0 32.4 48.6
86 63.2 50.4 75.6

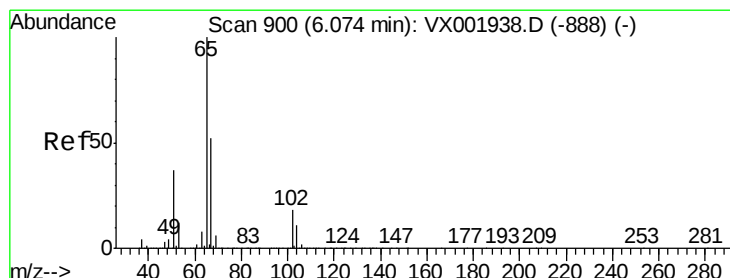
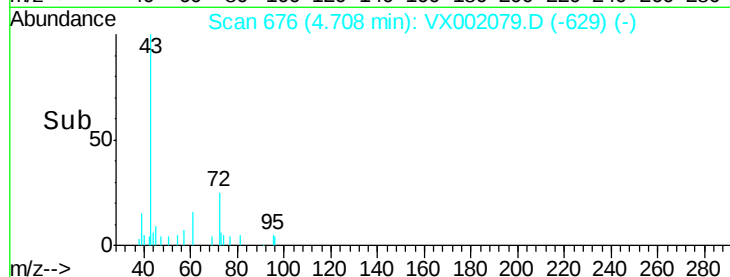
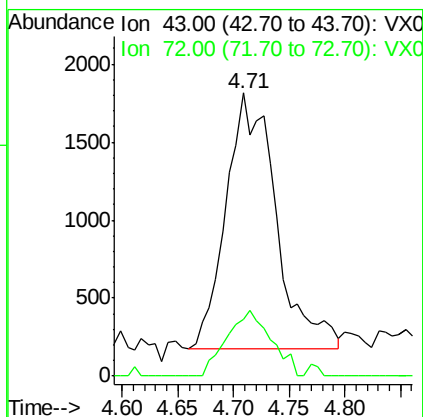
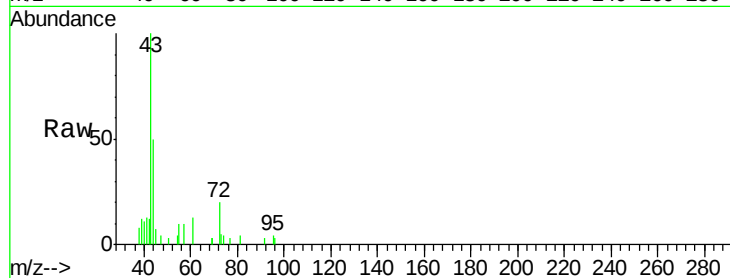




#25
2-Butanone
Concen: 1.26 ug/l
RT: 4.71 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX002079.D
Acq: 27 May 2018 19:58

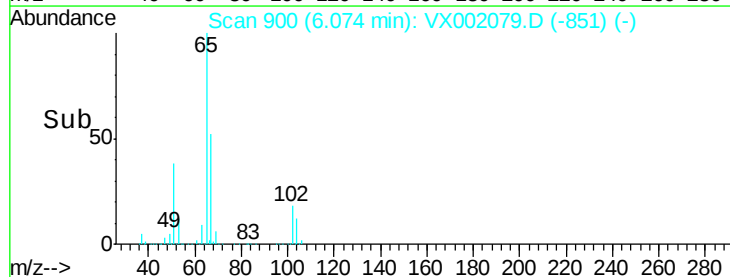
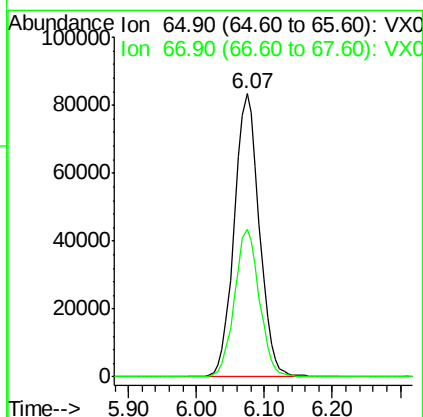
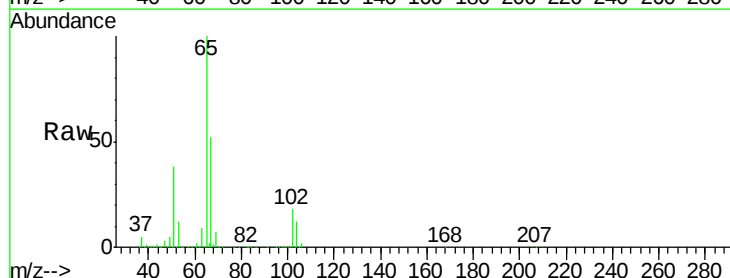
Instrument :
MSVOA_X
ClientSampleId :

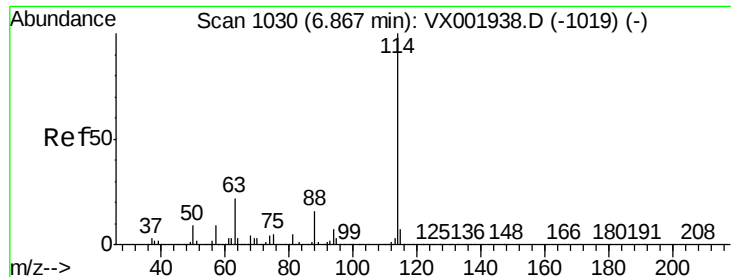
Tot Ion: 43 Resp: 5108
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9



#33
1,2-Dichloroethane-d4
Concen: 37.29 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX002079.D
Acq: 27 May 2018 19:58

Tgt Ion: 65 Resp: 214003
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002079.D

Acq: 27 May 2018 19:58

Instrument :

MSVOA_X

ClientSampled :

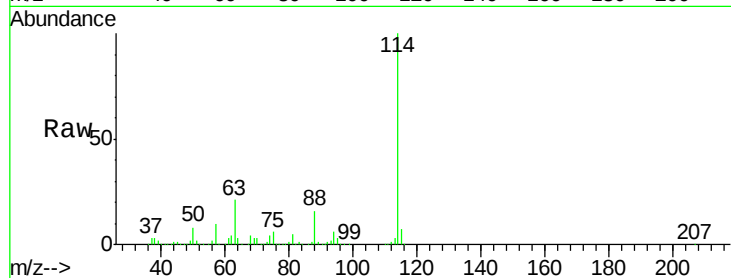
Tot Ion:114 Resp: 455932

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

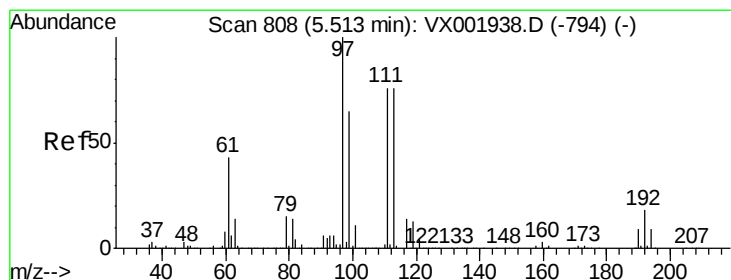
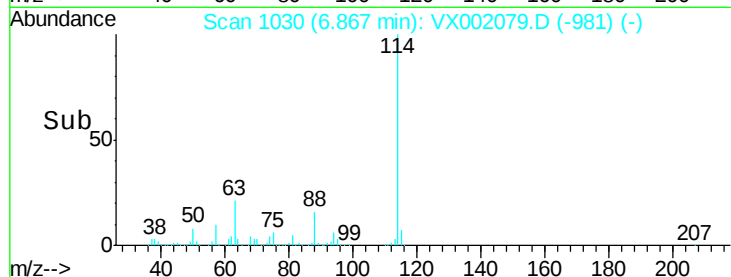
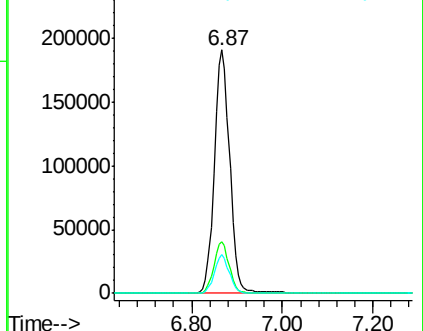
88 16.0 0.0 31.6



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: 36.14 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002079.D

Acq: 27 May 2018 19:58

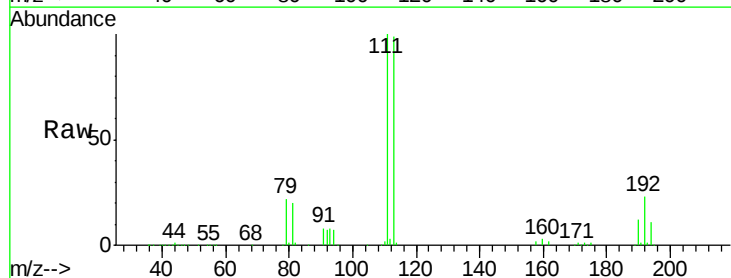
Tgt Ion:113 Resp: 164769

Ion Ratio Lower Upper

113 100

111 101.6 82.0 123.0

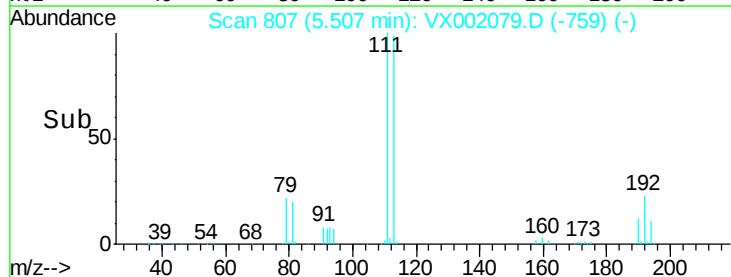
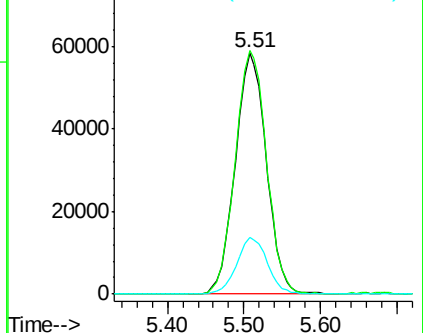
192 23.1 18.9 28.3

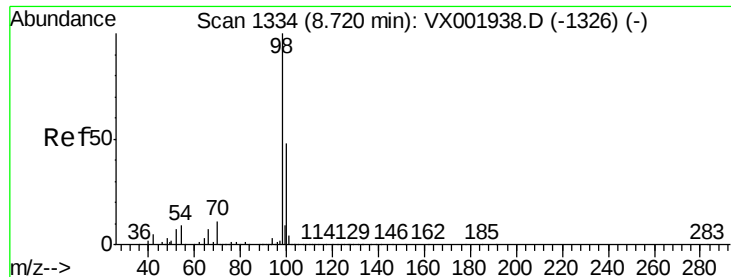


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

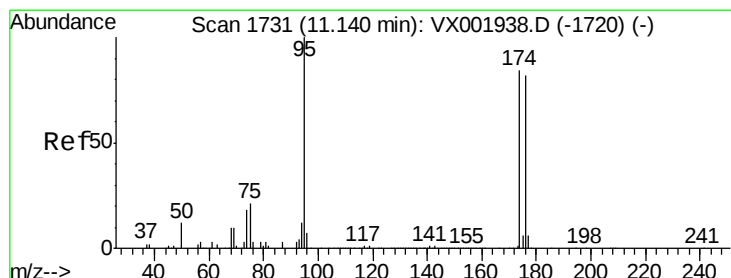
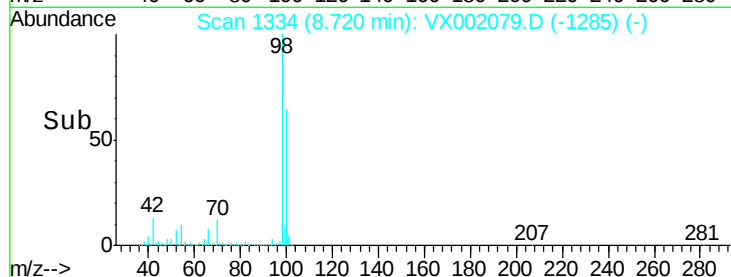
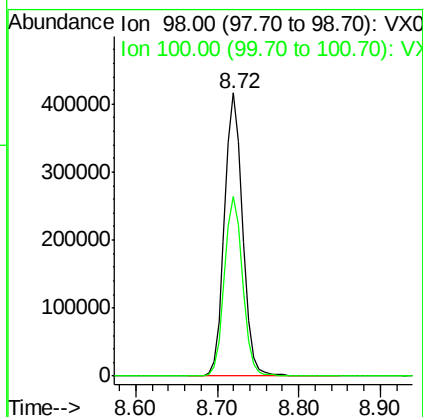
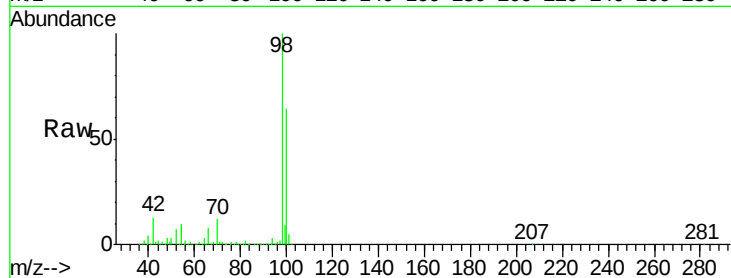




#50
Toluene-d8
Concen: 38.84 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002079.D
Acq: 27 May 2018 19:58

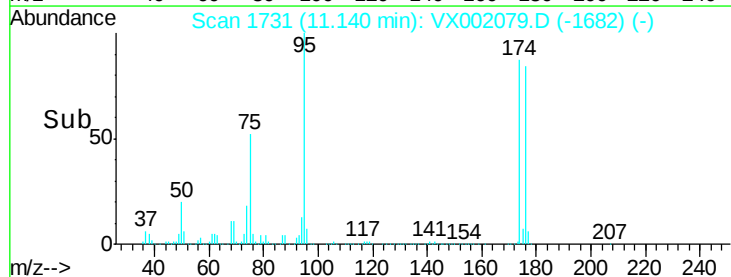
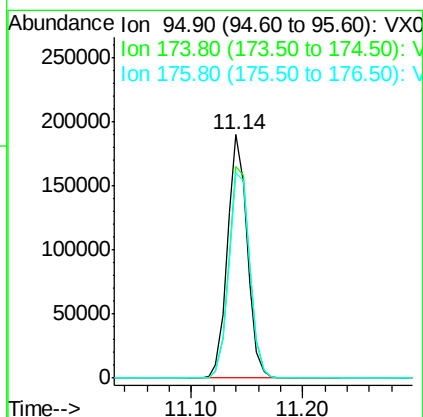
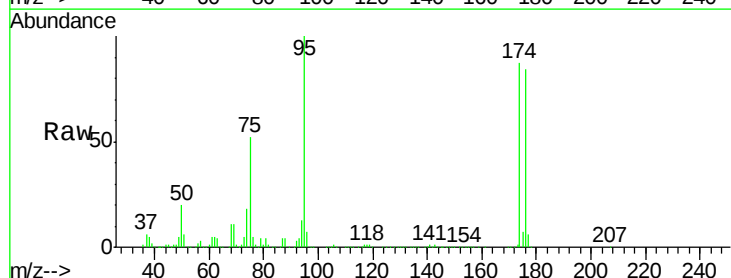
Instrument :
MSVOA_X
ClientSampleId :

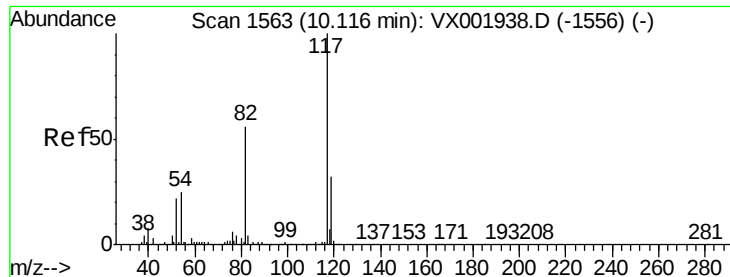
Tot Ion: 98 Resp: 641113
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 35.85 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002079.D
Acq: 27 May 2018 19:58

Tgt Ion: 95 Resp: 231497
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.8
176 89.6 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: VX002079.D

Acq: 27 May 2018 19:58

Instrument :

MSVOA_X

ClientSampleId :

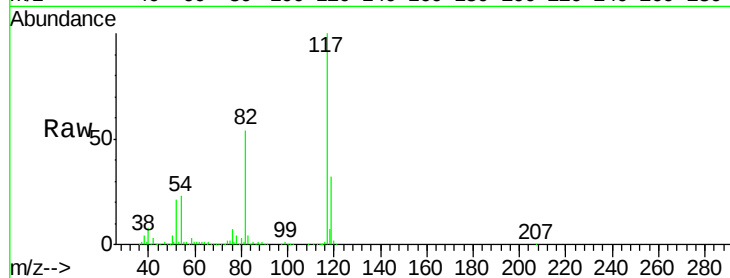
Tot Ion:117 Resp: 408648

Ion Ratio Lower Upper

117 100

82 54.4 44.8 67.2

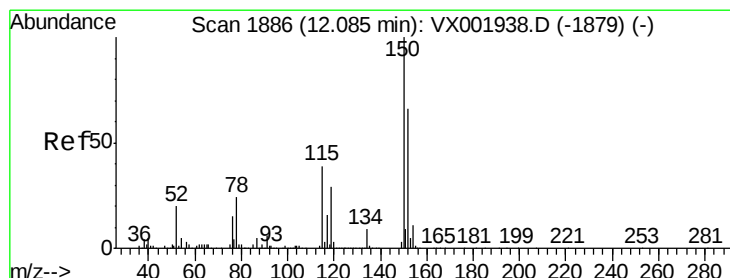
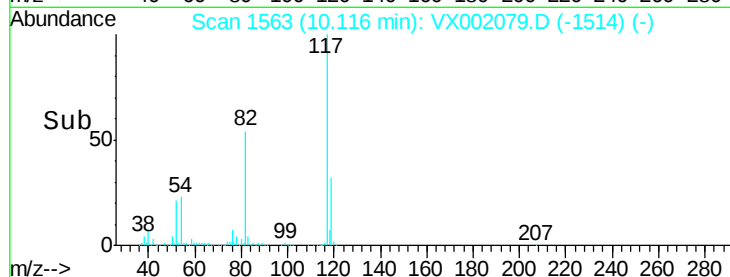
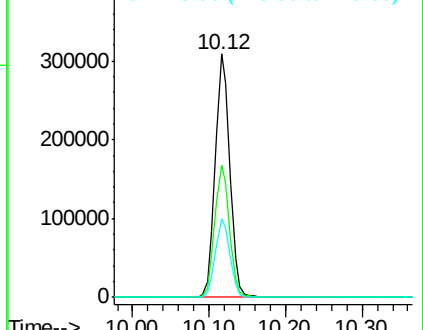
119 32.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX002079.D

Acq: 27 May 2018 19:58

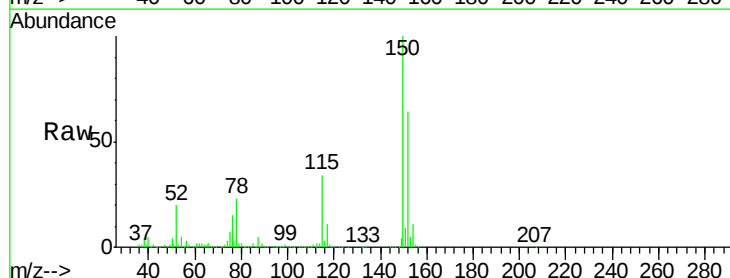
Tgt Ion:152 Resp: 227246

Ion Ratio Lower Upper

152 100

115 54.8 42.3 126.8

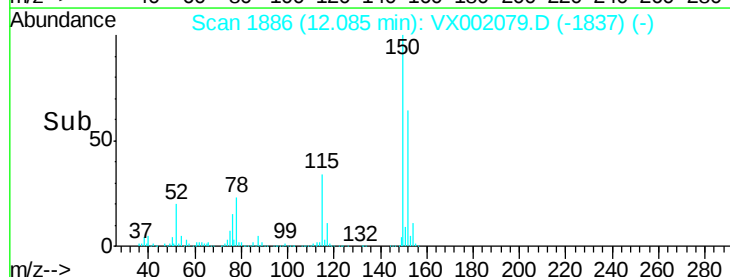
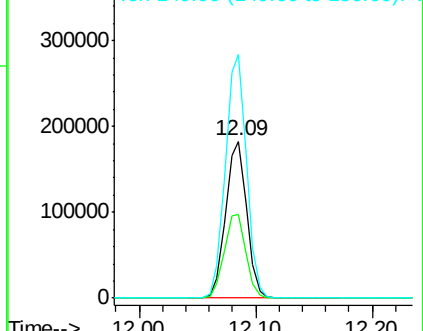
150 156.5 0.0 351.0

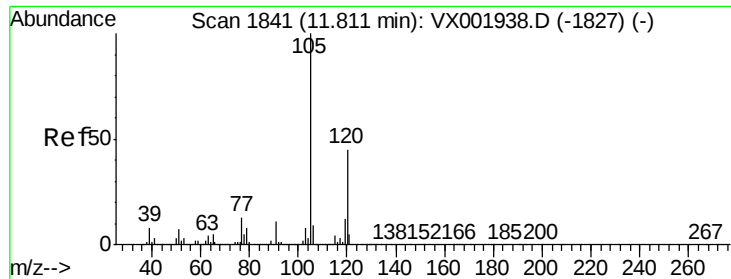


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

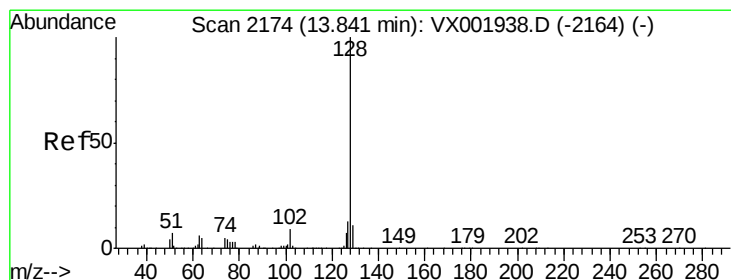
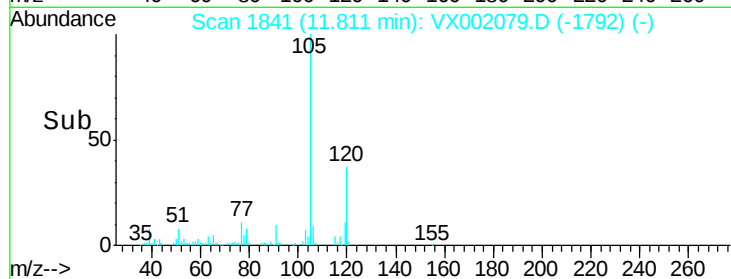
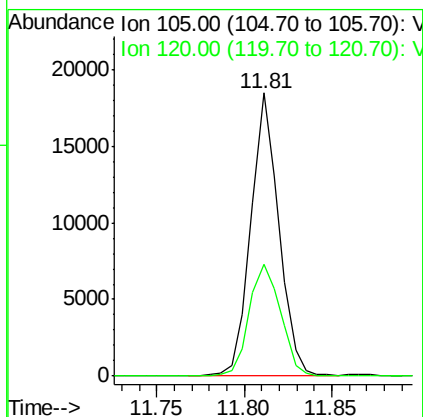
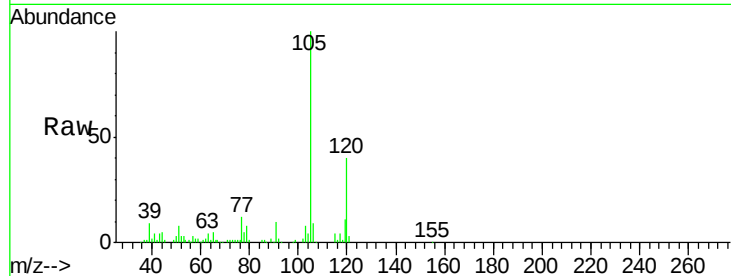




#84
 1,2,4-Trimethylbenzene
 Concen: 1.21 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002079.D
 Acq: 27 May 2018 19:58

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:105 Resp: 20526
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5



#95
 Naphthalene
 Concen: 11.07 ug/l
 RT: 13.84 min Scan# 2174
 Delta R.T. 0.00 min
 Lab File: VX002079.D
 Acq: 27 May 2018 19:58

Tgt Ion:128 Resp: 227190
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.9 8.8 13.2

