

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004182.D
 Acq On : 21 Aug 2018 18:03
 Operator : JC/MD
 Sample : J4275-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-082018-C

Quant Time: Aug 22 01:51:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	293271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	474239	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	450362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	234972	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	210714	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
35) Dibromofluoromethane	5.50	113	181065	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
50) Toluene-d8	8.71	98	675751	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
62) 4-Bromofluorobenzene	11.14	95	230079	44.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.16%	

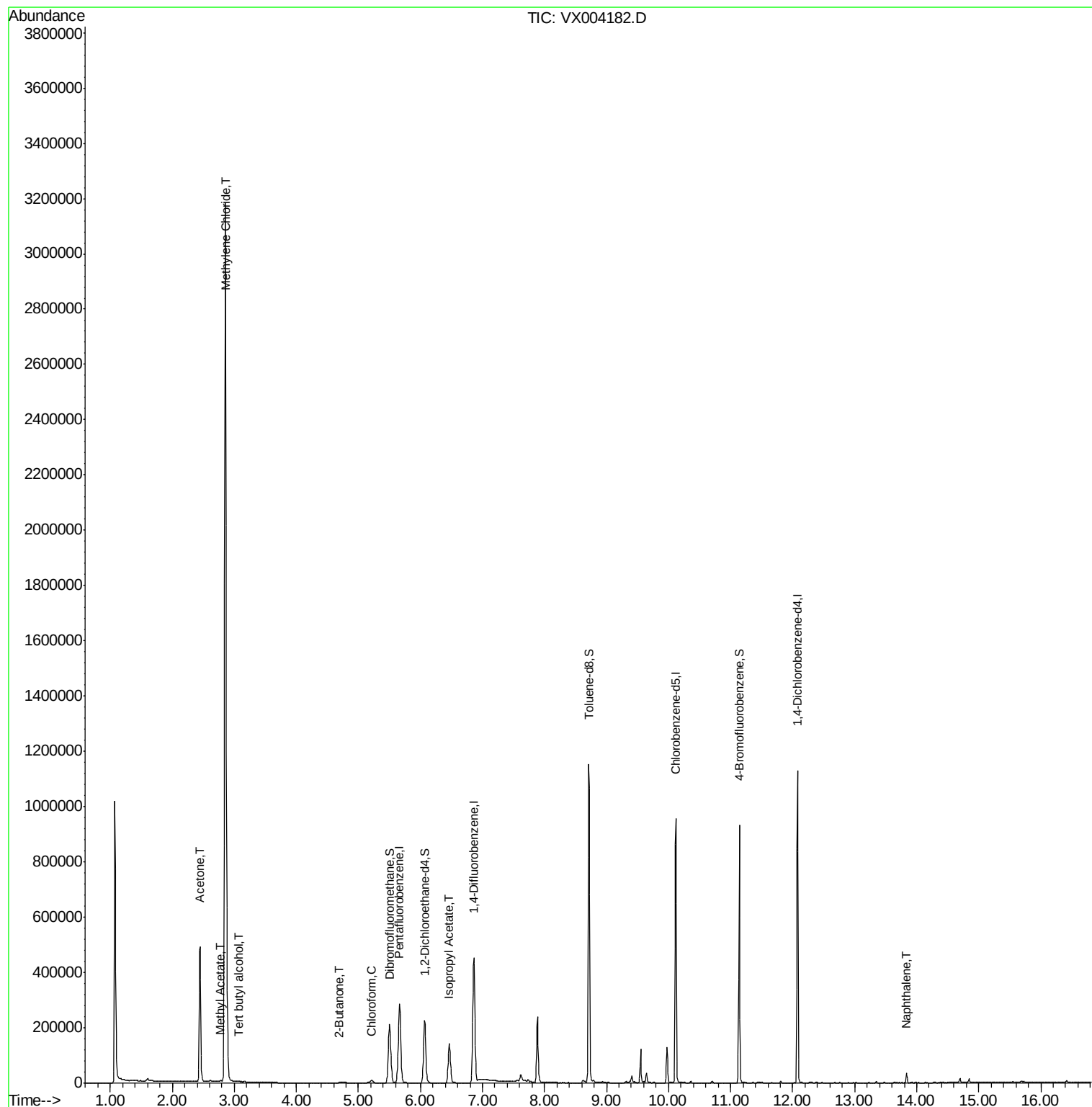
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	2677	3.22	ug/l	99
16) Acetone	2.45	43	523047	243.47	ug/l	100
18) Methyl Acetate	2.78	43	8214	1.72	ug/l	97
20) Methylene Chloride	2.86	84	1500213	431.88	ug/l	96
25) 2-Butanone	4.70	43	5047	1.44	ug/l	96
30) Chloroform	5.21	83	10272	1.62	ug/l	97
43) Isopropyl Acetate	6.46	43	186208	21.50	ug/l	99
95) Naphthalene	13.83	128	21693	2.43	ug/l	97

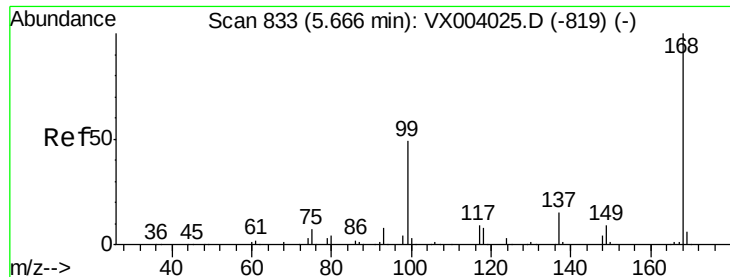
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004182.D

Acq: 21 Aug 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

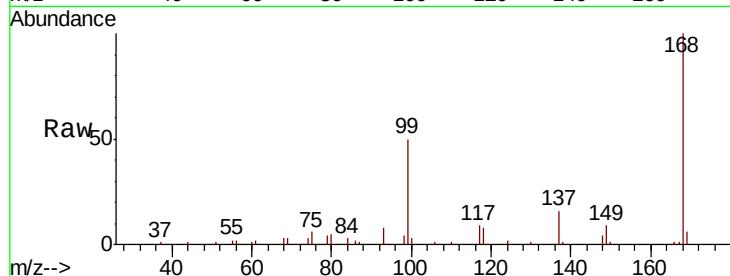
CL-01-082018-C

Tot Ion:168 Resp: 293271

Ion Ratio Lower Upper

168 100

99 50.3 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

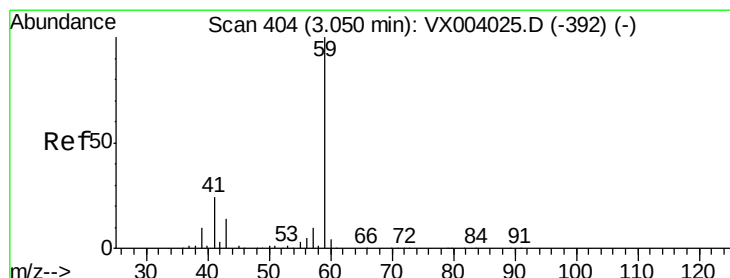
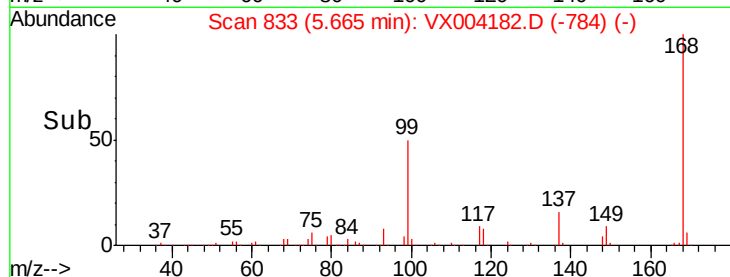
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 3.22 ug/l

RT: 3.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VX004182.D

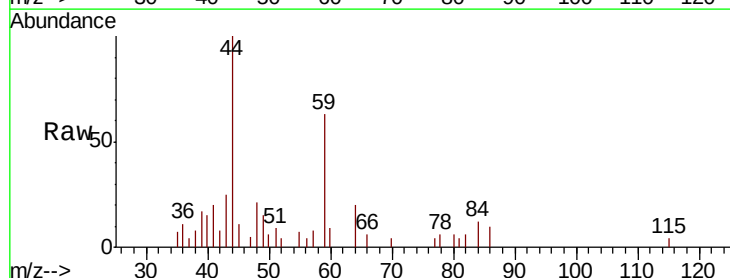
Acq: 21 Aug 2018 18:03

Tgt Ion: 59 Resp: 2677

Ion Ratio Lower Upper

59 100

57 10.4 8.1 12.1



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

1200

1000

800

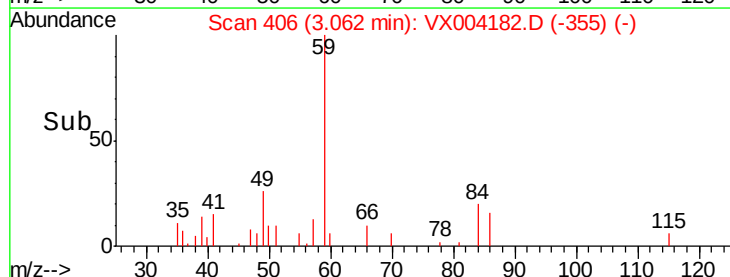
600

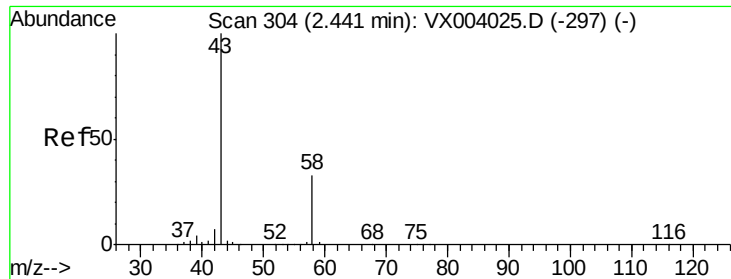
400

200

0

Time-->





#16

Acetone

Concen: 243.47 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004182.D

Acq: 21 Aug 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

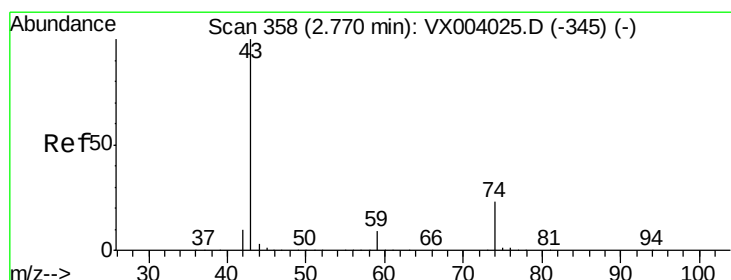
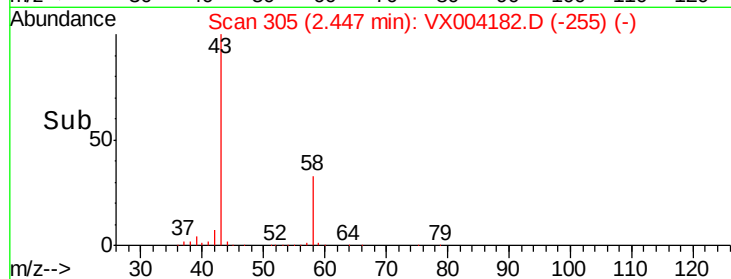
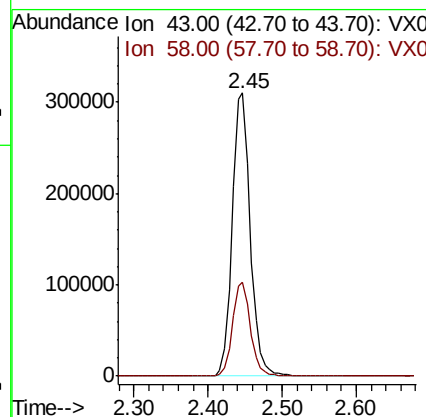
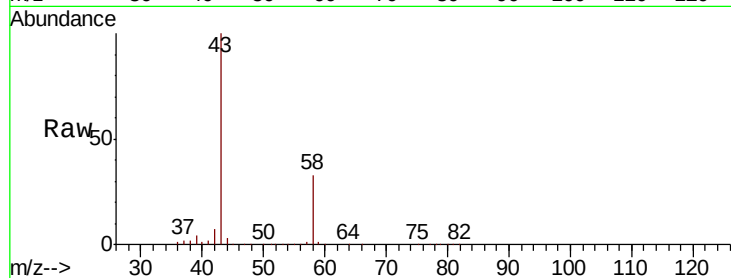
CL-01-082018-C

Tot Ion: 43 Resp: 523047

Ion Ratio Lower Upper

43 100

58 33.0 26.4 39.6



#18

Methyl Acetate

Concen: 1.72 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.01 min

Lab File: VX004182.D

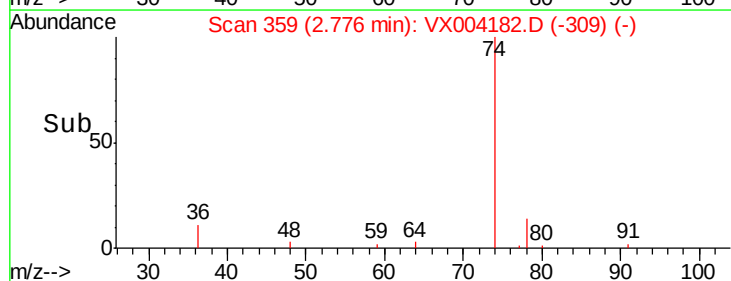
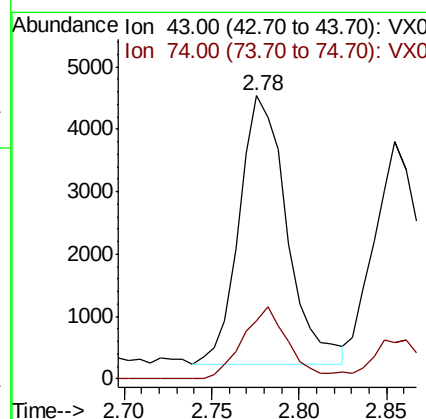
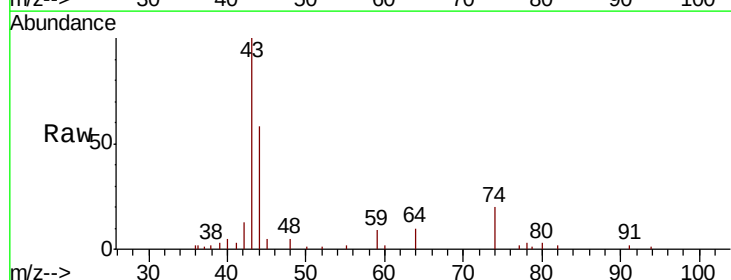
Acq: 21 Aug 2018 18:03

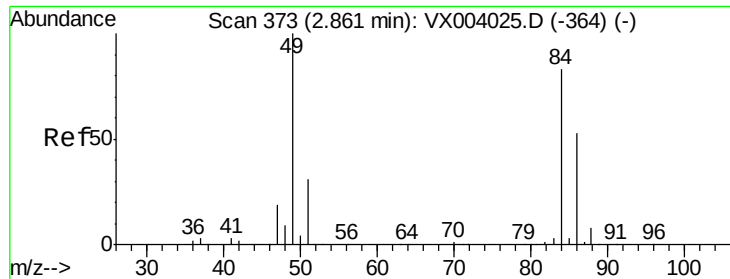
Tgt Ion: 43 Resp: 8214

Ion Ratio Lower Upper

43 100

74 25.2 18.9 28.3



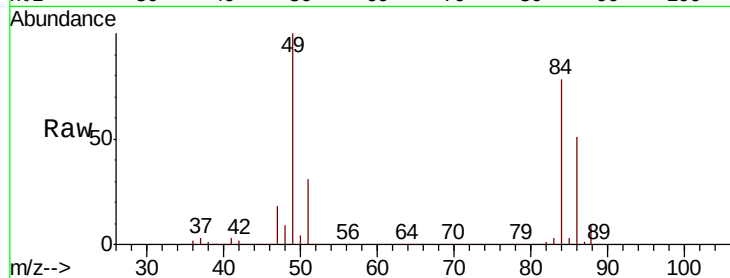


#20
Methvlene Chloride
Concen: 431.88 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004182.D
Acq: 21 Aug 2018 18:03

Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-C

Tot Ion: 84 Resp: 1500213

Ion	Ratio	Lower	Upper
84	100		
49	129.0	98.9	148.3
51	40.1	29.9	44.9
86	66.4	51.0	76.6



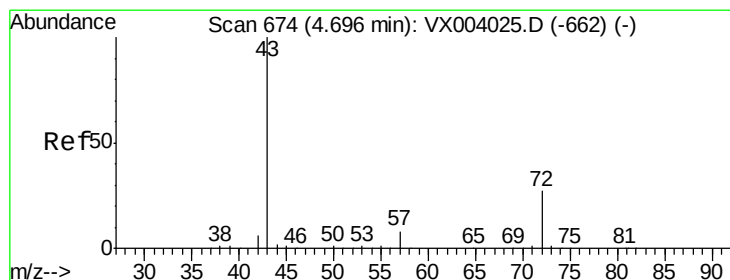
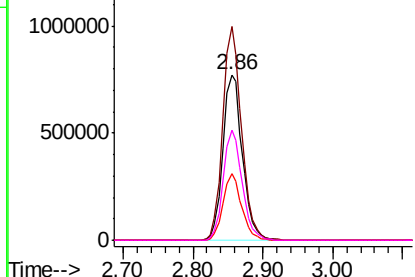
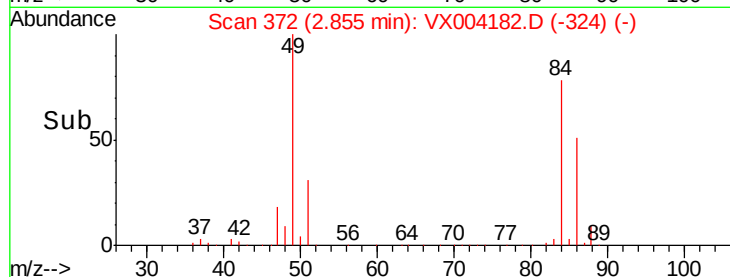
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

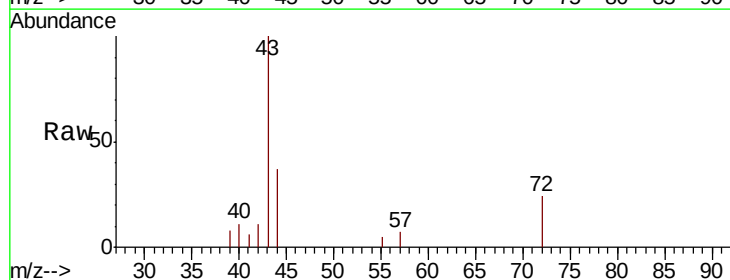
Ion 85.90 (85.60 to 86.60): VX0



#25
2-Butanone
Concen: 1.44 ug/l
RT: 4.70 min Scan# 674
Delta R.T. -0.00 min
Lab File: VX004182.D
Acq: 21 Aug 2018 18:03

Tgt Ion: 43 Resp: 5047

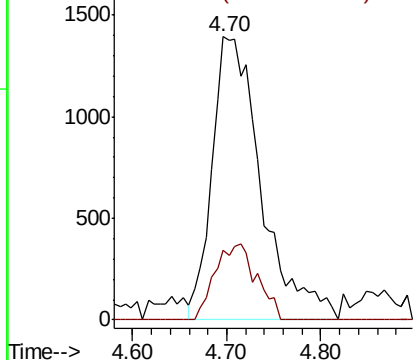
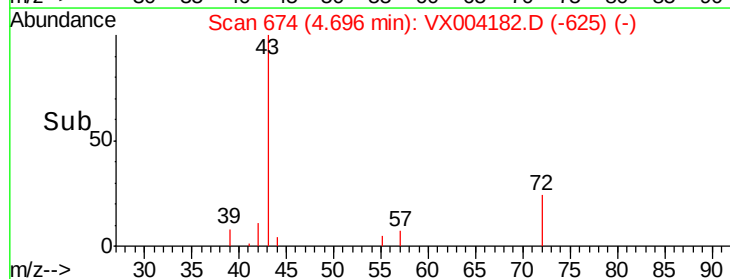
Ion	Ratio	Lower	Upper
43	100		
72	24.5	21.4	32.0

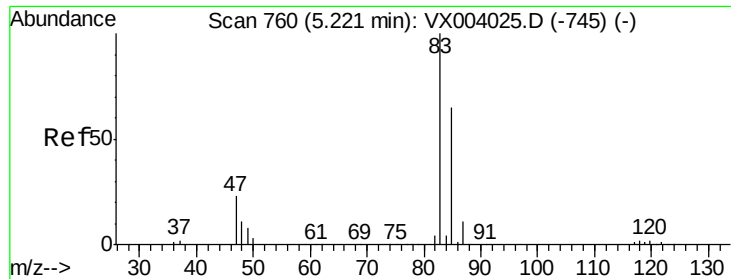


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

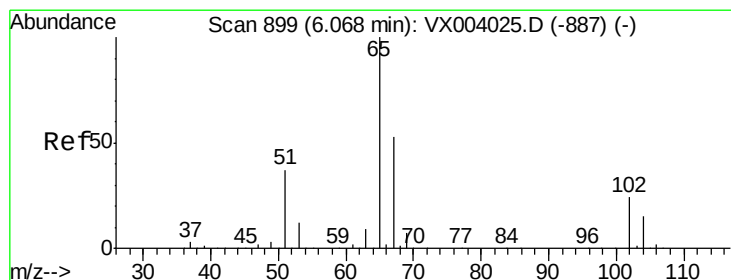
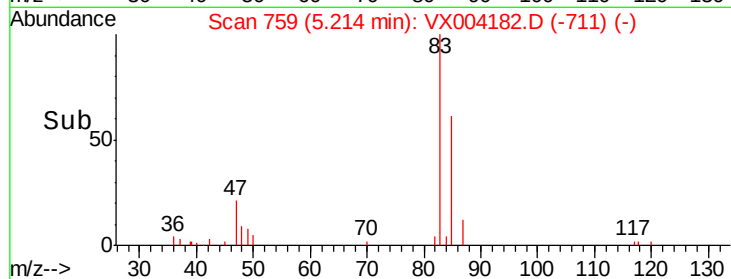
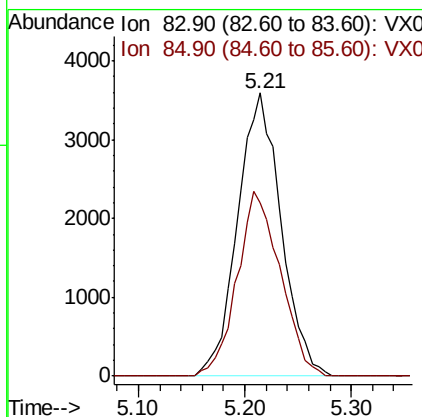
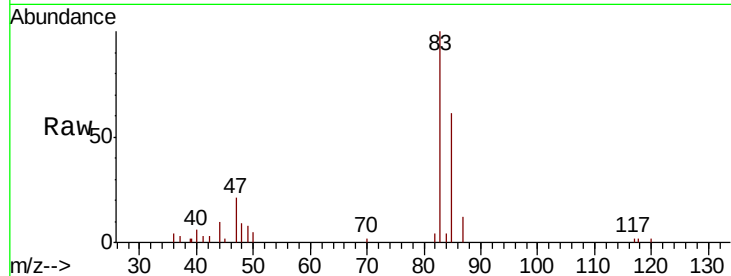




#30
Chloroform
Concen: 1.62 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004182.D
Acq: 21 Aug 2018 18:03

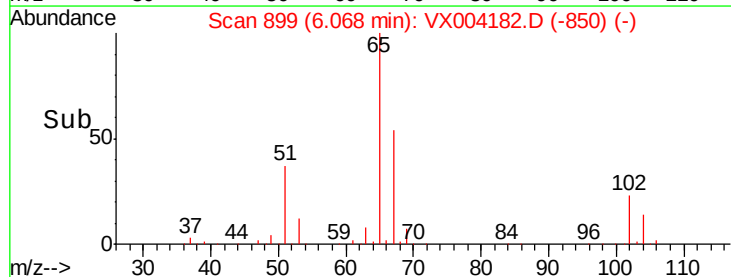
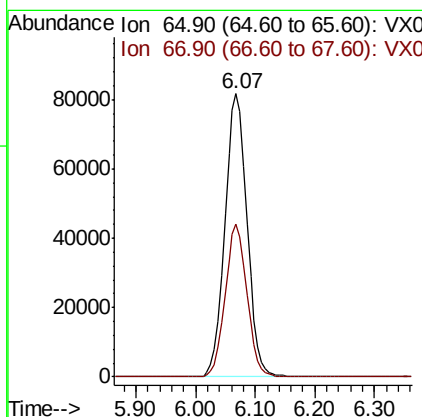
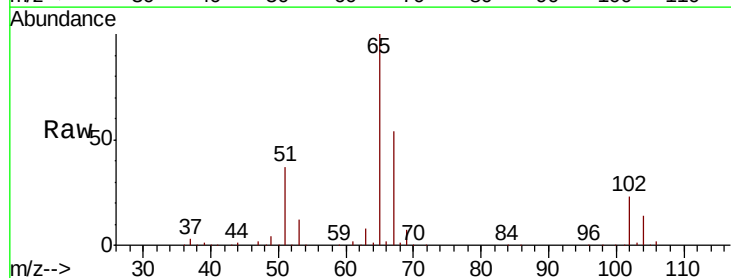
Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-C

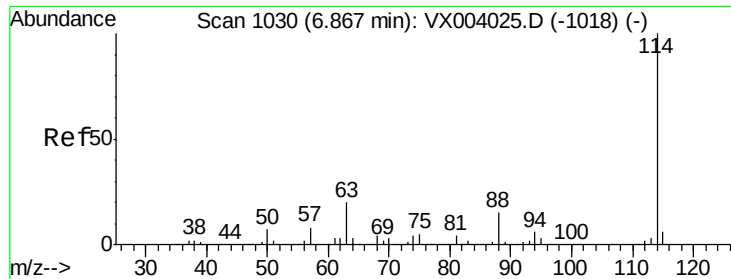
Tot Ion: 83 Resp: 10272
Ion Ratio Lower Upper
83 100
85 61.4 50.7 76.1



#33
1,2-Dichloroethane-d4
Concen: 51.00 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004182.D
Acq: 21 Aug 2018 18:03

Tgt Ion: 65 Resp: 210714
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.8

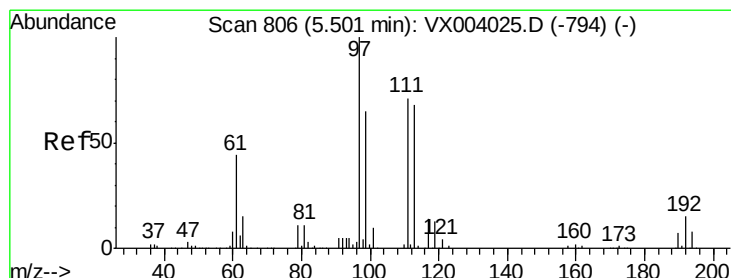
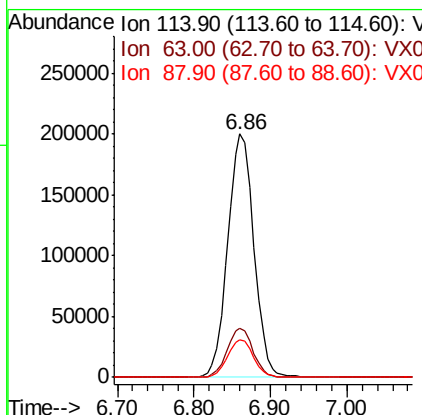
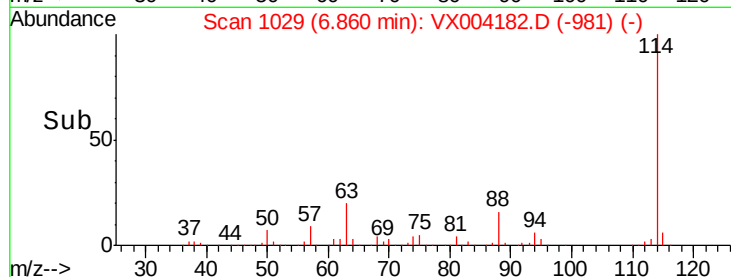
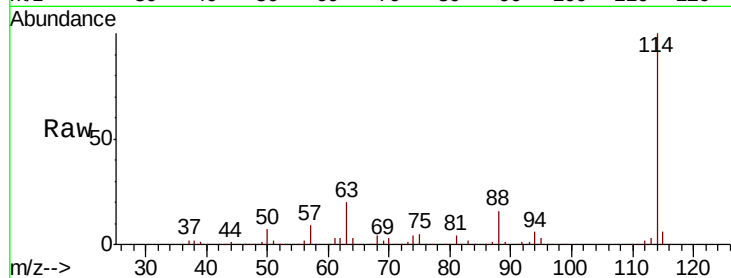




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004182.D
 Acq: 21 Aug 2018 18:03

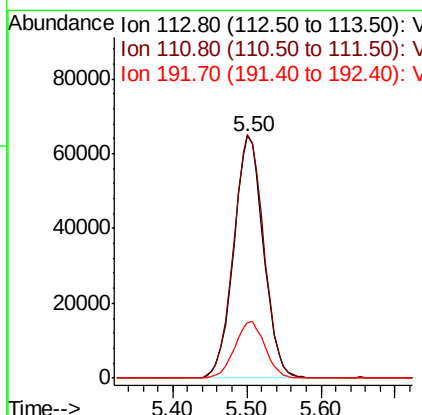
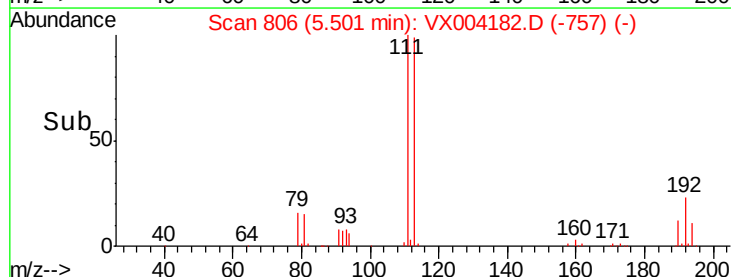
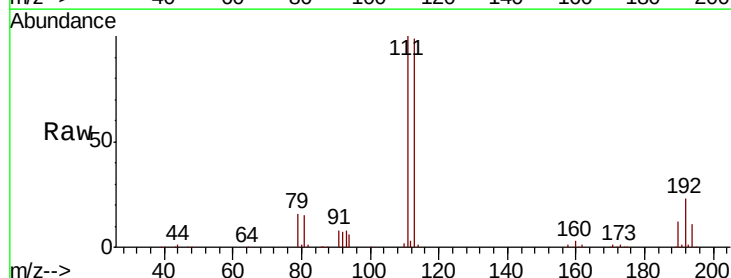
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-082018-C

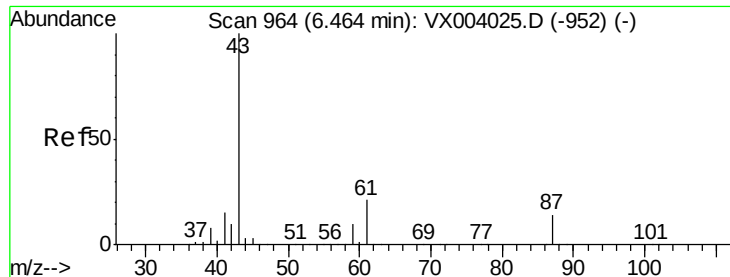
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.0
88	15.5	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.01 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004182.D
 Acq: 21 Aug 2018 18:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.0	123.0
192	23.7	19.0	28.4





#43

Isopropyl Acetate

Concen: 21.50 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004182.D

Acq: 21 Aug 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

CL-01-082018-C

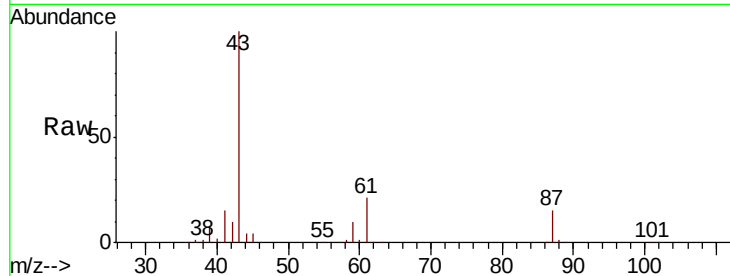
Tot Ion: 43 Resp: 186208

Ion Ratio Lower Upper

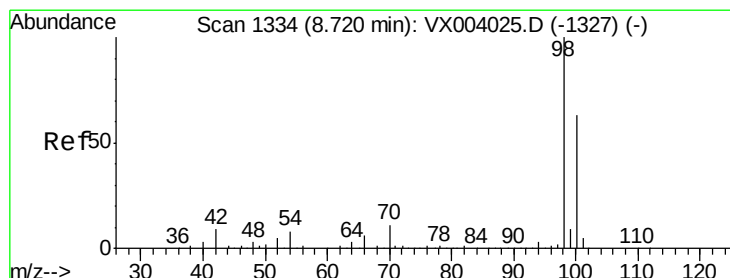
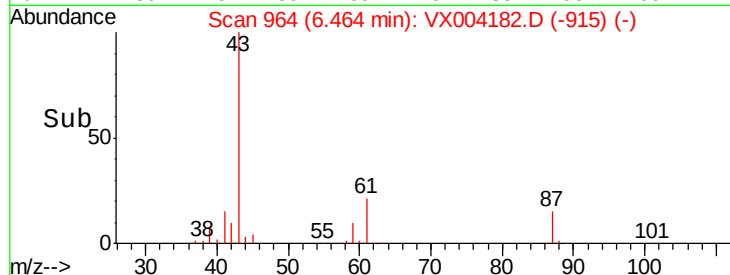
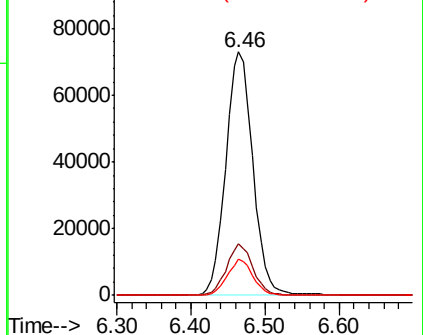
43 100

61 20.4 16.9 25.3

87 14.1 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 46.96 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004182.D

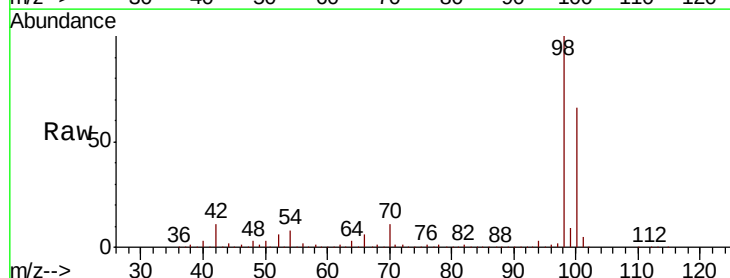
Acq: 21 Aug 2018 18:03

Tgt Ion: 98 Resp: 675751

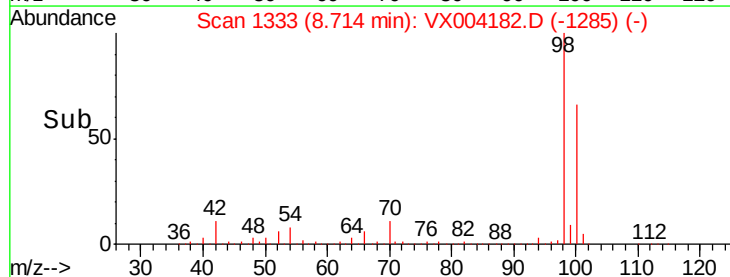
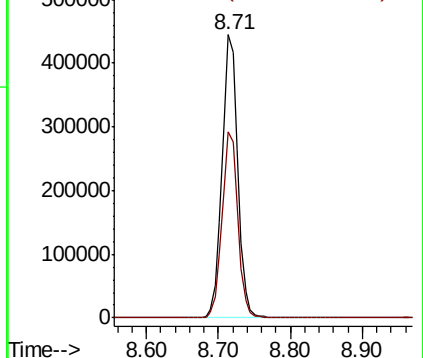
Ion Ratio Lower Upper

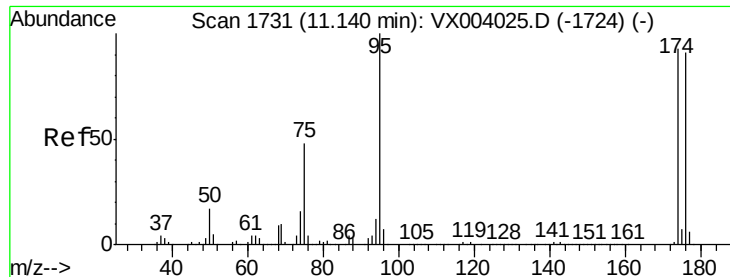
98 100

100 65.9 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

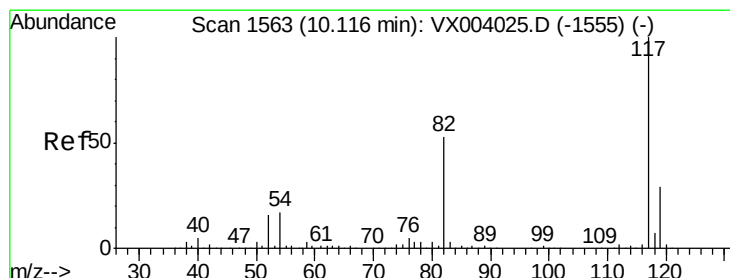
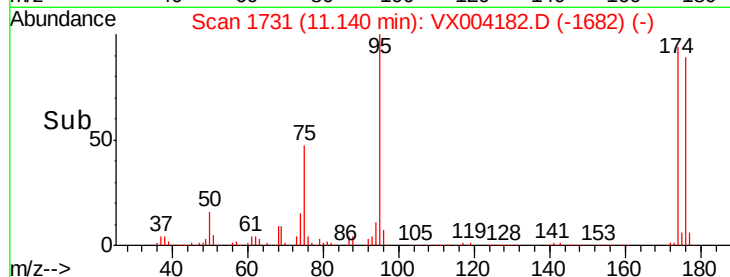
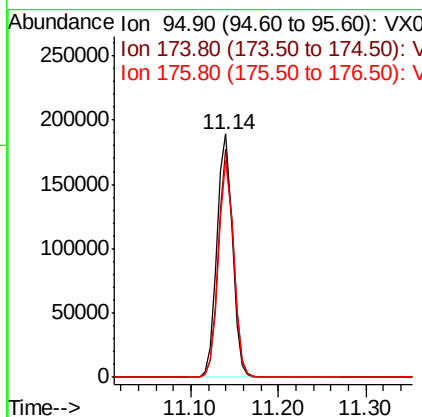
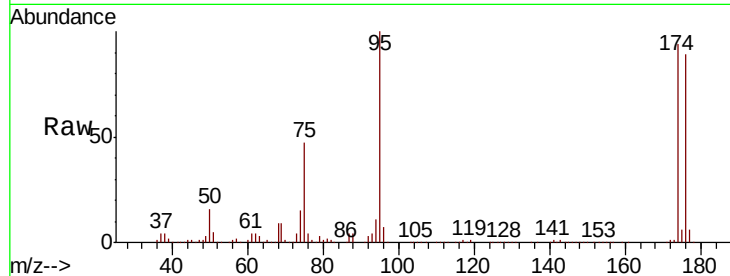




#62
4-Bromofluorobenzene
Concen: 44.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004182.D
Acq: 21 Aug 2018 18:03

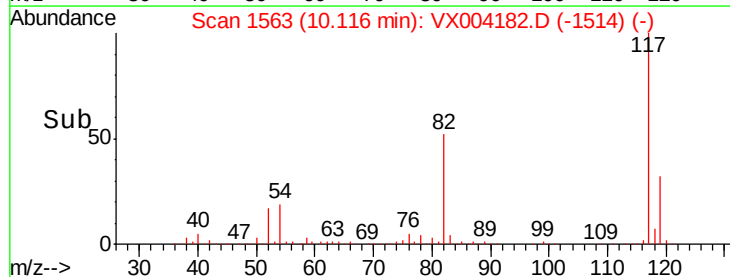
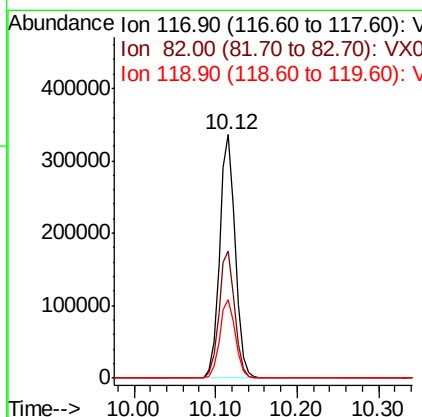
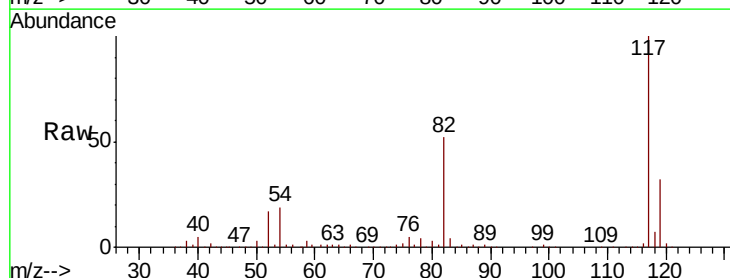
Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-C

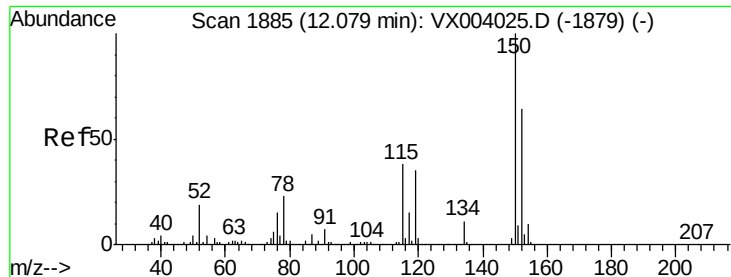
Tot Ion: 95 Resp: 230079
Ion Ratio Lower Upper
95 100
174 91.4 0.0 182.8
176 87.2 0.0 179.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004182.D
Acq: 21 Aug 2018 18:03

Tgt Ion: 117 Resp: 450362
Ion Ratio Lower Upper
117 100
82 52.4 45.4 68.0
119 32.5 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004182.D

Acq: 21 Aug 2018 18:03

Instrument :

MSVOA_X

ClientSampleId :

CL-01-082018-C

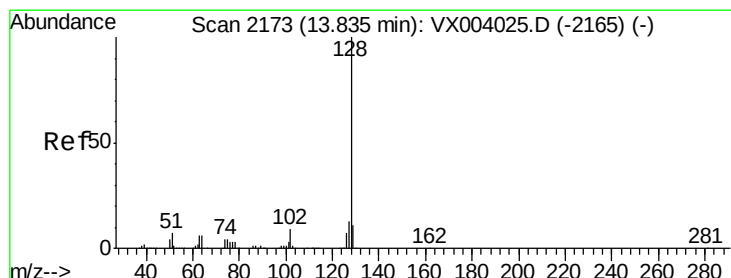
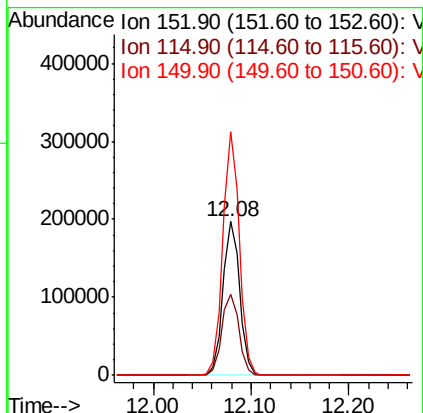
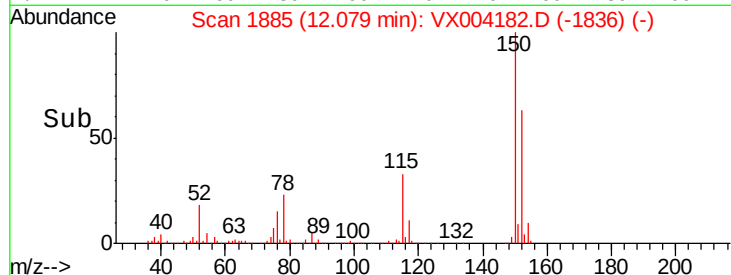
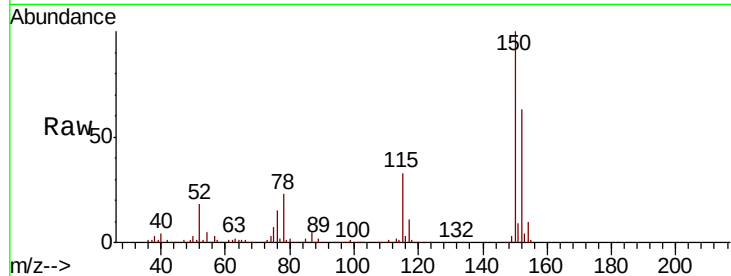
Tot Ion:152 Resp: 234972

Ion Ratio Lower Upper

152 100

115 54.2 39.1 117.3

150 155.5 0.0 349.2



#95

Naphthalene

Concen: 2.43 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004182.D

Acq: 21 Aug 2018 18:03

Tgt Ion:128 Resp: 21693

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 12.7 8.8 13.2

