

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001280.D
 Acq On : 01 May 2018 15:50
 Operator : JC/MD
 Sample : J2616-12 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ROBEL-2

Quant Time: May 02 05:06:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

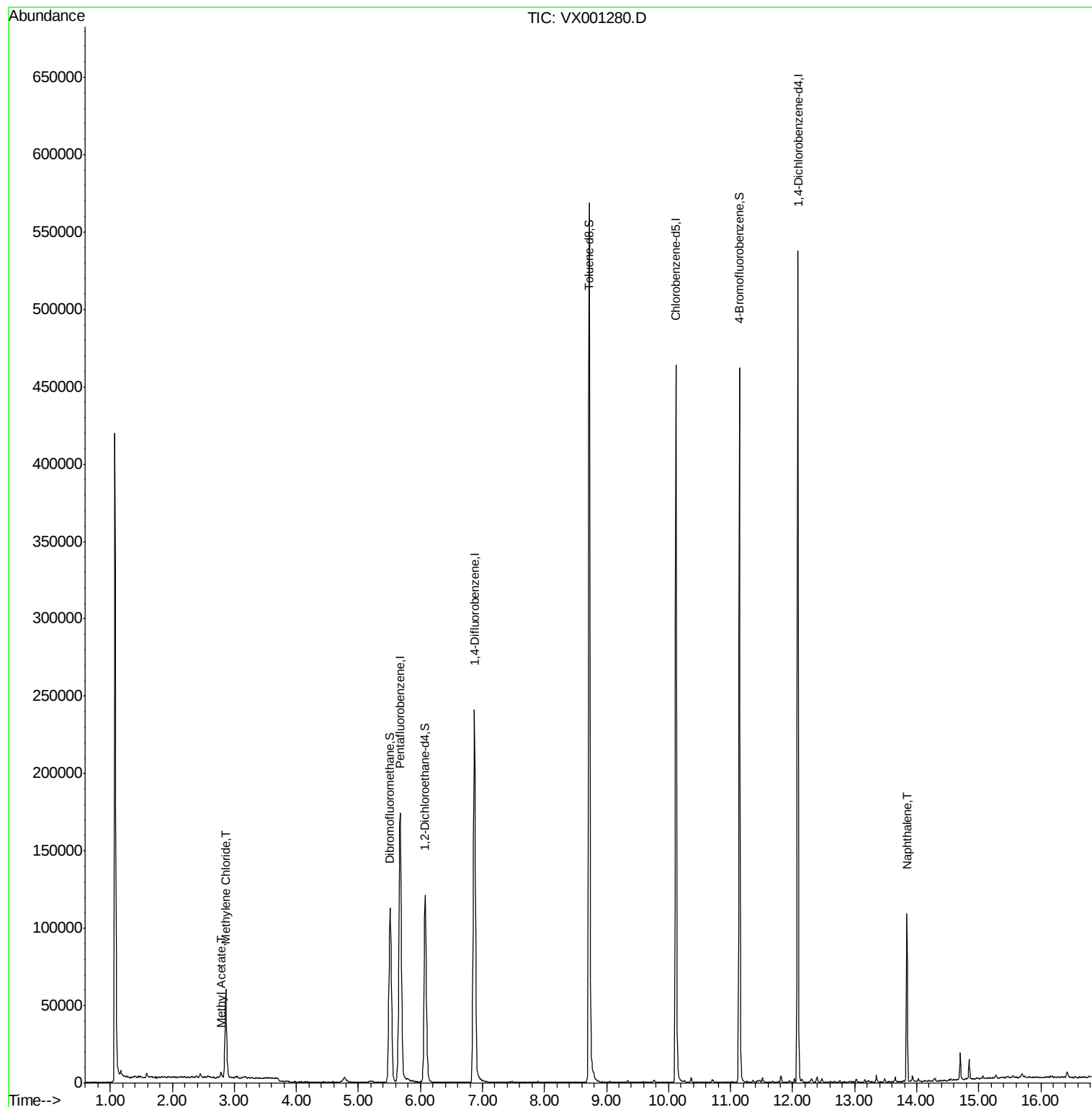
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	187978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	254272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	219029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	116037	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	113368	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
35) Dibromofluoromethane	5.51	113	92268	42.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.24%	
50) Toluene-d8	8.72	98	351588	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
62) 4-Bromofluorobenzene	11.14	95	111644	35.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.34%	
Target Compounds						
18) Methyl Acetate	2.78	43	3954	1.51	ug/l	99
20) Methylene Chloride	2.86	84	25842	11.67	ug/l	98
95) Naphthalene	13.84	128	63832	7.52	ug/l	99

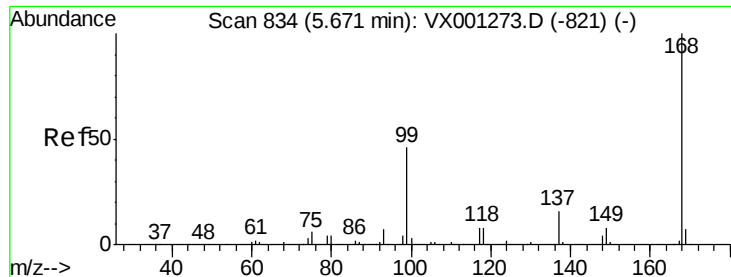
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 02 01:48:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001280.D

Acq: 01 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

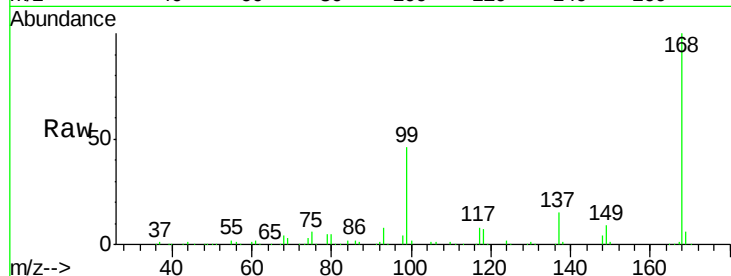
ROBEL-2

Tot Ion:168 Resp: 187978

Ion Ratio Lower Upper

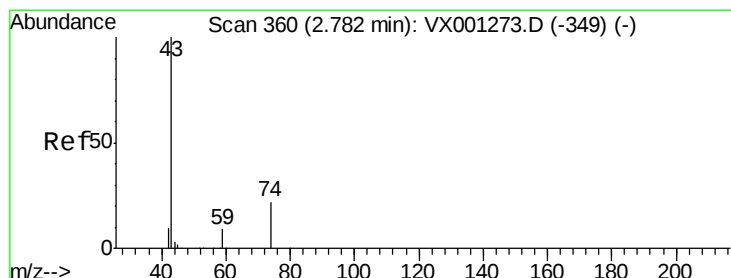
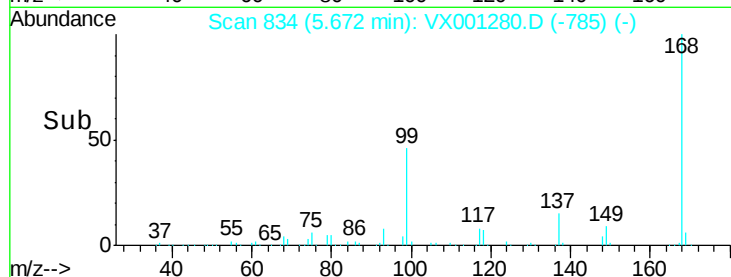
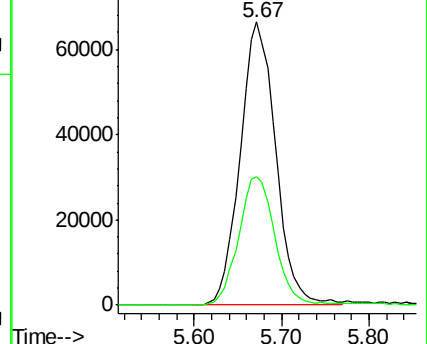
168 100

99 45.5 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 1.51 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001280.D

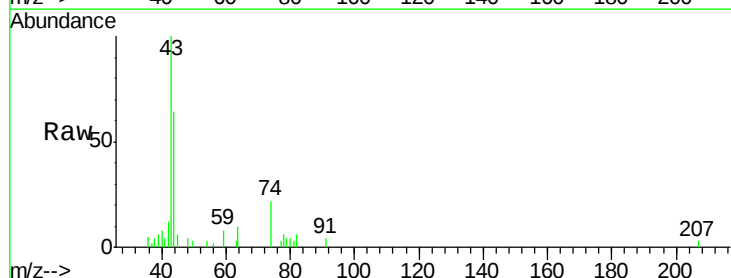
Acq: 01 May 2018 15:50

Tgt Ion: 43 Resp: 3954

Ion Ratio Lower Upper

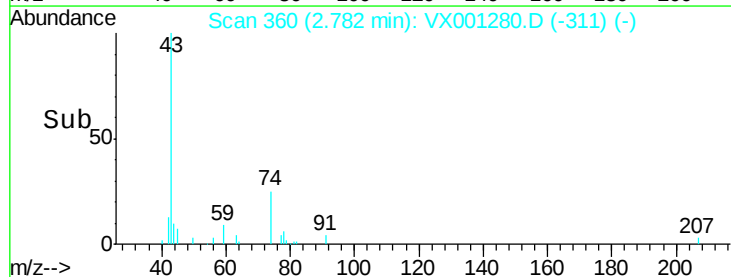
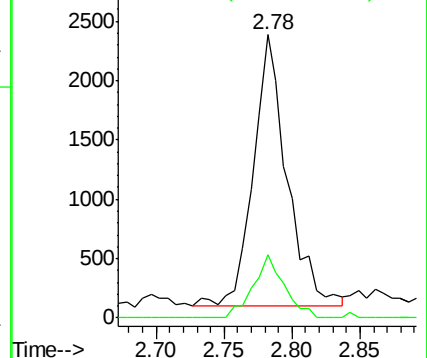
43 100

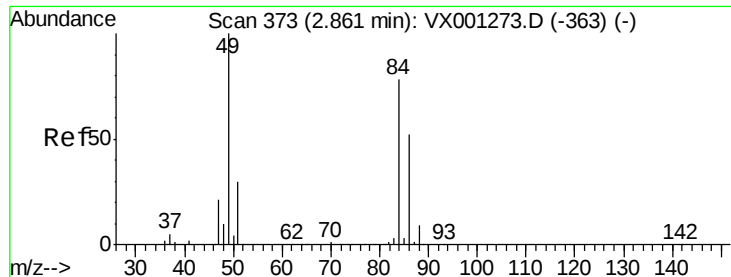
74 21.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

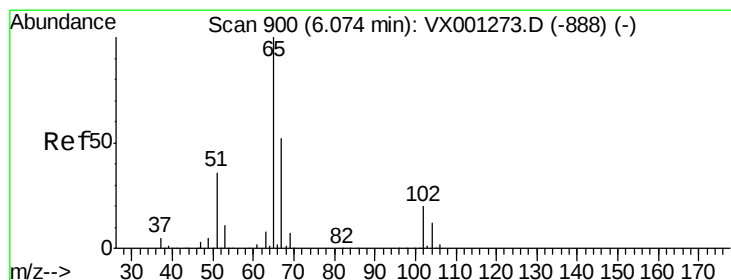
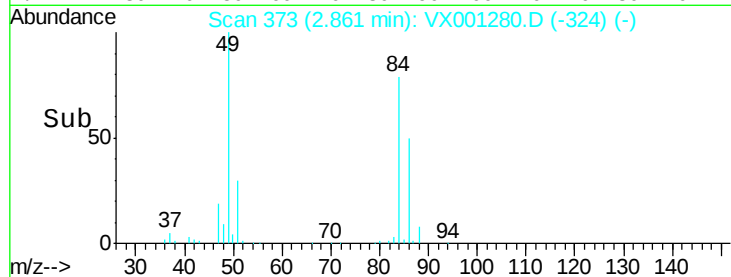
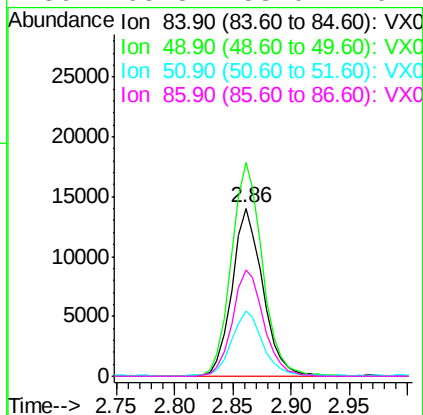
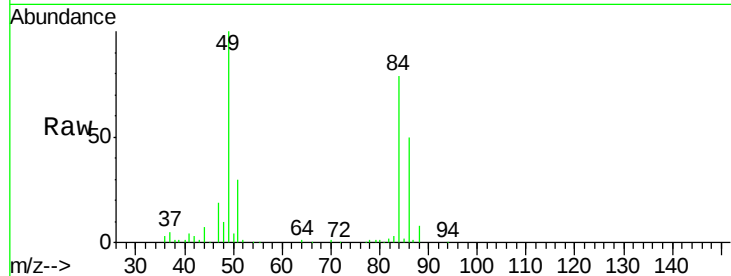




#20
Methvlene Chloride
Concen: 11.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001280.D
Acq: 01 May 2018 15:50

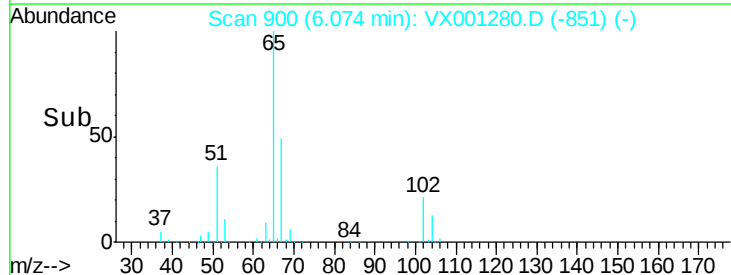
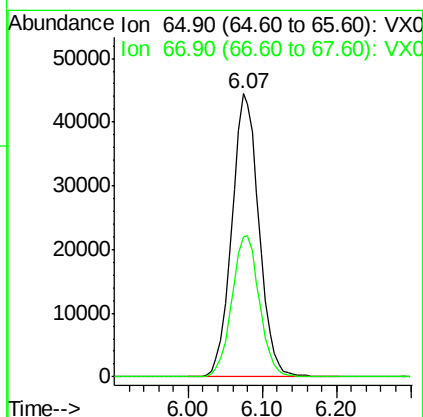
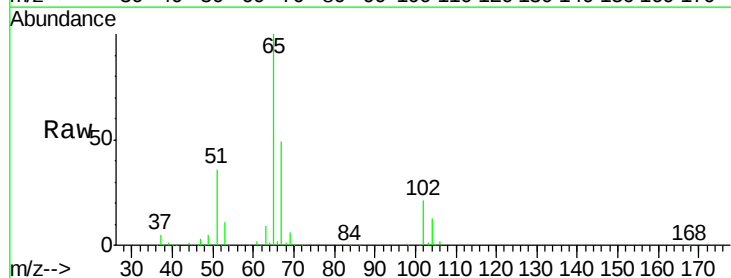
Instrument :
MSVOA_X
ClientSampled :
ROBEL-2

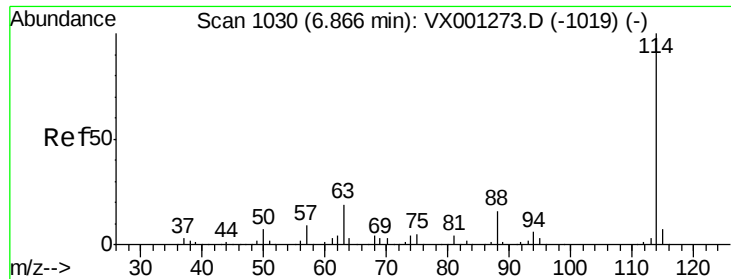
Tot Ion: 84 Resp: 25842
Ion Ratio Lower Upper
84 100
49 127.0 102.8 154.2
51 38.1 30.9 46.3
86 63.3 53.0 79.4



#33
1,2-Dichloroethane-d4
Concen: 43.57 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001280.D
Acq: 01 May 2018 15:50

Tgt Ion: 65 Resp: 113368
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.8

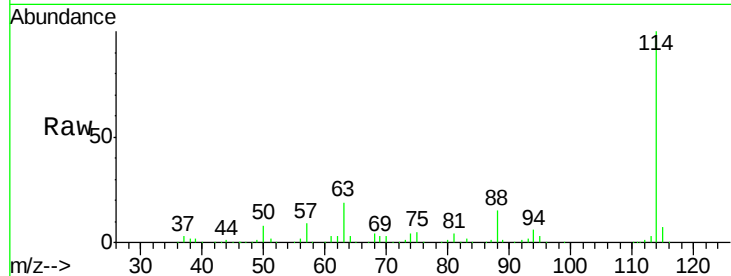




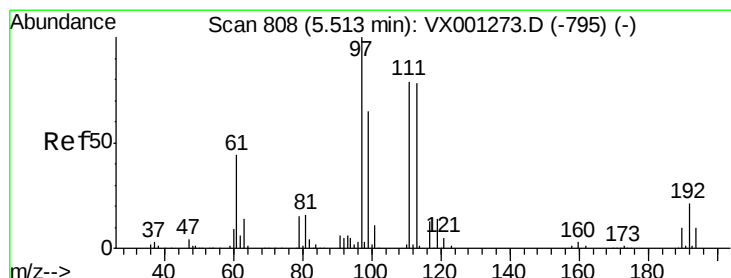
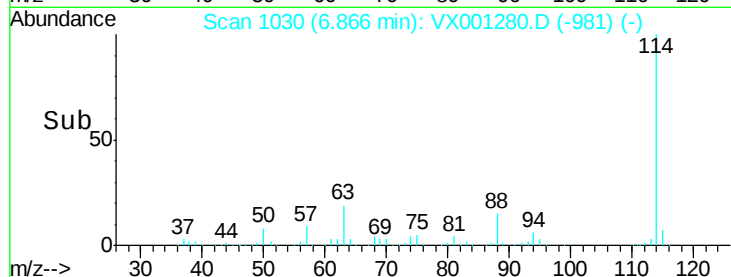
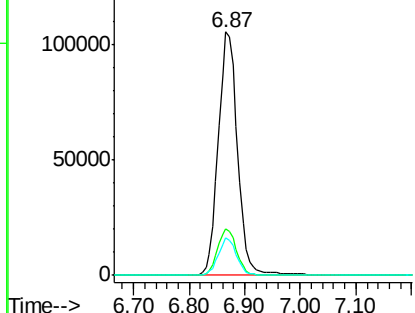
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001280.D
 Acq: 01 May 2018 15:50

Instrument :
 MSVOA_X
 ClientSampled :
 ROBEL-2

Tot Ion:114 Resp: 254272
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 15.2 0.0 32.2

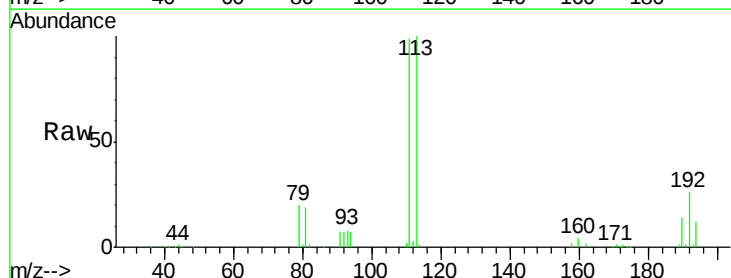


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

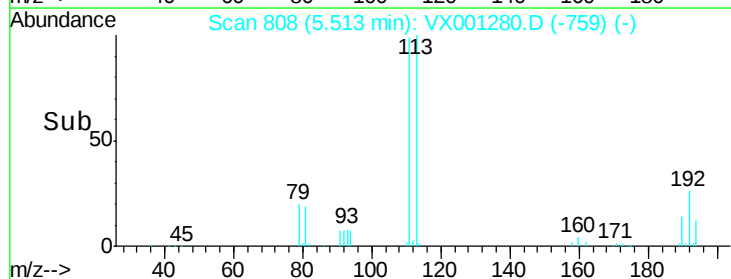
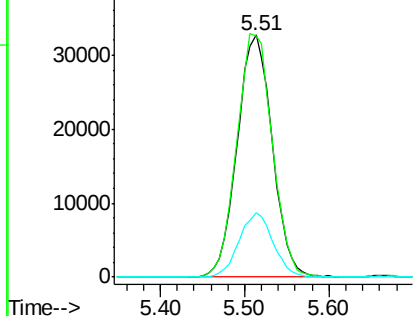


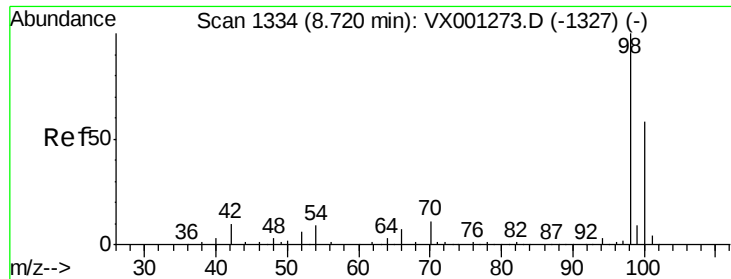
#35
 Dibromofluoromethane
 Concen: 42.12 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001280.D
 Acq: 01 May 2018 15:50

Tgt Ion:113 Resp: 92268
 Ion Ratio Lower Upper
 113 100
 111 101.7 81.2 121.8
 192 25.7 20.7 31.1



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: 44.92 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001280.D

Acq: 01 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

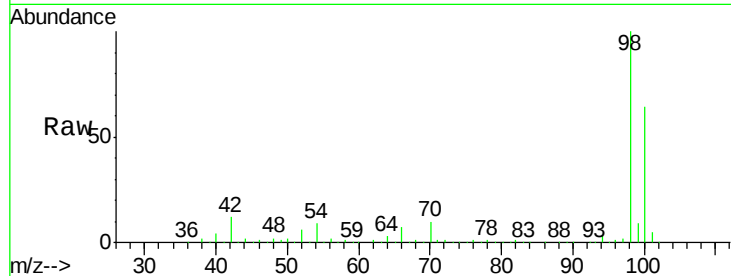
ROBEL-2

Tot Ion: 98 Resp: 351588

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

150000

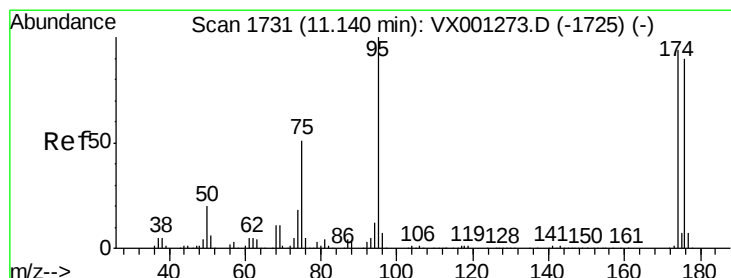
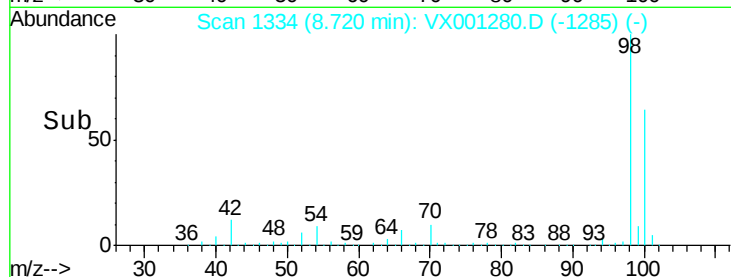
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 35.67 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001280.D

Acq: 01 May 2018 15:50

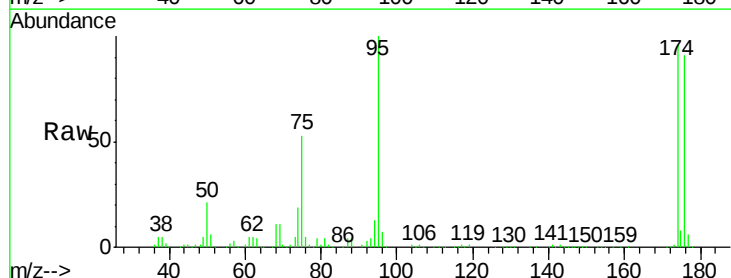
Tgt Ion: 95 Resp: 111644

Ion Ratio Lower Upper

95 100

174 102.2 0.0 201.8

176 98.3 0.0 197.2



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

11.14

120000

100000

80000

60000

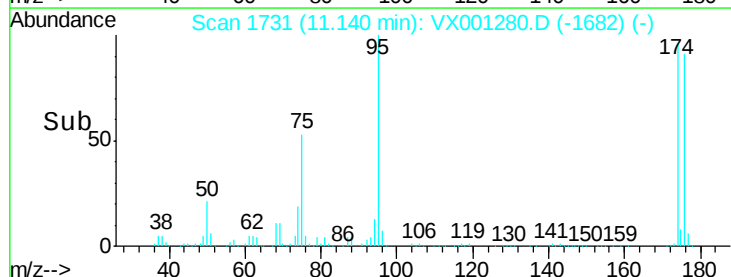
40000

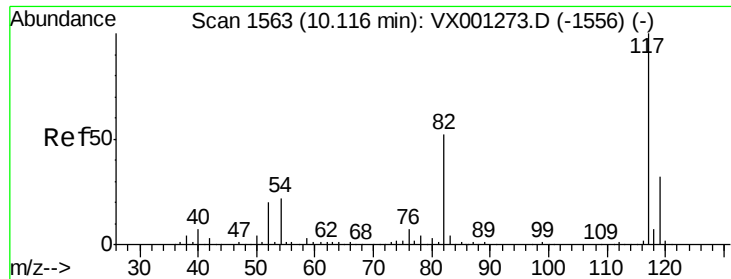
20000

0

Time-->

11.10 11.20

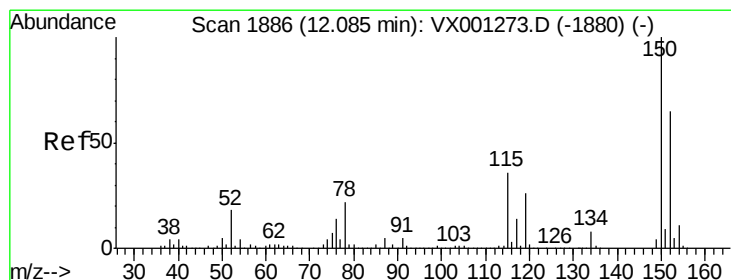
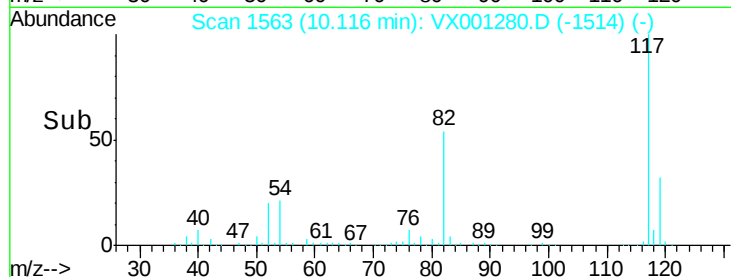
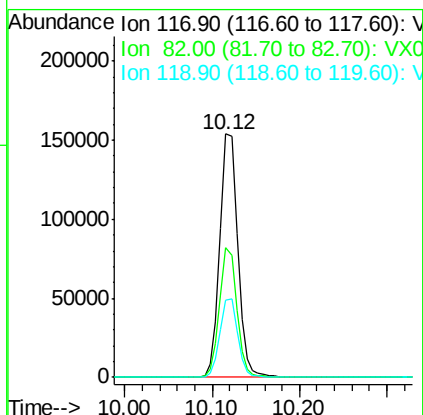
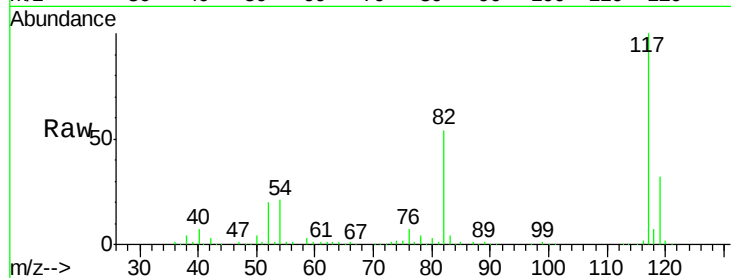




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001280.D
Acq: 01 May 2018 15:50

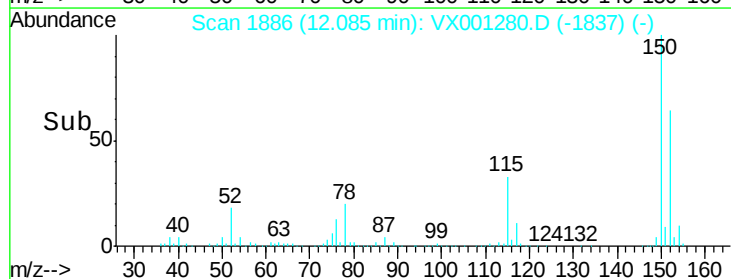
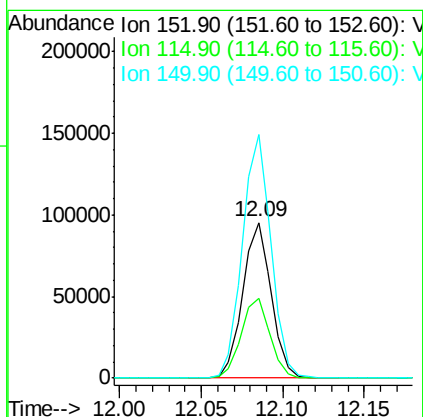
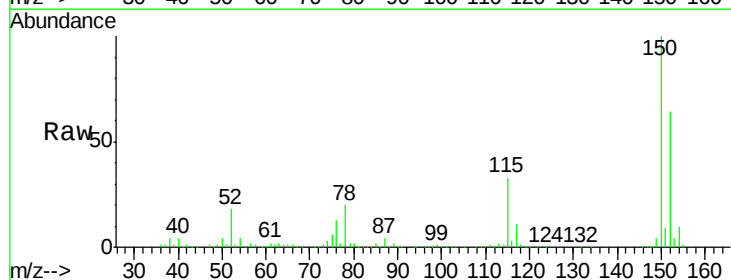
Instrument :
MSVOA_X
ClientSampled :
ROBEL-2

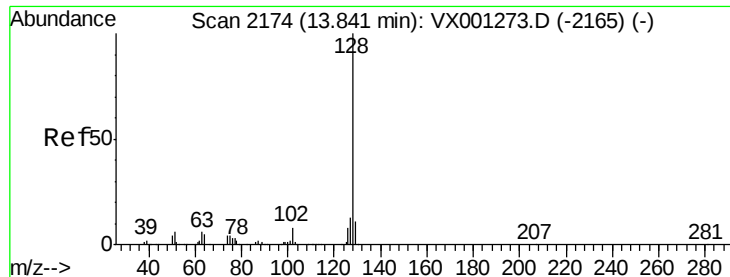
Tot Ion:117 Resp: 219029
Ion Ratio Lower Upper
117 100
82 53.5 41.4 62.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001280.D
Acq: 01 May 2018 15:50

Tgt Ion:152 Resp: 116037
Ion Ratio Lower Upper
152 100
115 52.1 38.6 115.7
150 157.7 0.0 349.2





#95

Naphthalene

Concen: 7.52 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001280.D

Acq: 01 May 2018 15:50

Instrument :

MSVOA_X

ClientSampleId :

ROBEL-2

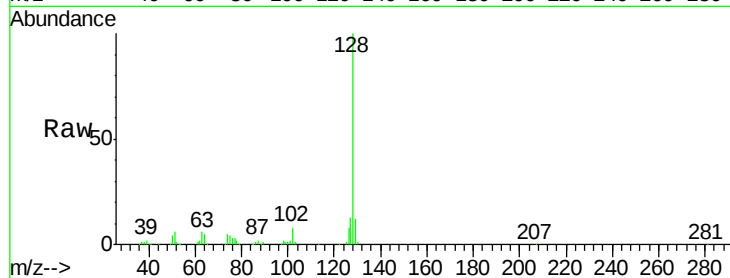
Tot Ion:128 Resp: 63832

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.4 8.7 13.1



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

