

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052618\
 Data File : VX002049.D
 Acq On : 27 May 2018 05:38
 Operator : JC/MD
 Sample : J3099-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 200027

Quant Time: May 29 06:50:05 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

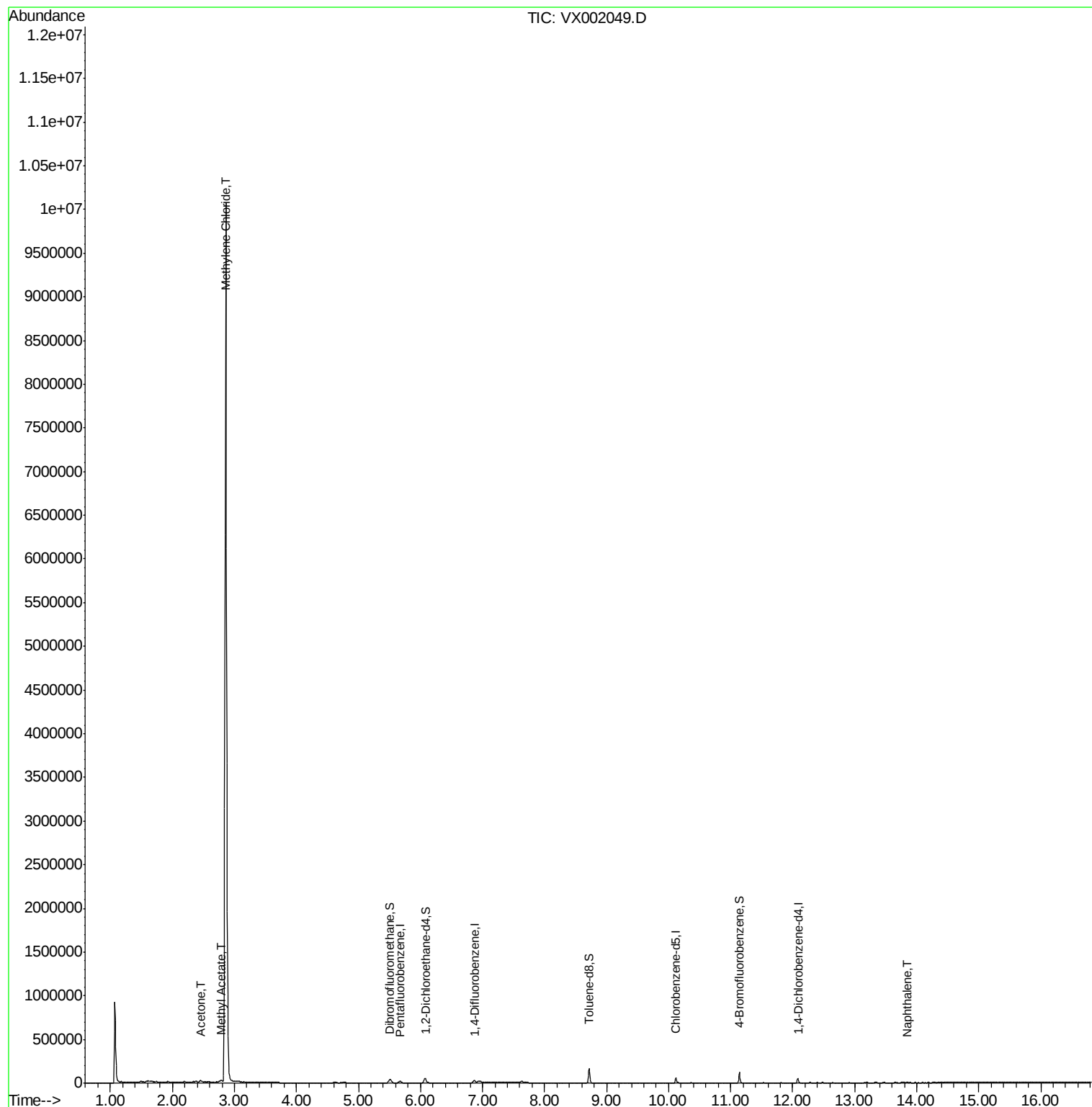
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	18118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	29279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	23344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	9772	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	50046	154.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	309.06%	
35) Dibromofluoromethane	5.51	113	35224	120.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	240.60%	
50) Toluene-d8	8.72	98	93397	88.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	176.22%	
62) 4-Bromofluorobenzene	11.14	95	30291	73.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.08%	
Target Compounds						
16) Acetone	2.45	43	16198	129.60	ug/l	96
18) Methyl Acetate	2.78	43	24219	81.15	ug/l	97
20) Methylene Chloride	2.86	84	4612996	22049.68	ug/l	96
95) Naphthalene	13.84	128	4926	5.58	ug/l #	95

(#) = 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: VX002049.D

Acq: 27 May 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

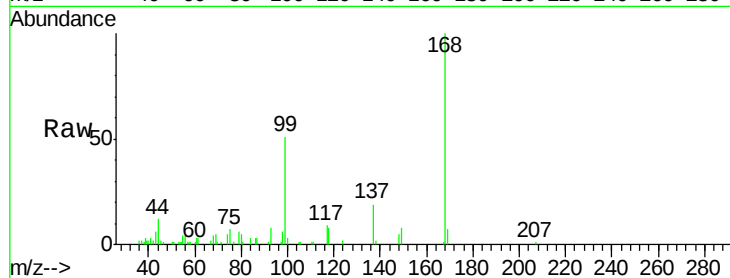
200027

Tot Ion:168 Resp: 18118

Ion Ratio Lower Upper

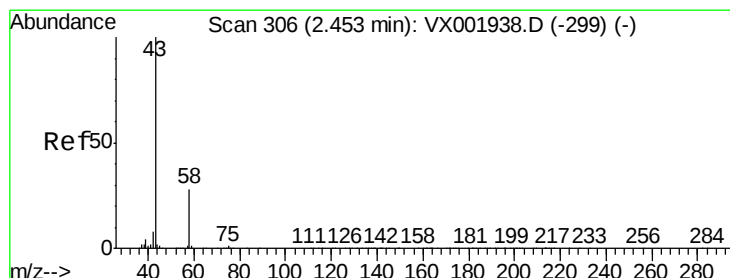
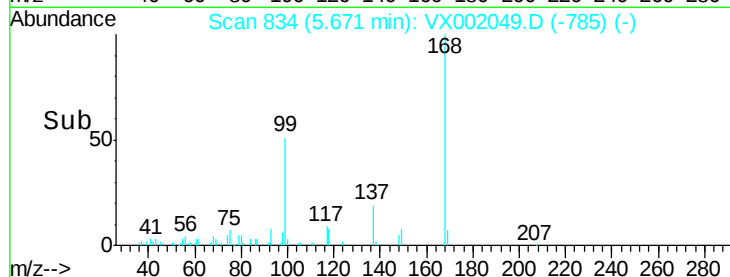
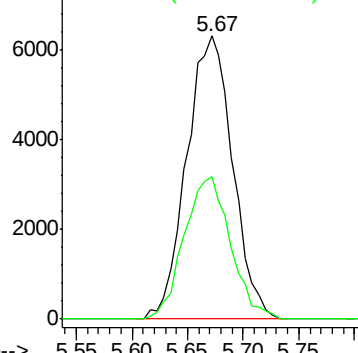
168 100

99 50.5 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: 129.60 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002049.D

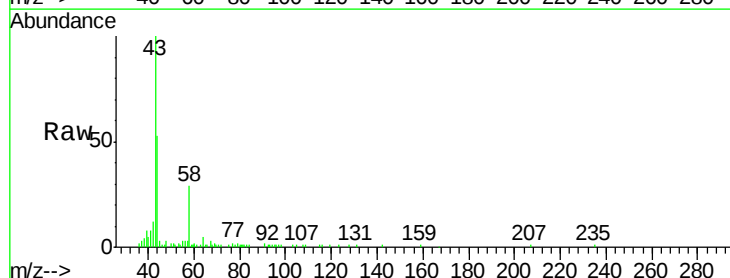
Acq: 27 May 2018 05:38

Tgt Ion: 43 Resp: 16198

Ion Ratio Lower Upper

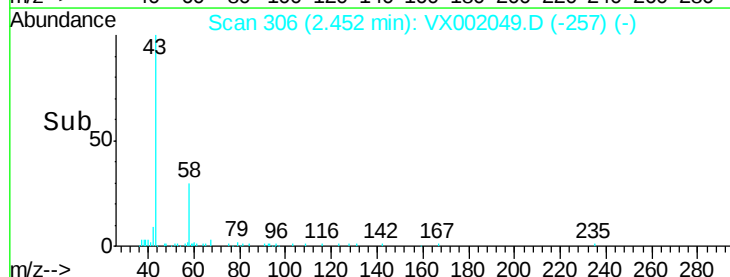
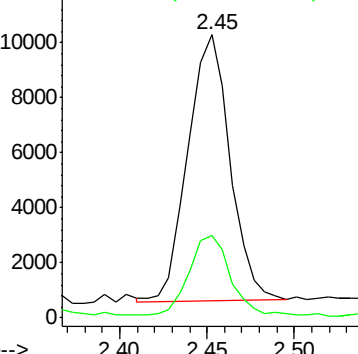
43 100

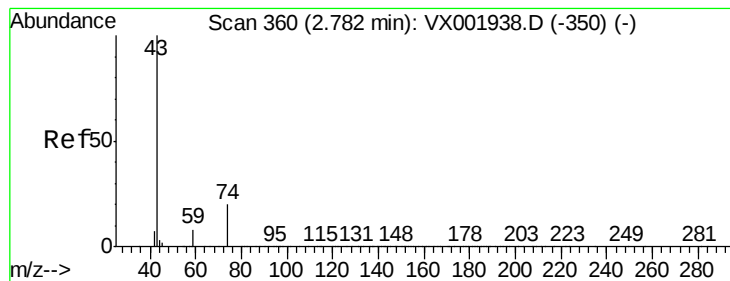
58 30.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 81.15 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002049.D

Acq: 27 May 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

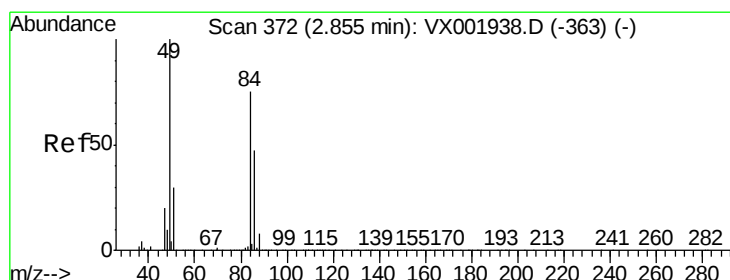
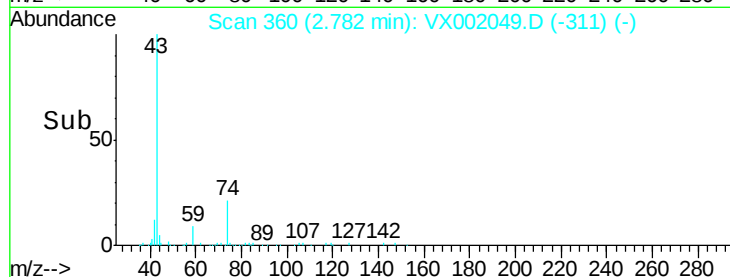
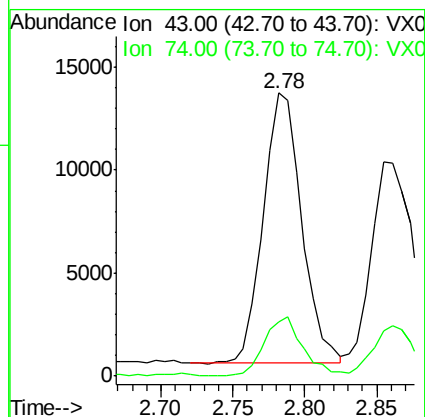
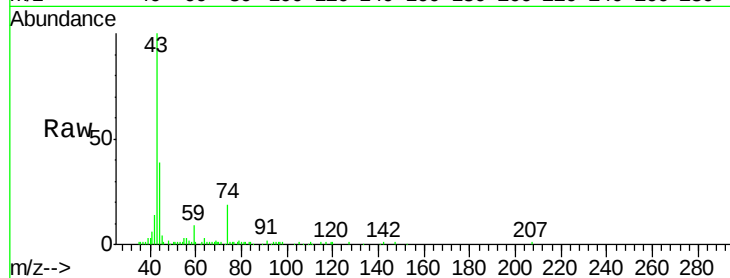
200027

Tot Ion: 43 Resp: 24219

Ion Ratio Lower Upper

43 100

74 22.3 16.8 25.2



#20

Methylene Chloride

Concen: 22049.68 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002049.D

Acq: 27 May 2018 05:38

Tgt Ion: 84 Resp: 4612996

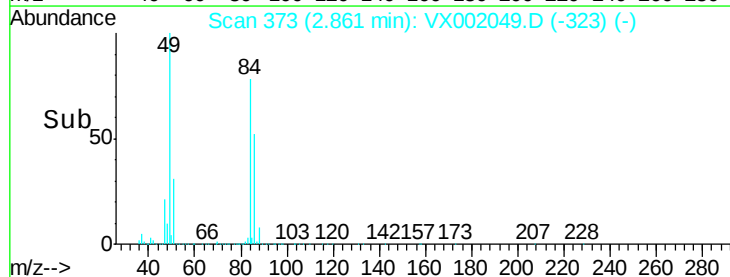
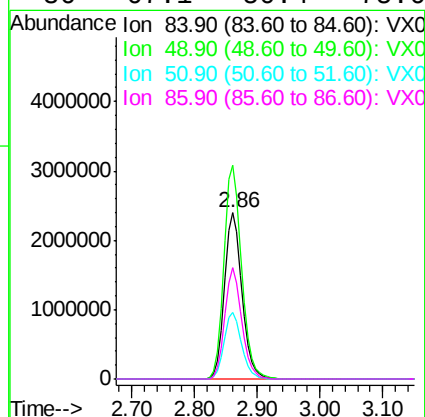
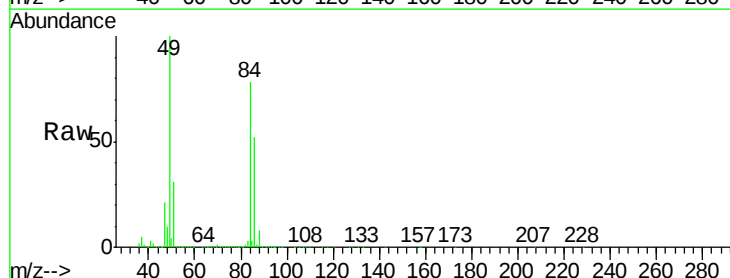
Ion Ratio Lower Upper

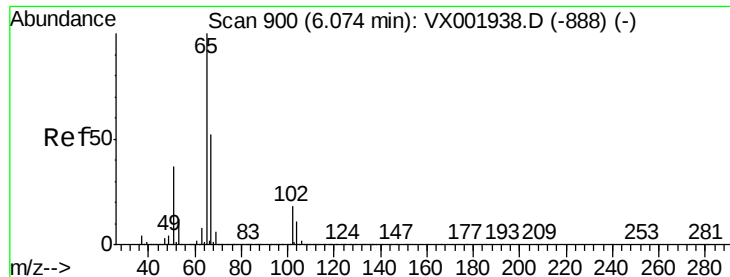
84 100

49 128.5 107.2 160.8

51 40.0 32.4 48.6

86 67.1 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 154.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002049.D

Acq: 27 May 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

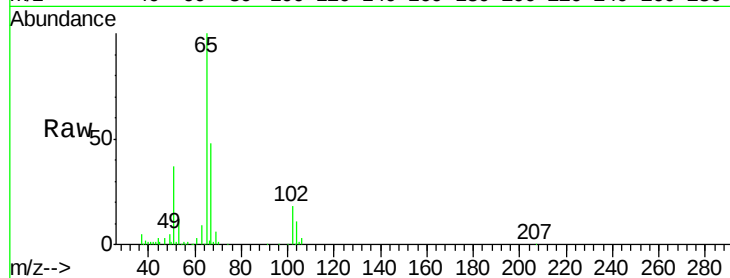
200027

Tot Ion: 65 Resp: 50046

Ion Ratio Lower Upper

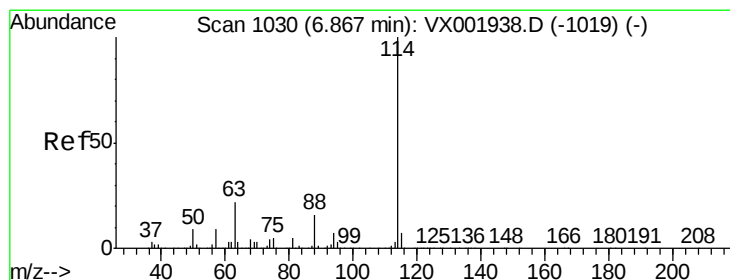
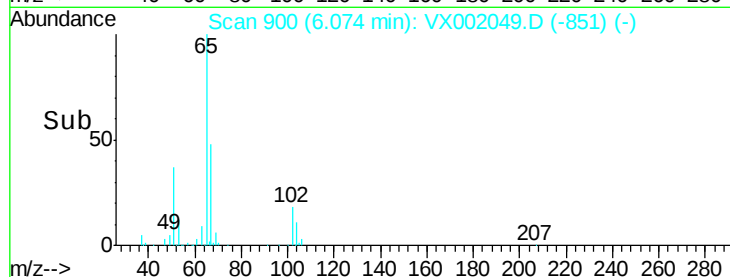
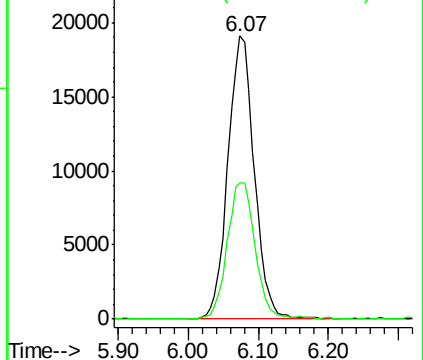
65 100

67 50.7 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: VX002049.D

Acq: 27 May 2018 05:38

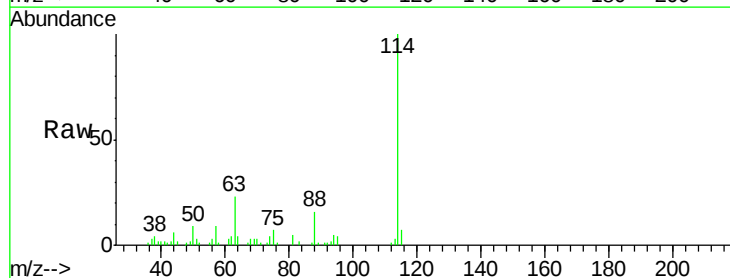
Tgt Ion: 114 Resp: 29279

Ion Ratio Lower Upper

114 100

63 23.2 0.0 43.2

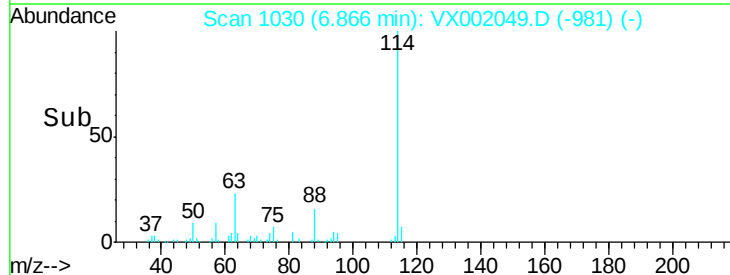
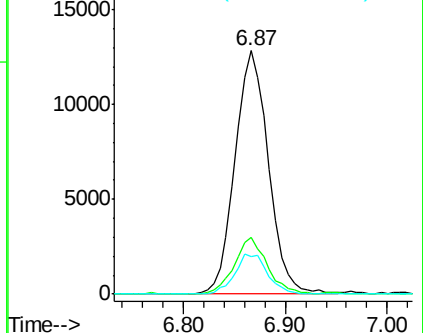
88 15.7 0.0 31.6

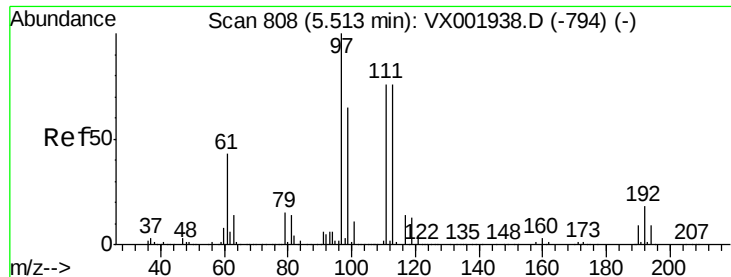


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 120.30 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002049.D

Acq: 27 May 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

200027

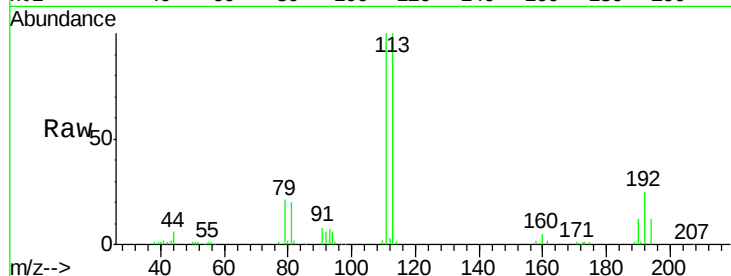
Tot Ion:113 Resp: 35224

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

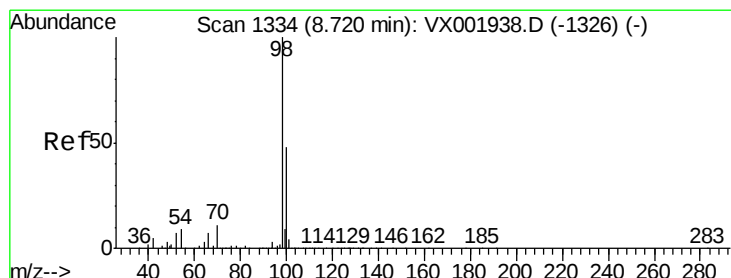
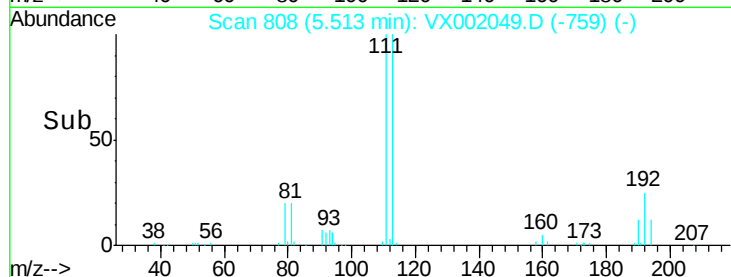
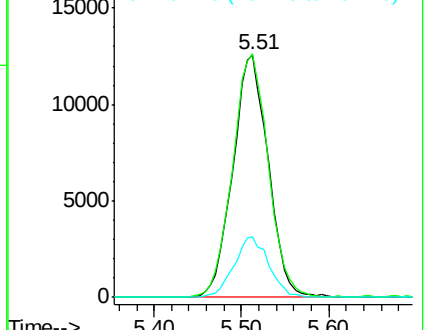
192 24.3 18.9 28.3



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: 88.11 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002049.D

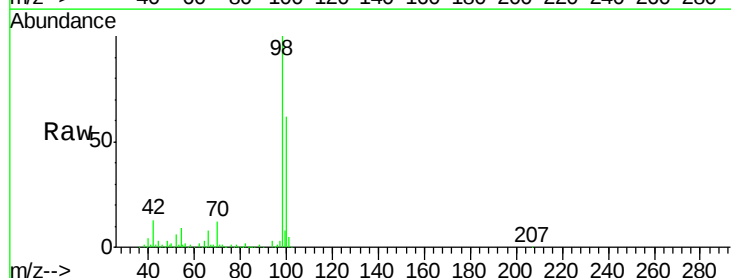
Acq: 27 May 2018 05:38

Tgt Ion: 98 Resp: 93397

Ion Ratio Lower Upper

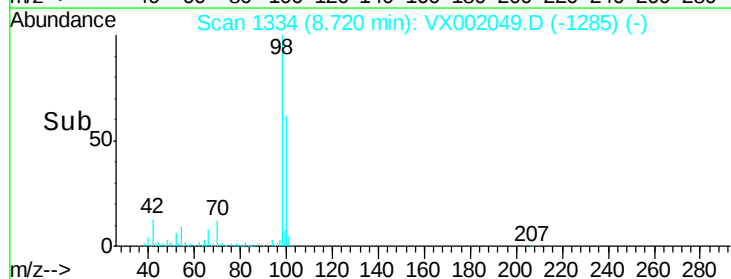
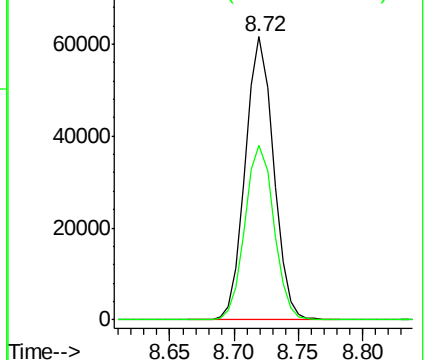
98 100

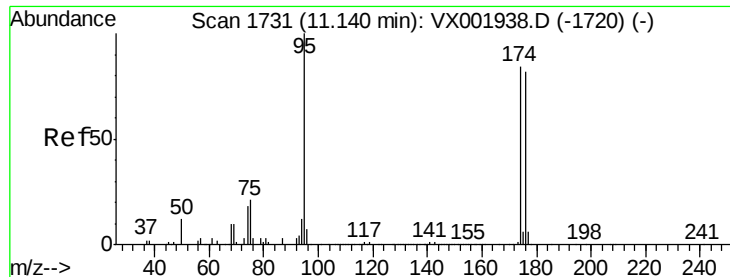
100 63.1 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

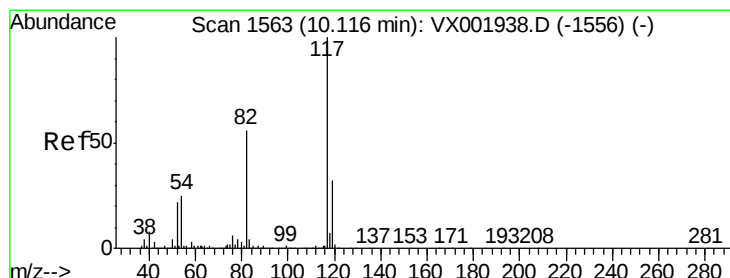
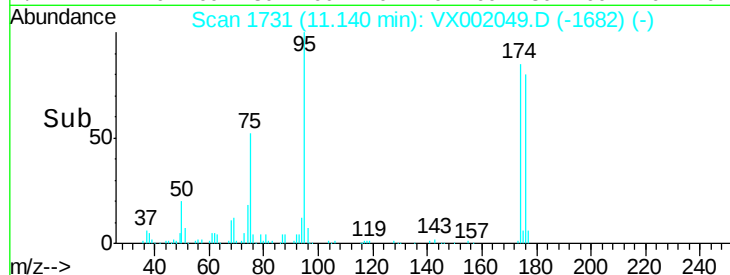
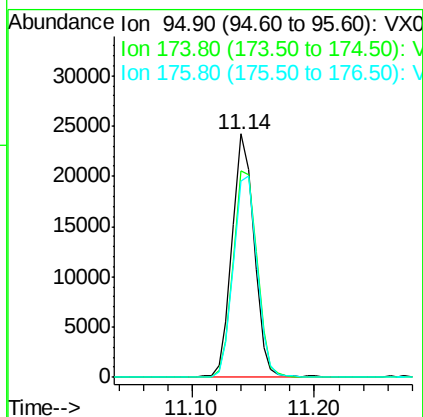
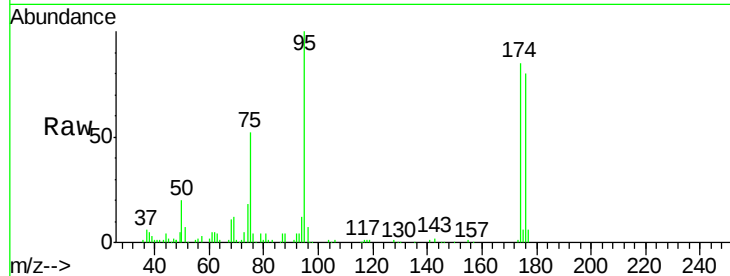




#62
4-Bromofluorobenzene
Concen: 73.04 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002049.D
Acq: 27 May 2018 05:38

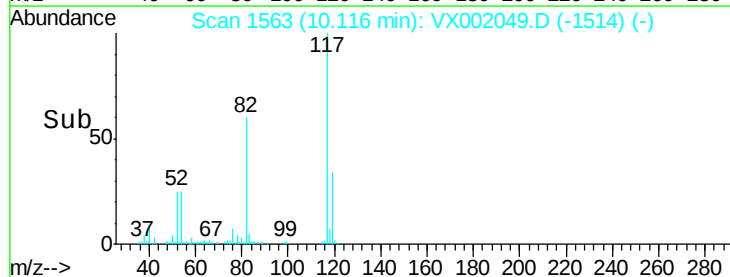
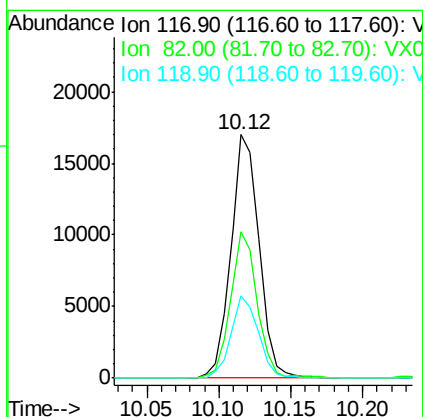
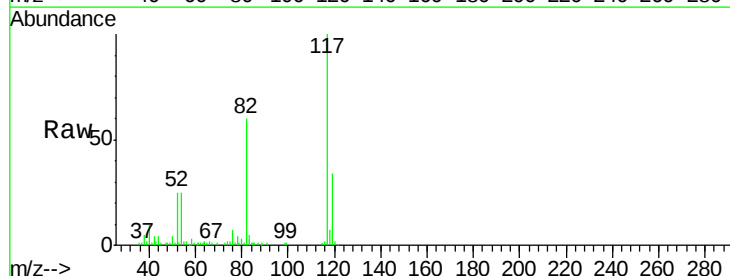
Instrument :
MSVOA_X
ClientSampleId :
200027

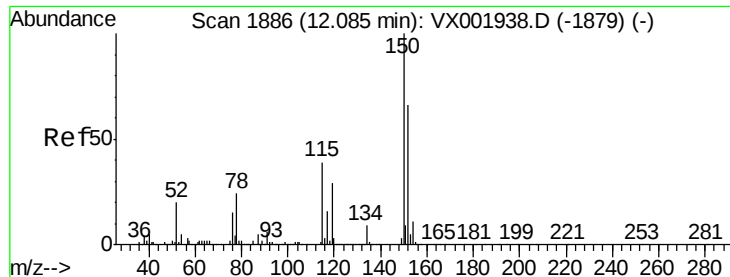
Tot Ion: 95 Resp: 30291
Ion Ratio Lower Upper
95 100
174 91.4 0.0 178.8
176 87.8 0.0 175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002049.D
Acq: 27 May 2018 05:38

Tgt Ion: 117 Resp: 23344
Ion Ratio Lower Upper
117 100
82 59.5 44.8 67.2
119 33.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002049.D

Acq: 27 May 2018 05:38

Instrument :

MSVOA_X

ClientSampleId :

200027

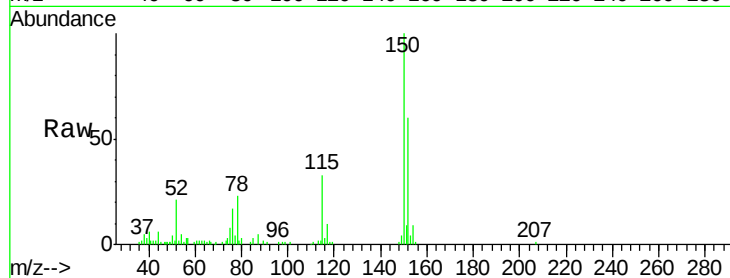
Tot Ion:152 Resp: 9772

Ion Ratio Lower Upper

152 100

115 56.9 42.3 126.8

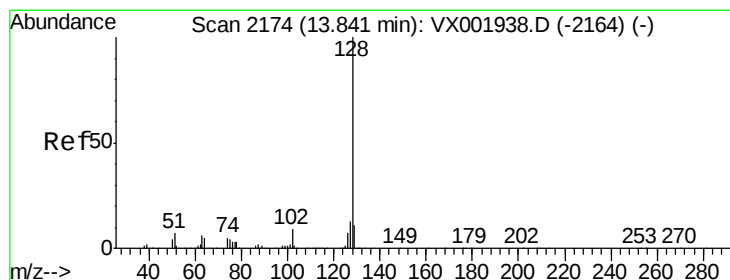
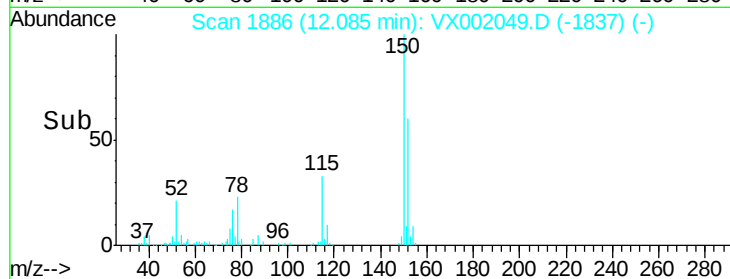
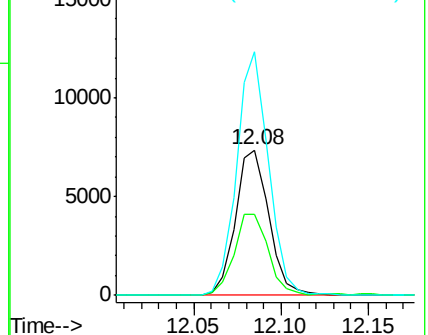
150 159.0 0.0 351.0



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: 5.58 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002049.D

Acq: 27 May 2018 05:38

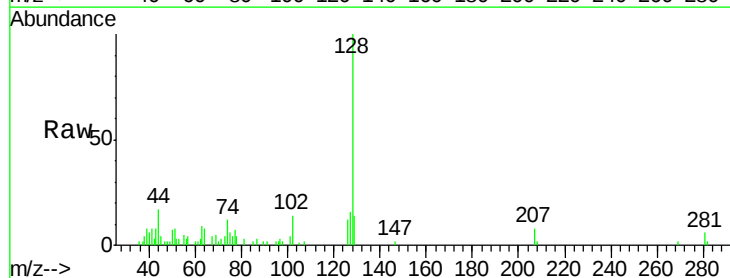
Tgt Ion:128 Resp: 4926

Ion Ratio Lower Upper

128 100

127 16.0 10.4 15.6#

129 10.6 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

