

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001366.D
 Acq On : 03 May 2018 18:23
 Operator : JC/MD
 Sample : J2711-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4215

Quant Time: May 04 08:04:41 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

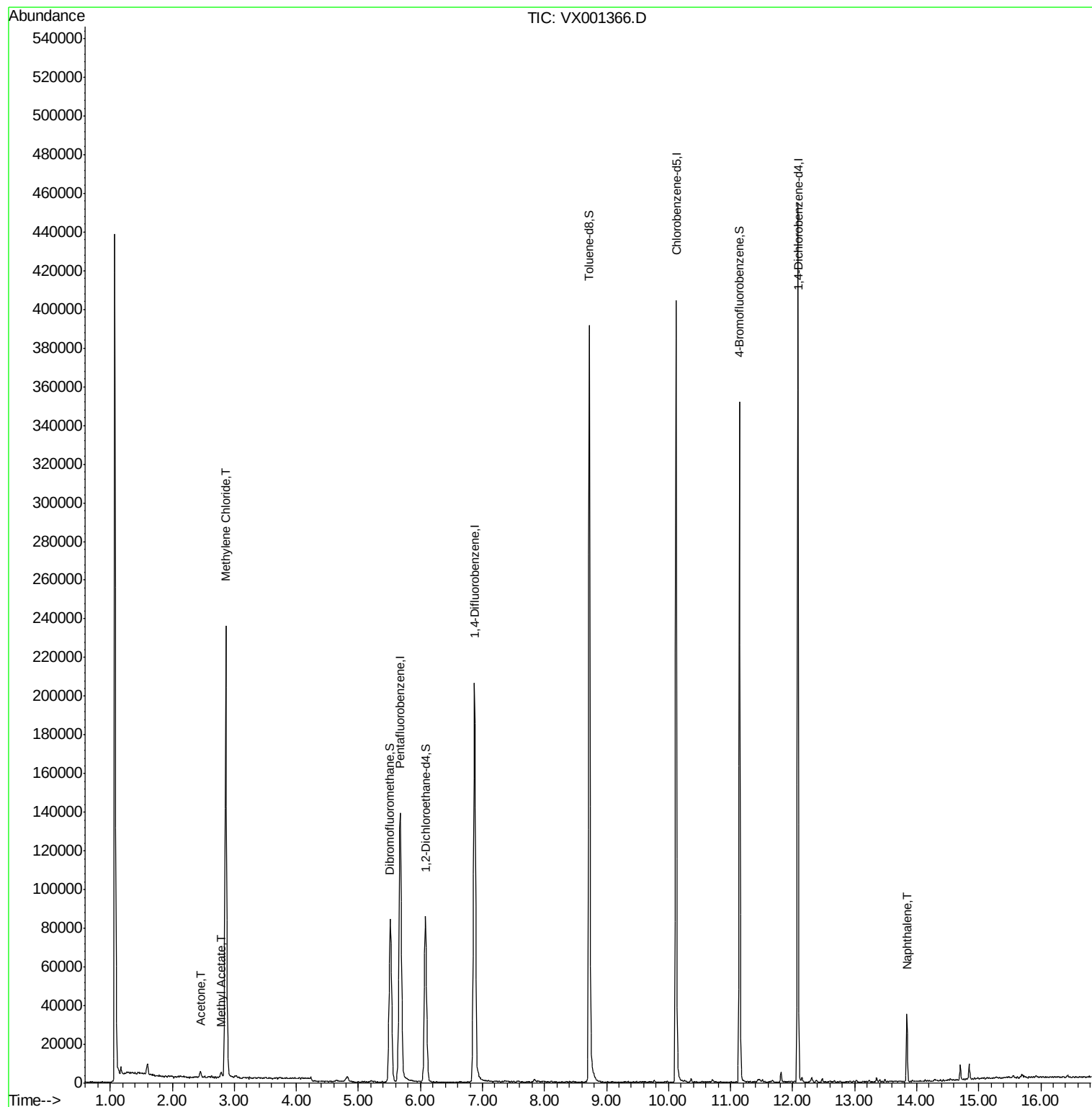
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	149202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	211631	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	193254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	95396	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80744	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	
35) Dibromofluoromethane	5.51	113	67541	37.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.08%	
50) Toluene-d8	8.72	98	249089	38.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.48%	
62) 4-Bromofluorobenzene	11.15	95	80595	30.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.88%	
Target Compounds						
16) Acetone	2.45	43	3745	4.25	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	3424	1.64	ug/l	98
20) Methylene Chloride	2.86	84	104580	66.26	ug/l	98
95) Naphthalene	13.84	128	20844	2.99	ug/l	99

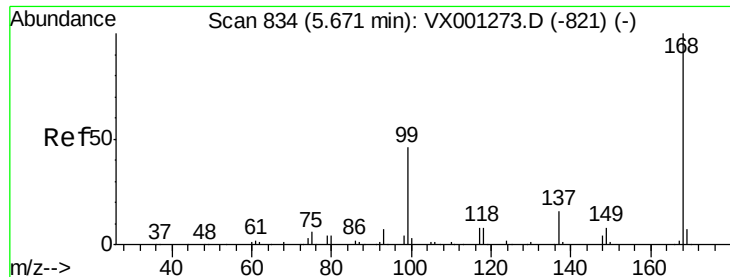
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001366.D

Acq: 03 May 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

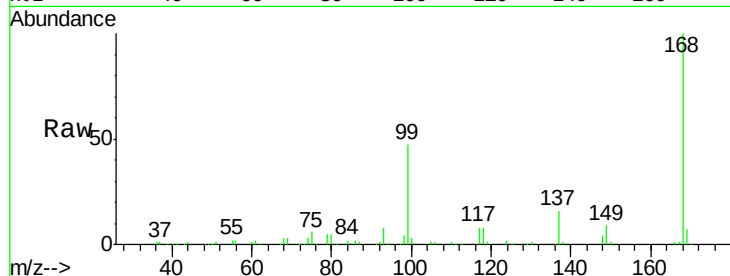
4215

Tot Ion:168 Resp: 149202

Ion Ratio Lower Upper

168 100

99 47.4 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

30000

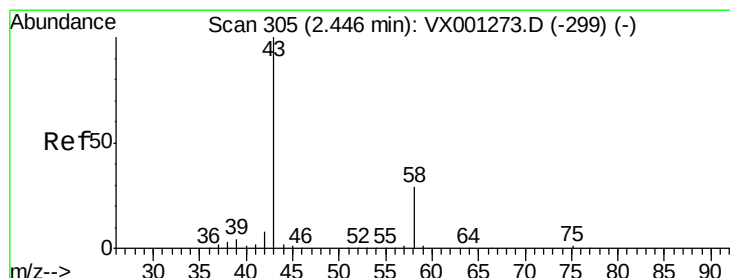
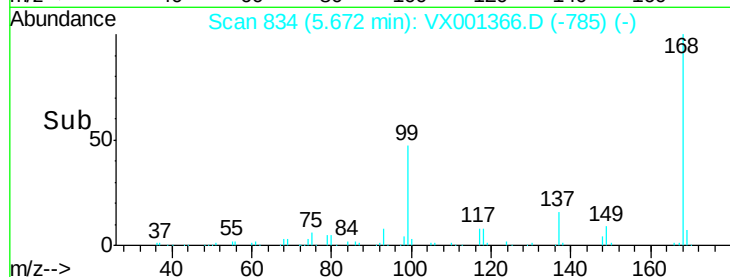
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 4.25 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001366.D

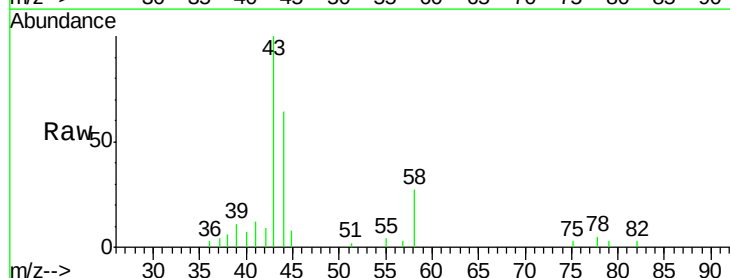
Acq: 03 May 2018 18:23

Tgt Ion: 43 Resp: 3745

Ion Ratio Lower Upper

43 100

58 28.4 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2500

2000

1500

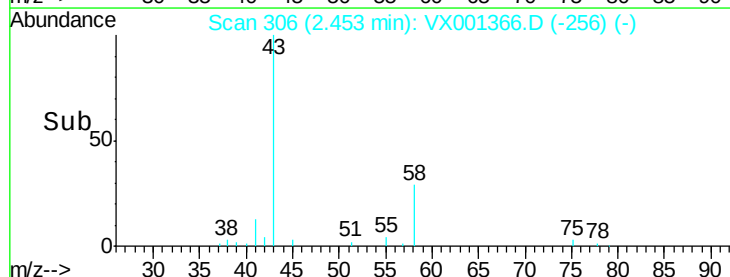
1000

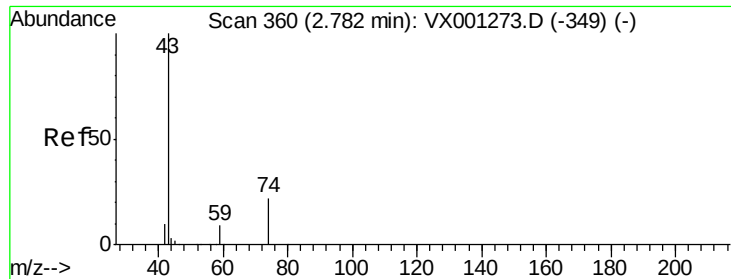
500

0

Time-->

2.40 2.45 2.50

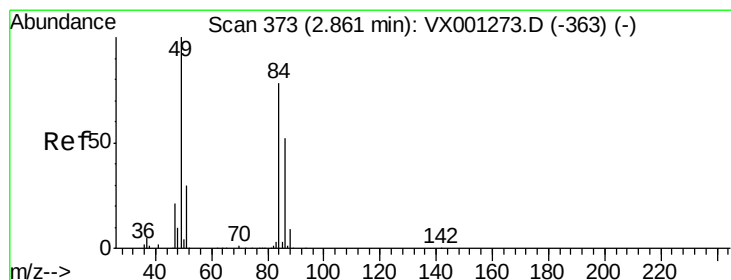
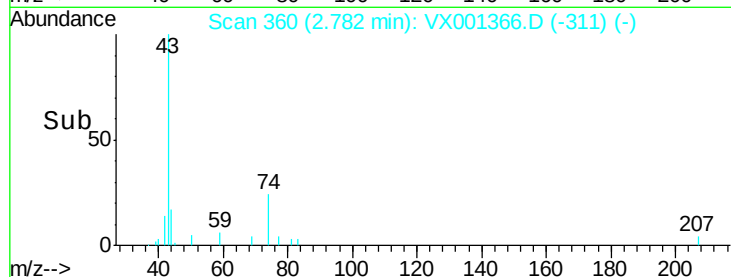
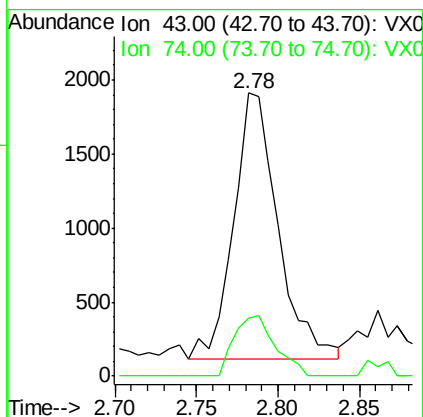
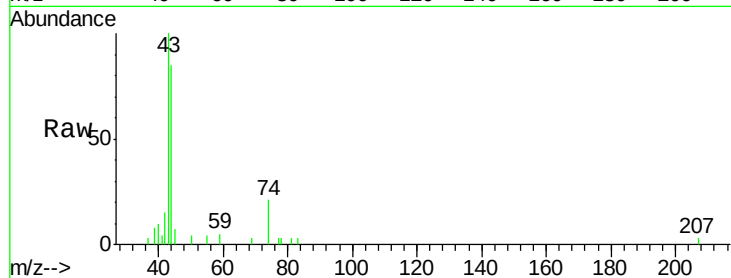




#18
Methvl Acetate
Concen: 1.64 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001366.D
Acq: 03 May 2018 18:23

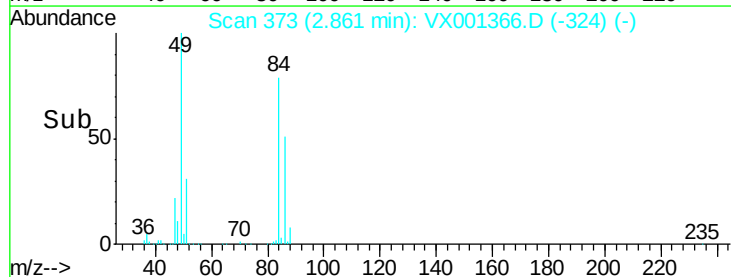
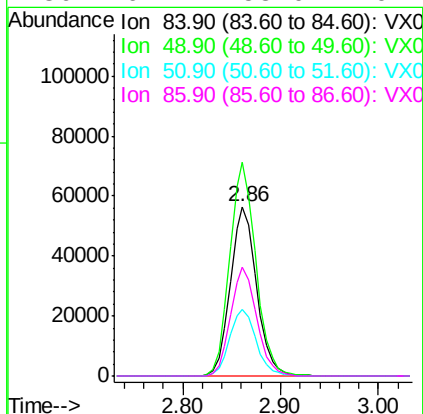
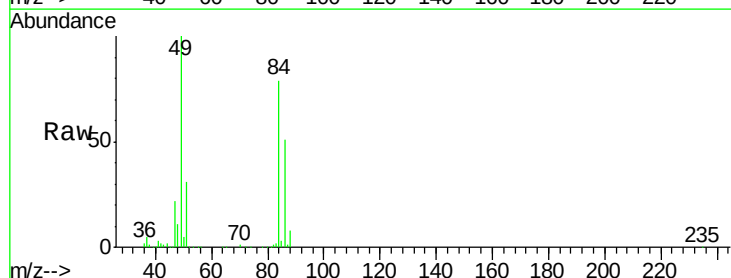
Instrument :
MSVOA_X
ClientSampleId :
4215

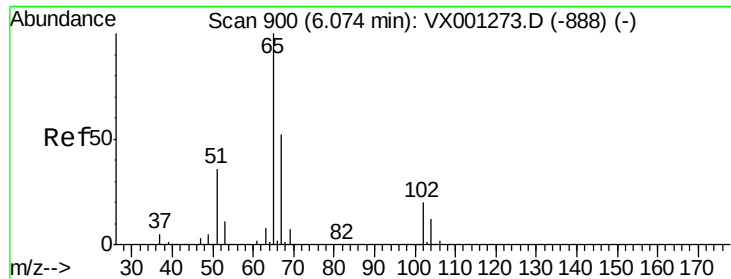
Tot Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.6



#20
Methylene Chloride
Concen: 66.26 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001366.D
Acq: 03 May 2018 18:23

Tgt Ion: 84 Resp: 104580
Ion Ratio Lower Upper
84 100
49 126.4 102.8 154.2
51 39.1 30.9 46.3
86 64.2 53.0 79.4

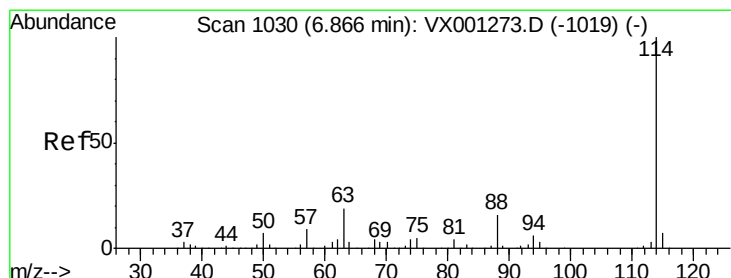
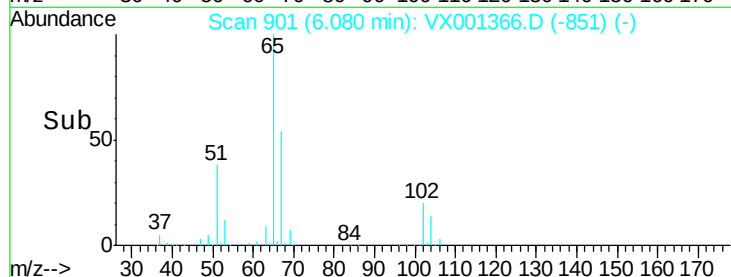
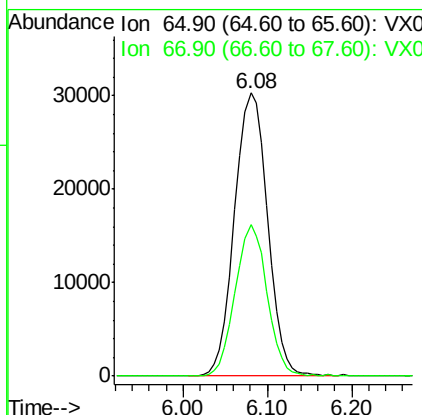
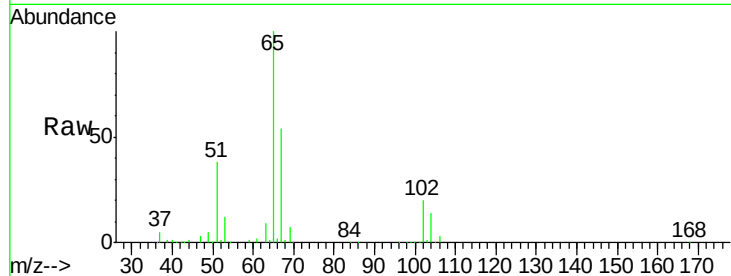




#33
 1,2-Dichloroethane-d4
 Concen: 39.09 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001366.D
 Acq: 03 May 2018 18:23

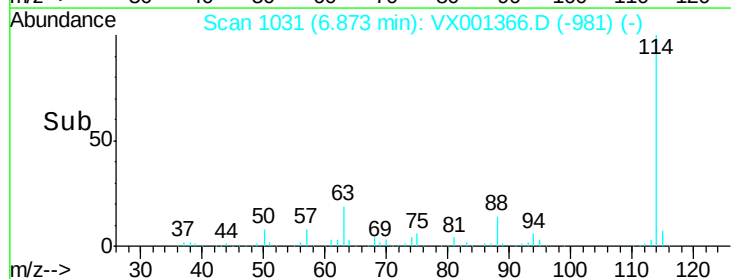
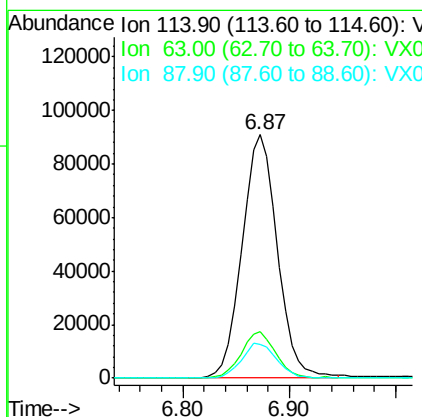
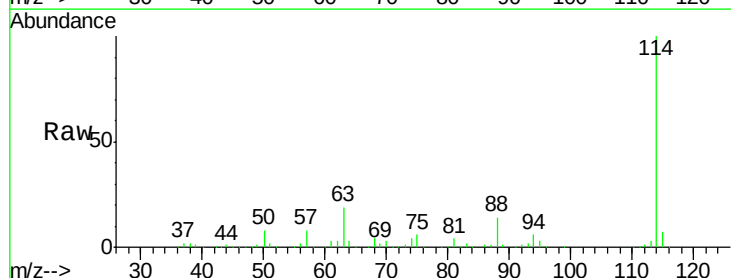
Instrument :
 MSVOA_X
 ClientSampleId :
 4215

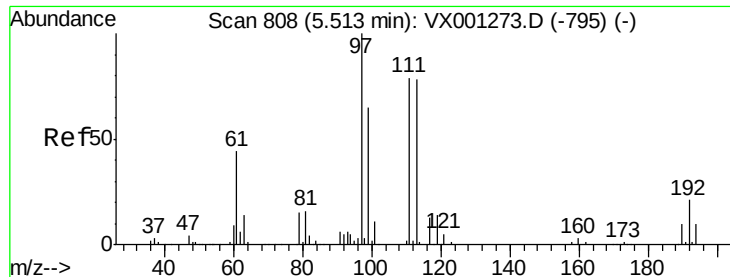
Tot Ion: 65 Resp: 80744
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001366.D
 Acq: 03 May 2018 18:23

Tgt Ion: 114 Resp: 211631
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.8
 88 14.0 0.0 32.2





#35

Dibromofluoromethane

Concen: 37.04 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001366.D

Acq: 03 May 2018 18:23

Instrument :

MSVOA_X

ClientSampled :

4215

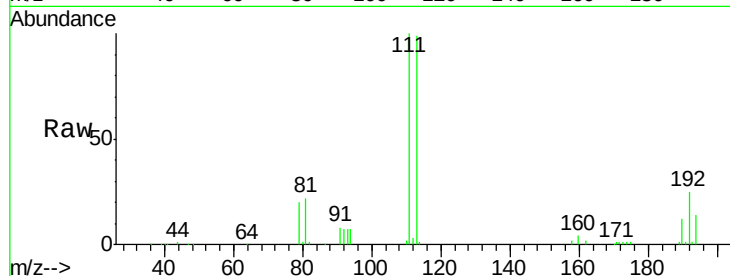
Tot Ion:113 Resp: 67541

Ion Ratio Lower Upper

113 100

111 101.2 81.2 121.8

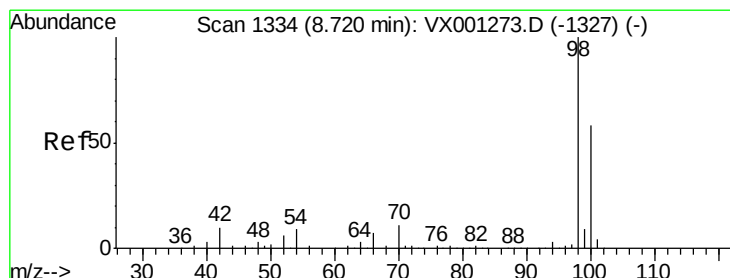
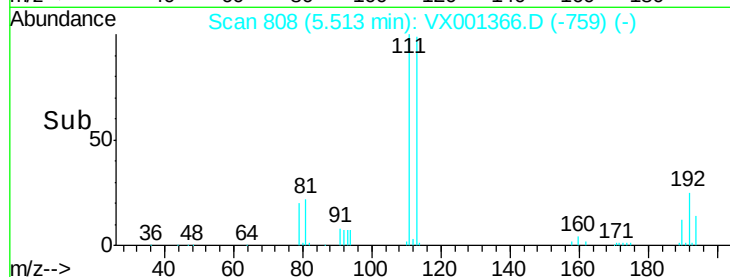
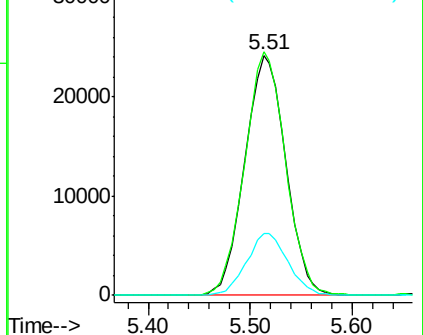
192 25.9 20.7 31.1



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: 38.24 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001366.D

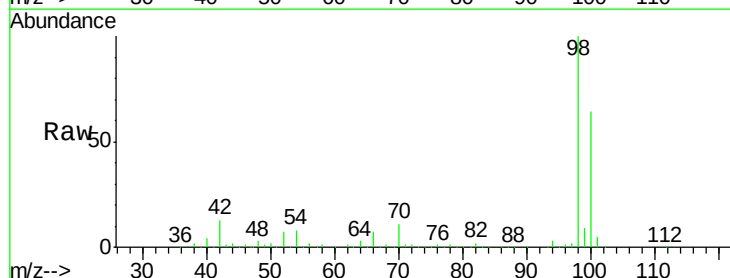
Acq: 03 May 2018 18:23

Tgt Ion: 98 Resp: 249089

Ion Ratio Lower Upper

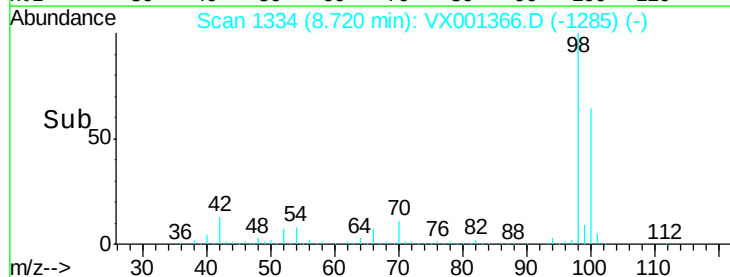
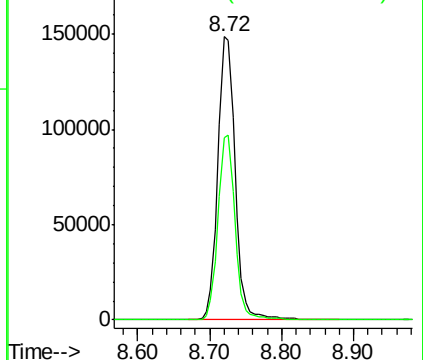
98 100

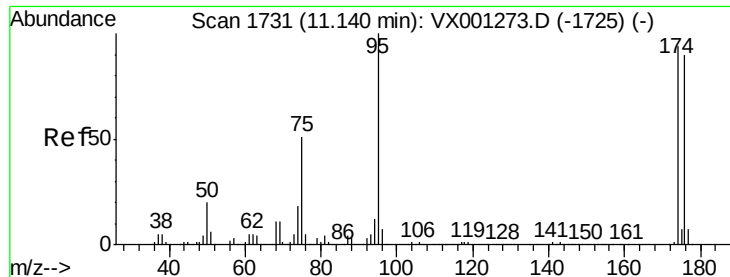
100 64.4 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

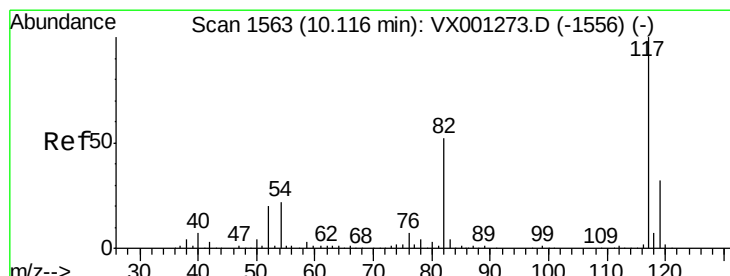
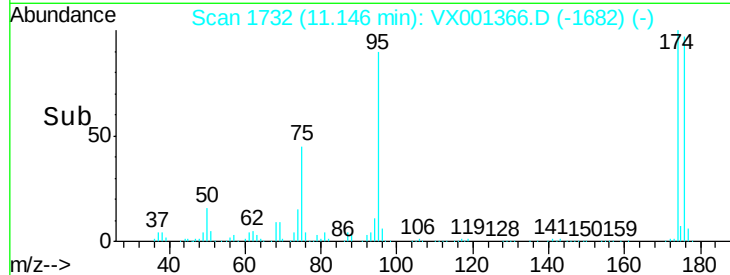
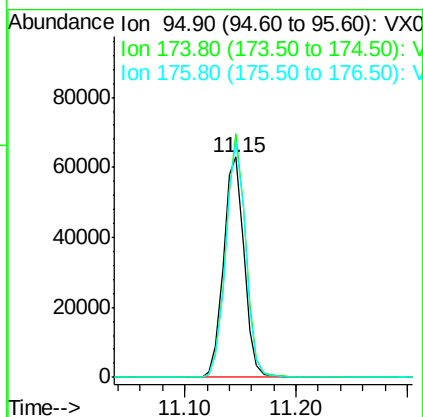
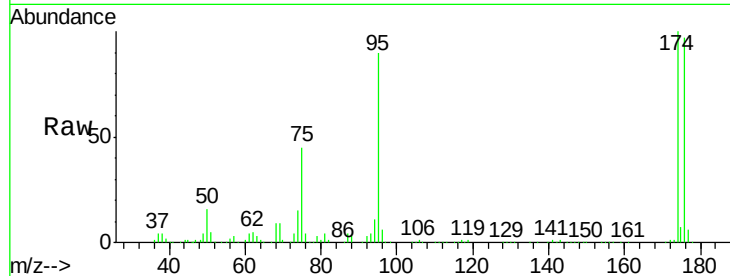




#62
4-Bromofluorobenzene
Concen: 30.94 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001366.D
Acq: 03 May 2018 18:23

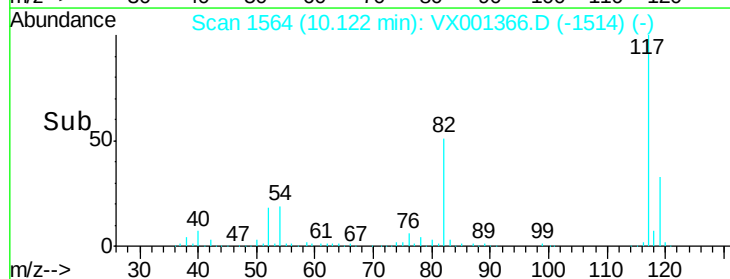
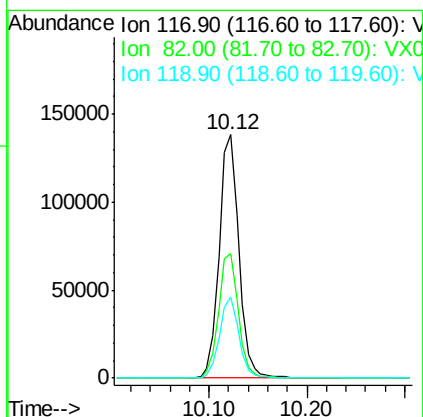
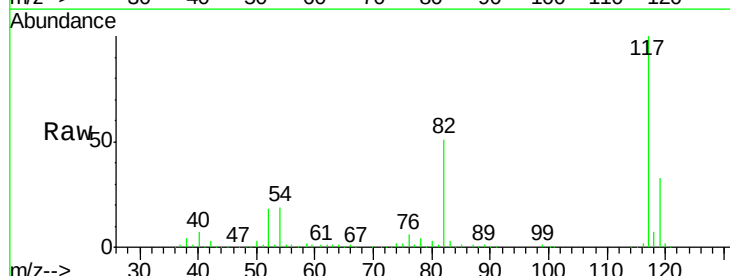
Instrument :
MSVOA_X
ClientSampleId :
4215

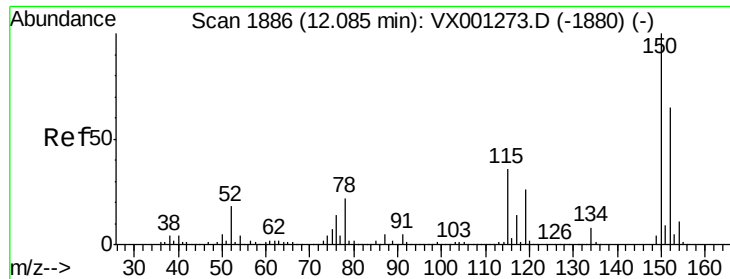
Tot Ion: 95 Resp: 80595
Ion Ratio Lower Upper
95 100
174 106.5 0.0 201.8
176 103.8 0.0 197.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.01 min
Lab File: VX001366.D
Acq: 03 May 2018 18:23

Tgt Ion: 117 Resp: 193254
Ion Ratio Lower Upper
117 100
82 51.1 41.4 62.0
119 33.1 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: VX001366.D

Acq: 03 May 2018 18:23

Instrument :

MSVOA_X

ClientSampleId :

4215

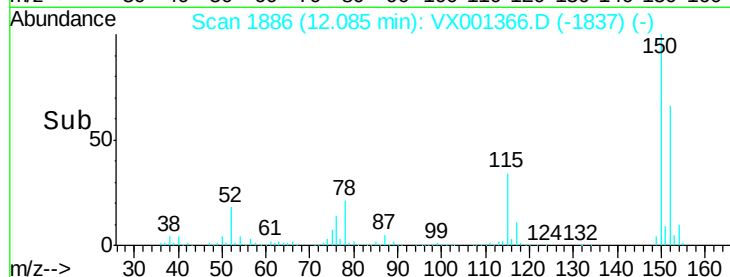
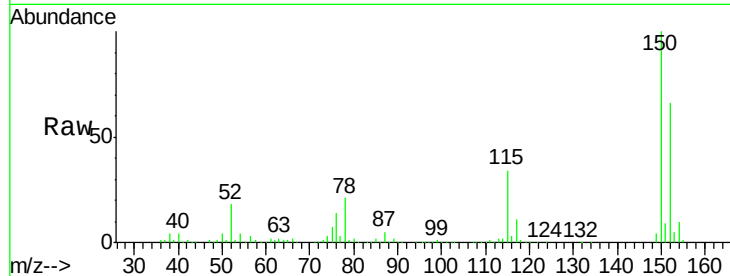
Tot Ion:152 Resp: 95396

Ion Ratio Lower Upper

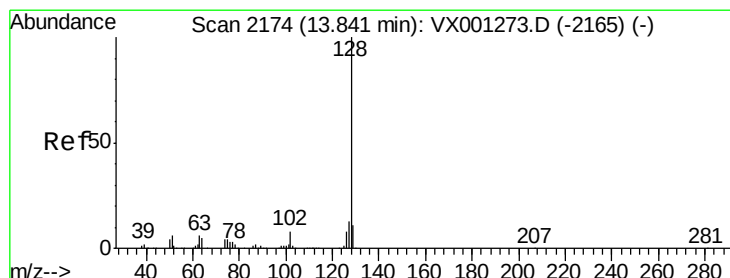
152 100

115 52.7 38.6 115.7

150 154.7 0.0 349.2



Time-->



#95

Naphthalene

Concen: 2.99 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001366.D

Acq: 03 May 2018 18:23

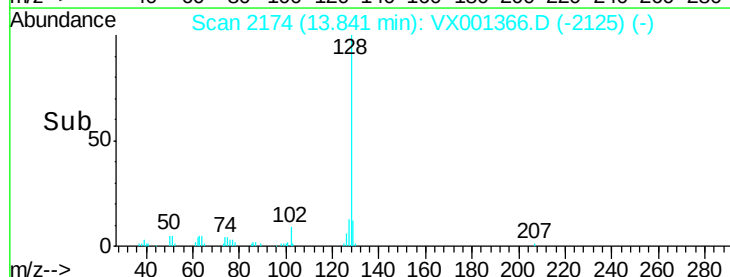
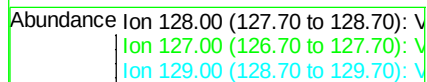
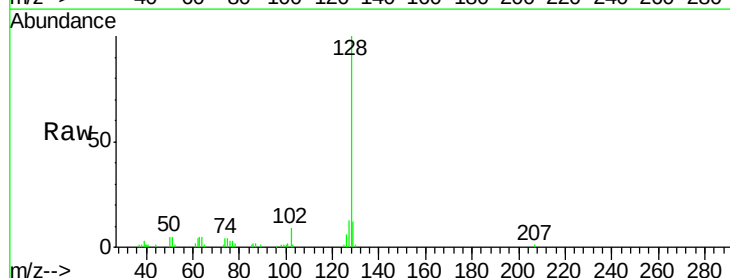
Tgt Ion:128 Resp: 20844

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 11.9 8.7 13.1



Time-->