

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004180.D
 Acq On : 21 Aug 2018 17:10
 Operator : JC/MD
 Sample : J4275-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 22 01:47:45 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	296874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	468512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245443	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	213552	51.05	ug/l	0.00
Spiked Amount			Recovery	=	102.10%	
35) Dibromofluoromethane	5.50	113	182757	50.33	ug/l	0.00
Spiked Amount			Recovery	=	100.66%	
50) Toluene-d8	8.71	98	688265	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	
62) 4-Bromofluorobenzene	11.14	95	244206	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	

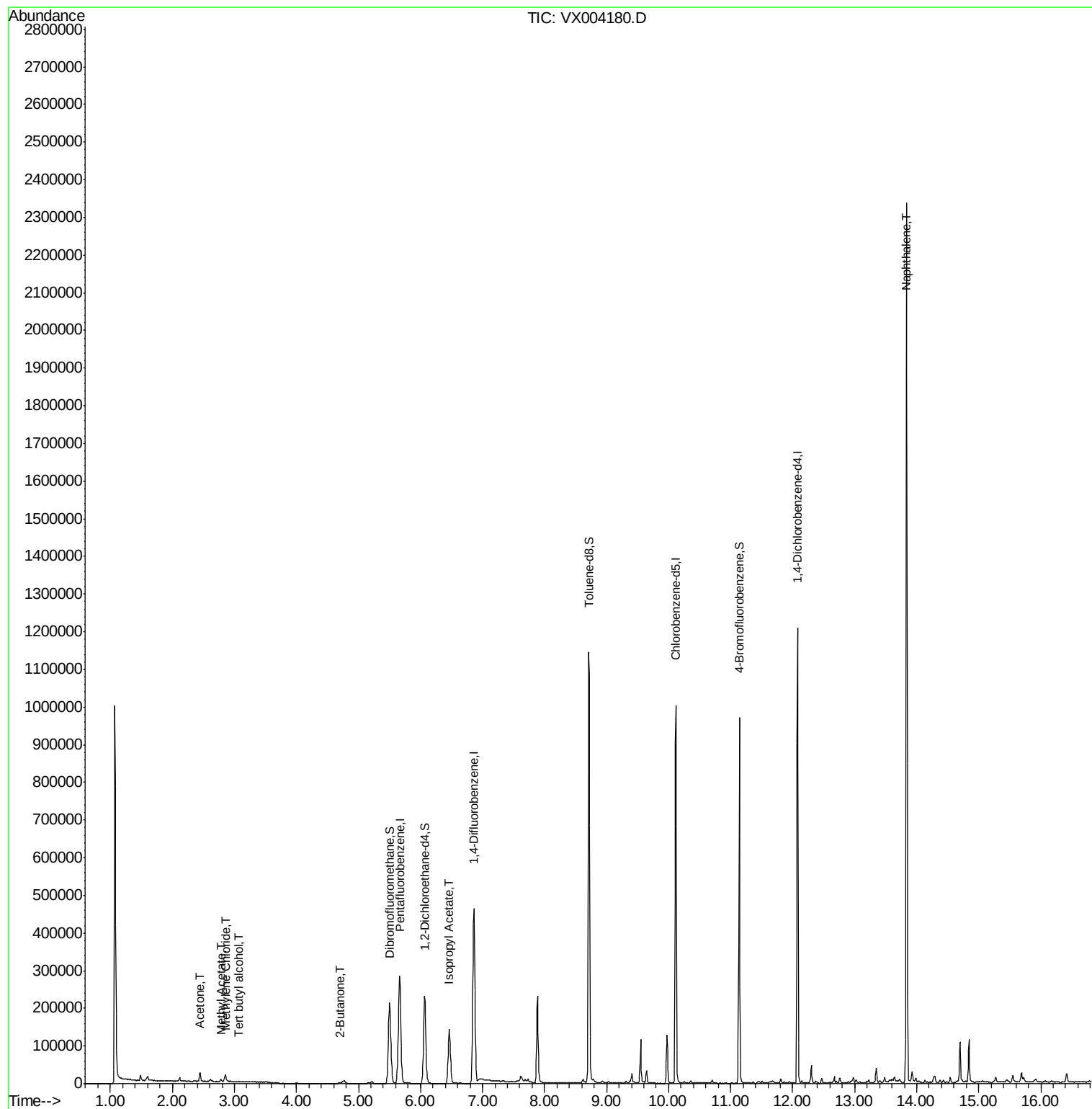
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.07	59	2282	2.71	ug/l	# 91
16) Acetone	2.45	43	25167	11.57	ug/l	100
18) Methyl Acetate	2.78	43	7551	1.56	ug/l	98
20) Methylene Chloride	2.85	84	8789	1.89	ug/l	96
25) 2-Butanone	4.70	43	4563	1.29	ug/l	94
43) Isopropyl Acetate	6.46	43	187537	21.16	ug/l	100
95) Naphthalene	13.83	128	1378792	79.65	ug/l	100

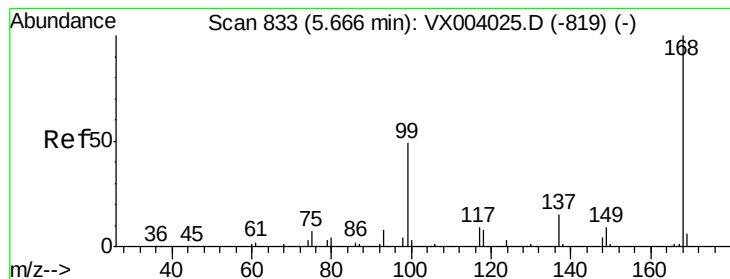
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004180.D

Acq: 21 Aug 2018 17:10

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MSVOA_X

ClientSampleId :

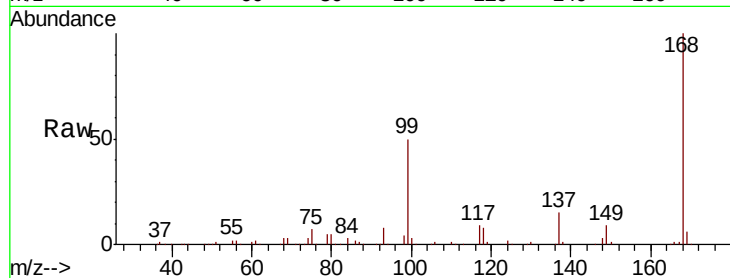
CL-01-082018-A

Tot Ion:168 Resp: 296874

Ion Ratio Lower Upper

168 100

99 49.9 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

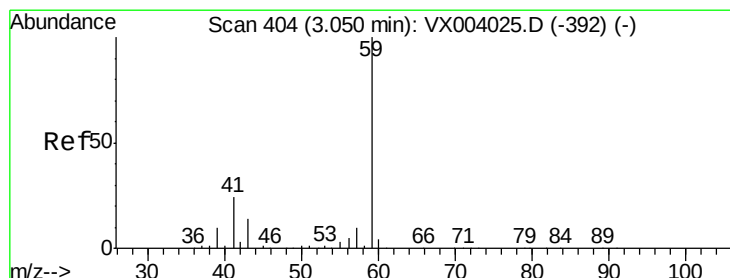
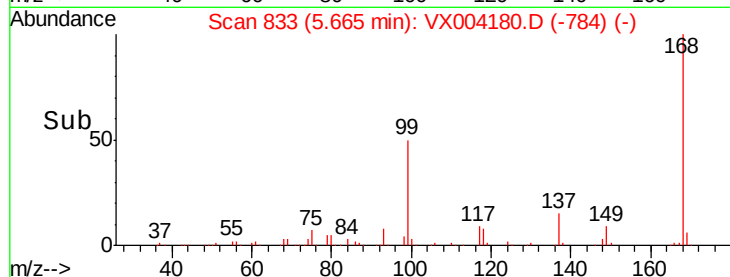
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 2.71 ug/l

RT: 3.07 min Scan# 407

Delta R.T. 0.02 min

Lab File: VX004180.D

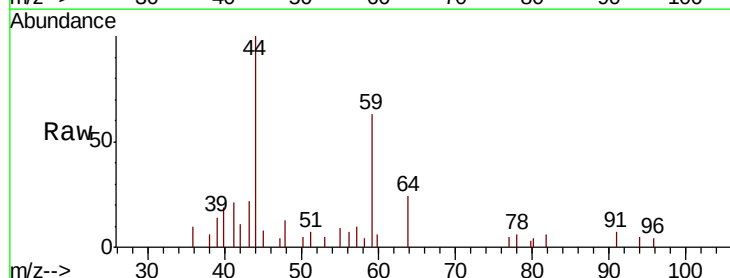
Acq: 21 Aug 2018 17:10

Tgt Ion: 59 Resp: 2282

Ion Ratio Lower Upper

59 100

57 13.4 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.07

1000

800

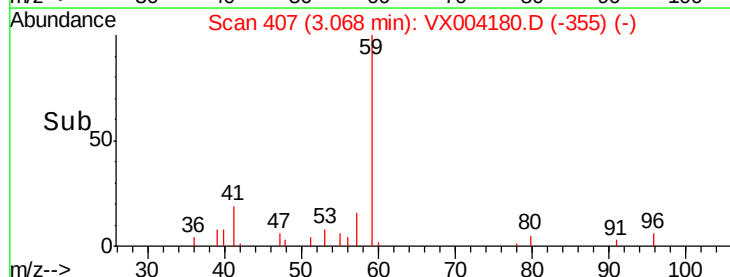
600

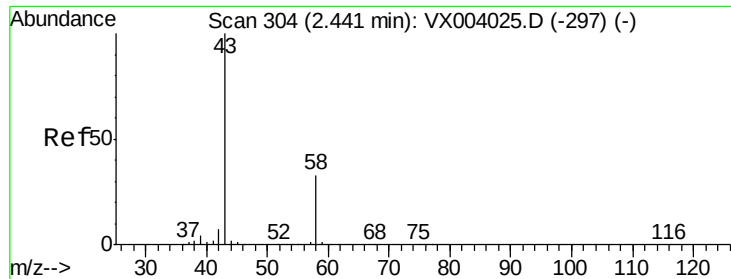
400

200

0

Time--> 3.00 3.05 3.10 3.15





#16

Acetone

Concen: 11.57 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.01 min

Lab File: VX004180.D

Acq: 21 Aug 2018 17:10

Instrument :

MSVOA_X

ClientSampleId :

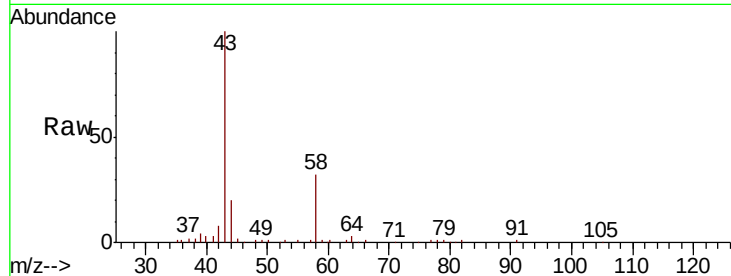
CL-01-082018-A

Tot Ion: 43 Resp: 25167

Ion Ratio Lower Upper

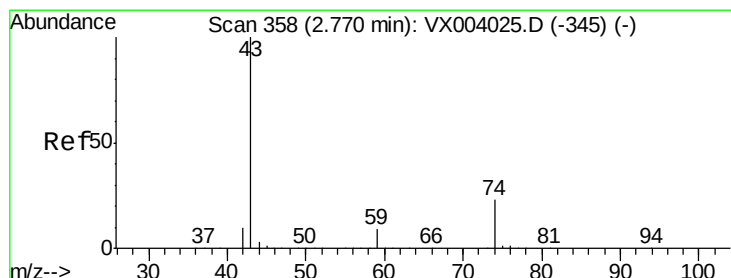
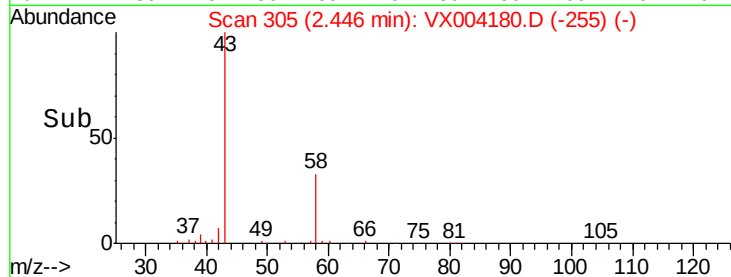
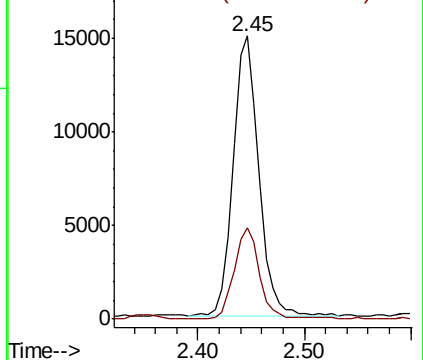
43 100

58 32.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.56 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX004180.D

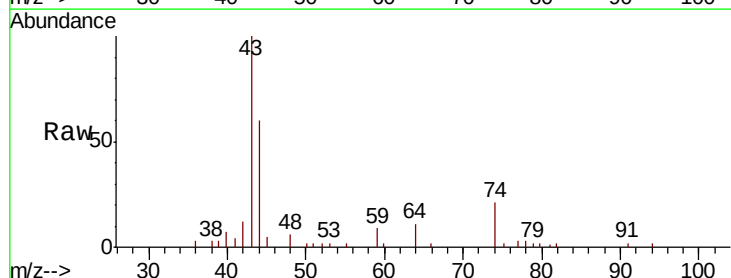
Acq: 21 Aug 2018 17:10

Tgt Ion: 43 Resp: 7551

Ion Ratio Lower Upper

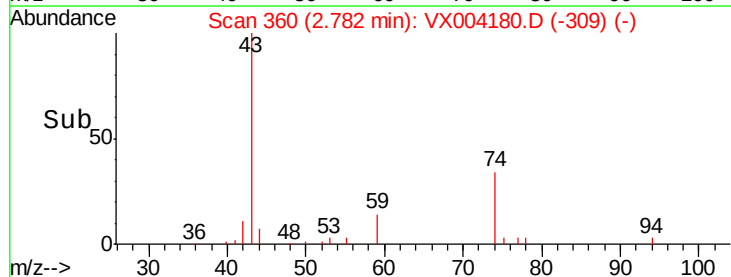
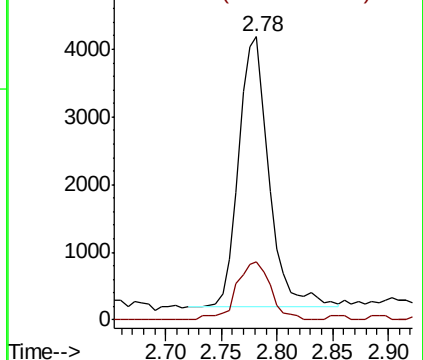
43 100

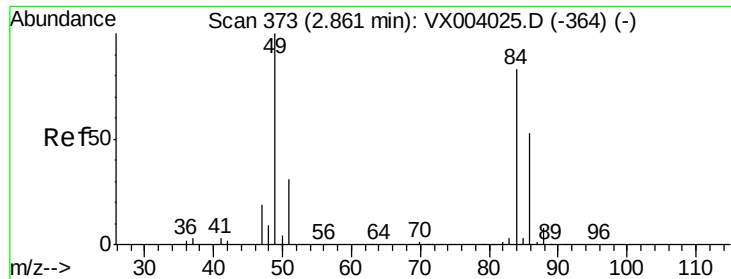
74 24.4 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

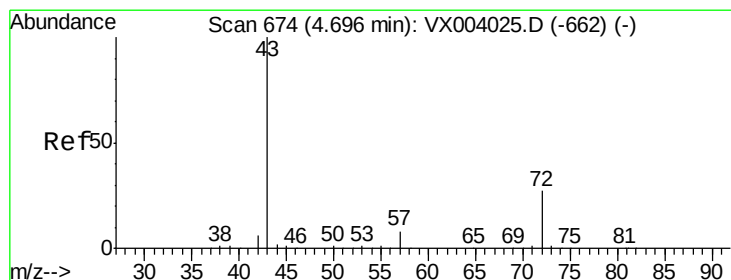
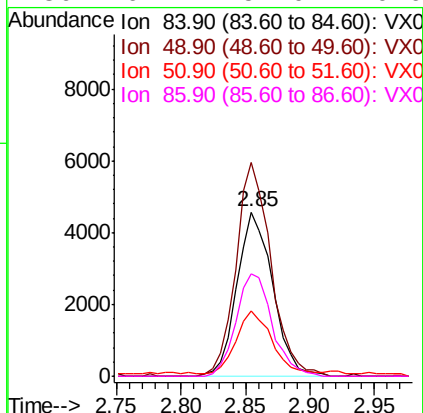
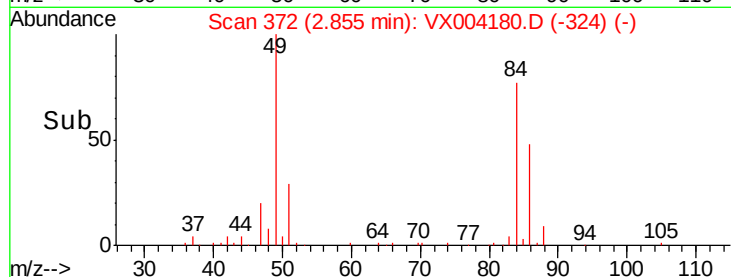
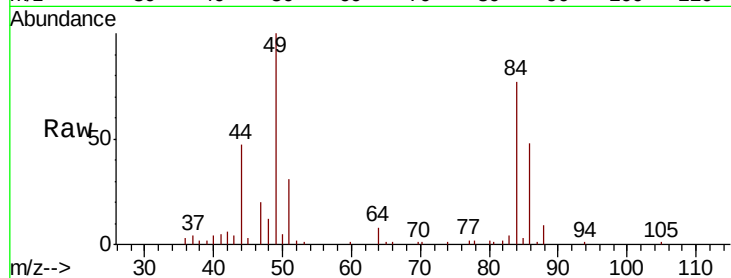




#20
Methvlene Chloride
Concen: 1.89 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004180.D
Acq: 21 Aug 2018 17:10

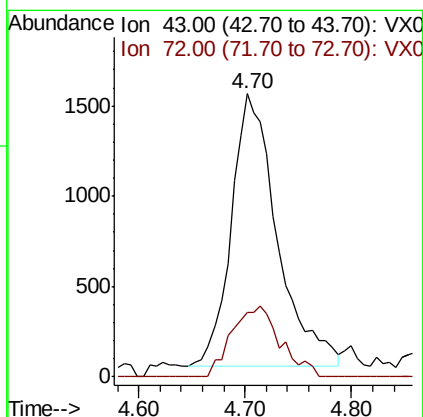
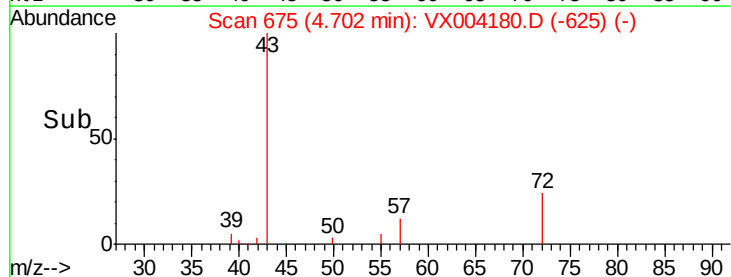
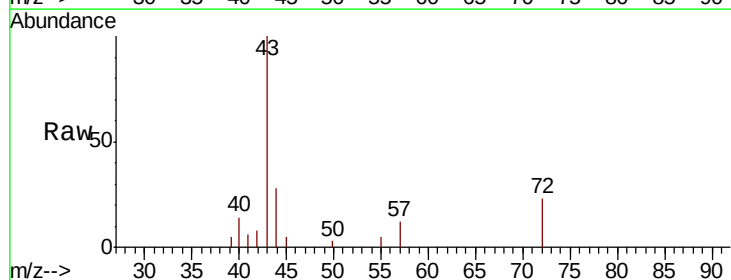
Instrument :
MSVOA_X
ClientSampleId :
CL-01-082018-A

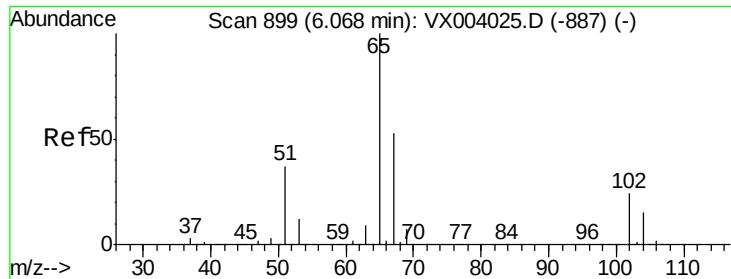
Tot Ion:	84	Resp:	8789
Ion	Ratio	Lower	Upper
84	100		
49	130.3	98.9	148.3
51	37.6	29.9	44.9
86	62.2	51.0	76.6



#25
2-Butanone
Concen: 1.29 ug/l
RT: 4.70 min Scan# 675
Delta R.T. 0.01 min
Lab File: VX004180.D
Acq: 21 Aug 2018 17:10

Tgt Ion:	43	Resp:	4563
Ion	Ratio	Lower	Upper
43	100		
72	23.7	21.4	32.0

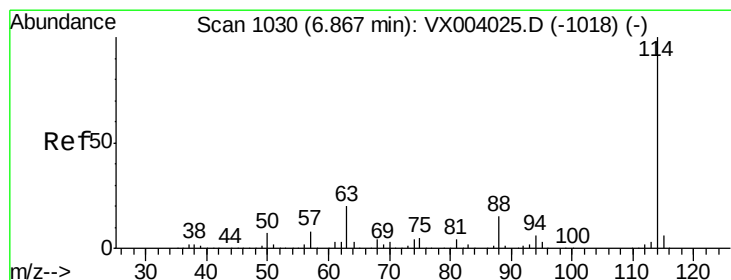
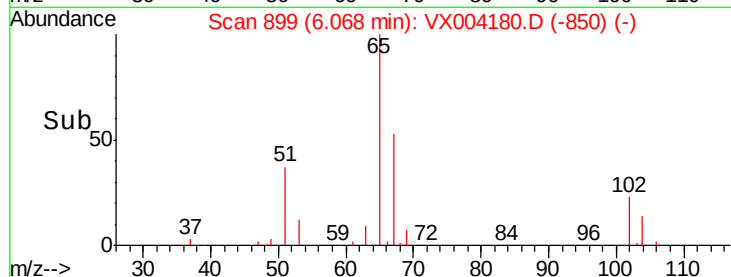
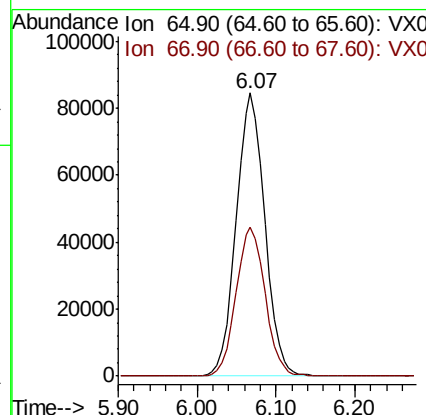
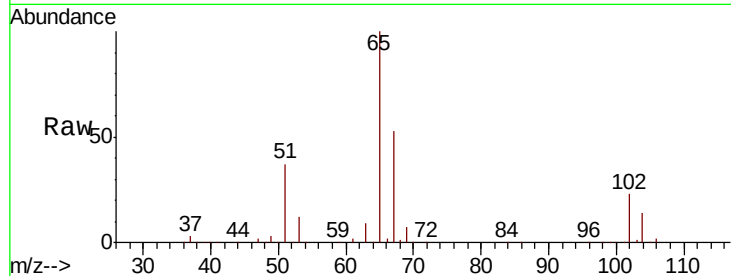




#33
 1,2-Dichloroethane-d4
 Concen: 51.05 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004180.D
 Acq: 21 Aug 2018 17:10

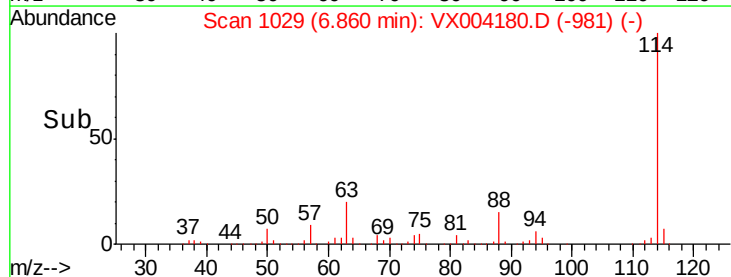
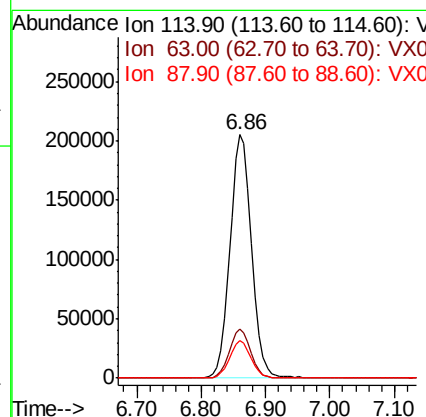
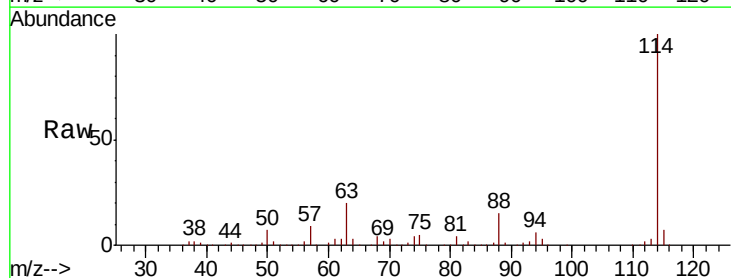
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 ClientSampleId :
 CL-01-082018-A

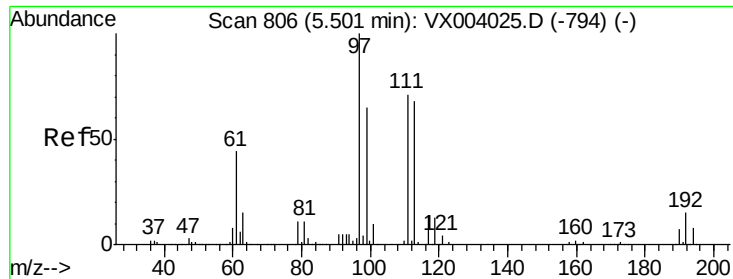
Tot Ion: 65 Resp: 21352
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004180.D
 Acq: 21 Aug 2018 17:10

Tgt Ion: 114 Resp: 485204
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.3 0.0 32.0

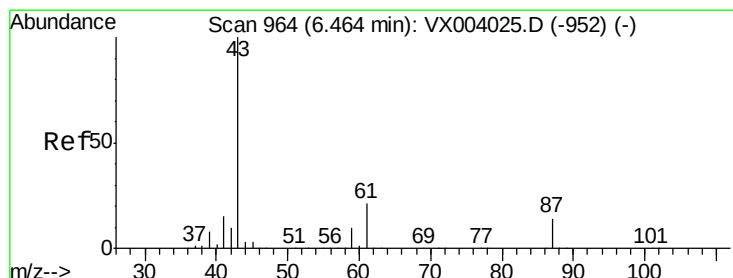
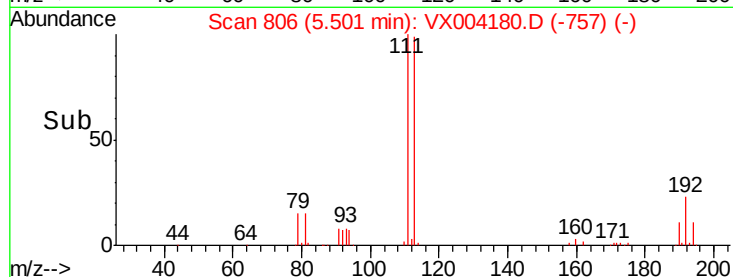
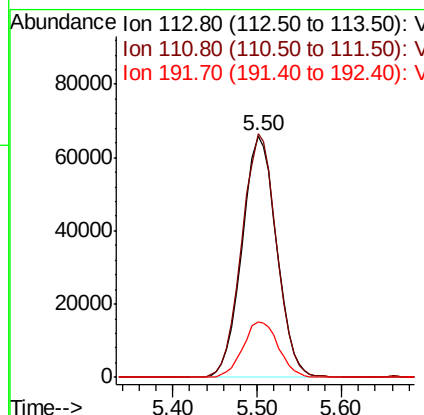
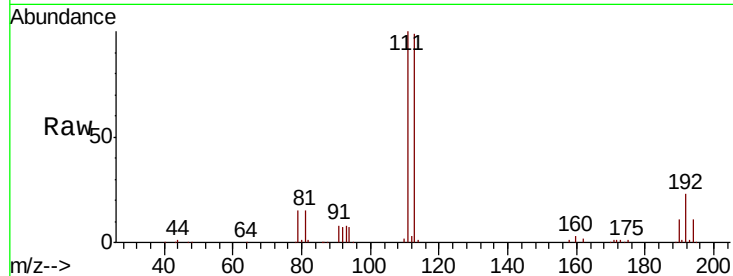




#35
 Dibromofluoromethane
 Concen: 50.33 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004180.D
 Acq: 21 Aug 2018 17:10

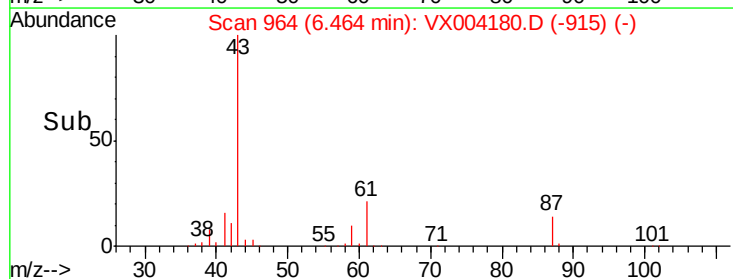
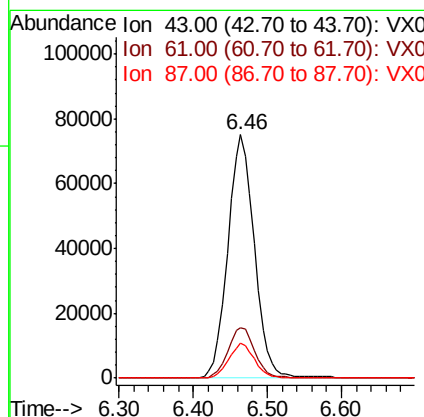
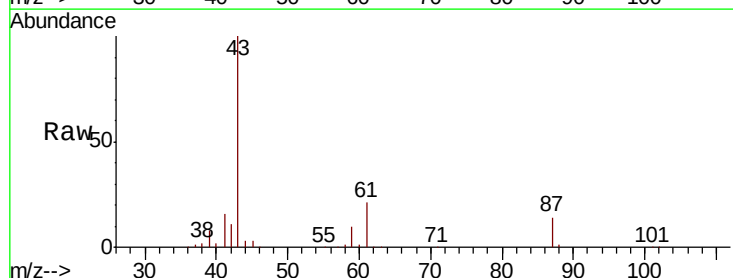
Instrument :
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 ClientSampleId :
 CL-01-082018-A

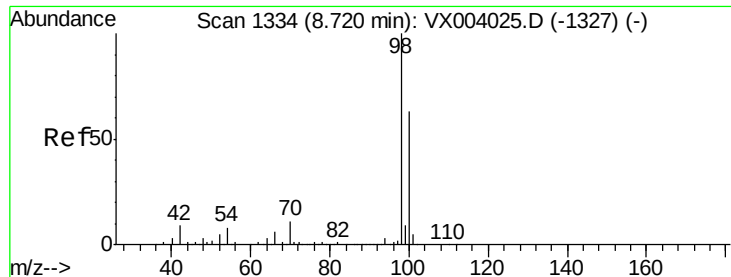
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.0	123.0
192	23.7	19.0	28.4



#43
 Isopropyl Acetate
 Concen: 21.16 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004180.D
 Acq: 21 Aug 2018 17:10

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.9	25.3
87	13.8	11.3	16.9

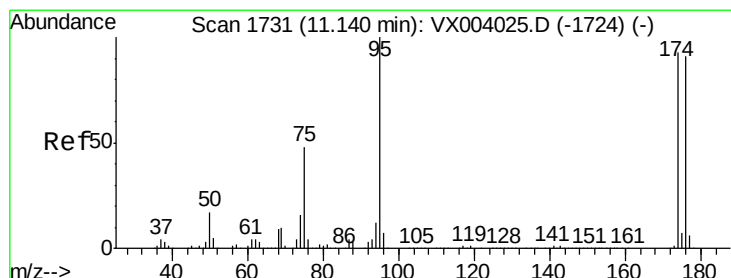
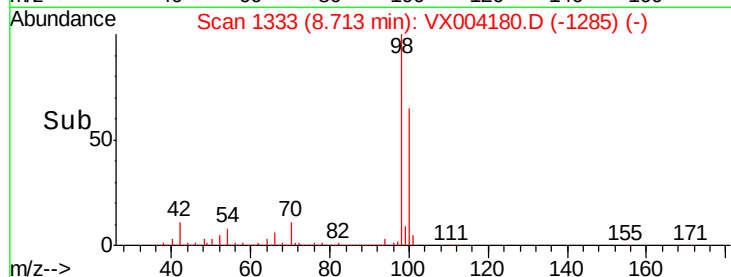
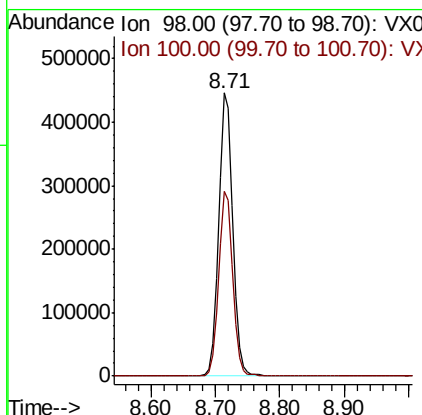
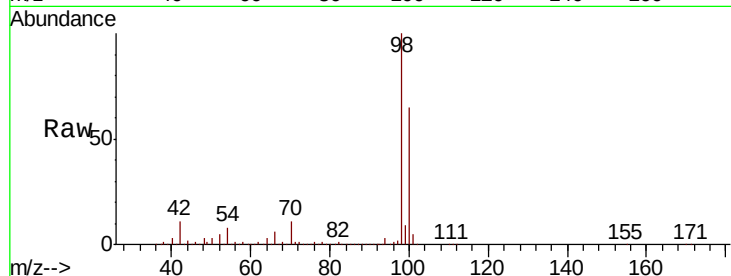




#50
Toluene-d8
Concen: 46.75 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004180.D
Acq: 21 Aug 2018 17:10

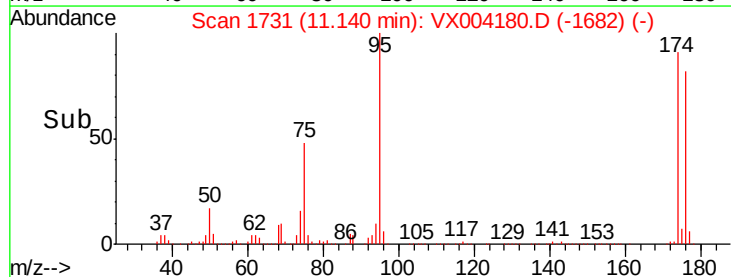
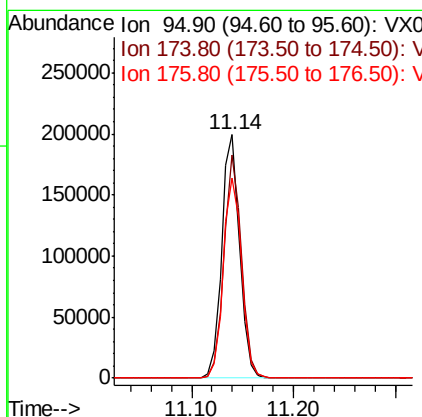
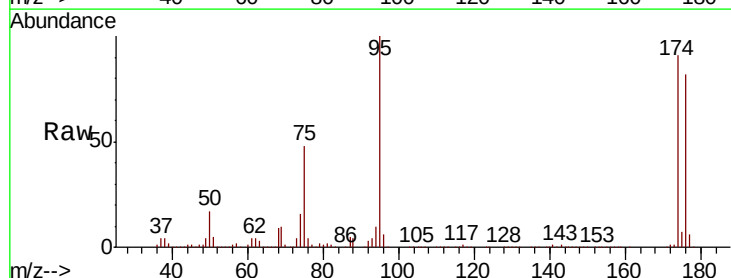
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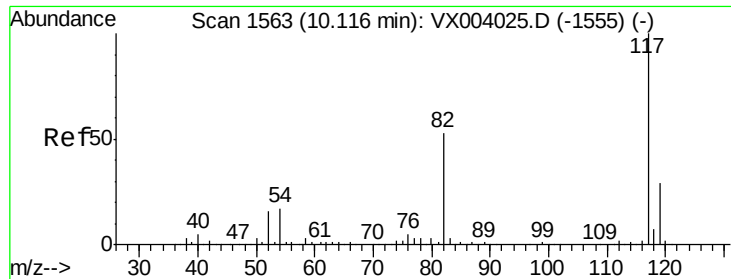
Tot Ion: 98 Resp: 688265
Ion Ratio Lower Upper
98 100
100 65.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.73 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX004180.D
Acq: 21 Aug 2018 17:10

Tgt Ion: 95 Resp: 244206
Ion Ratio Lower Upper
95 100
174 89.4 0.0 182.8
176 84.3 0.0 179.0

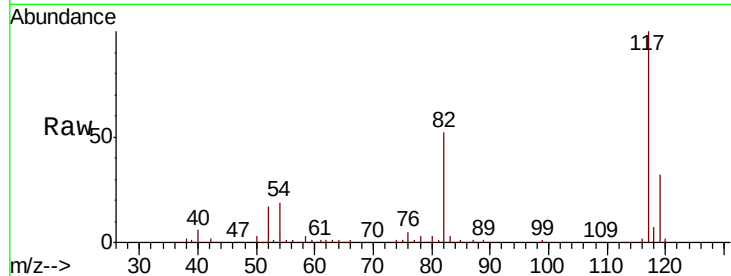




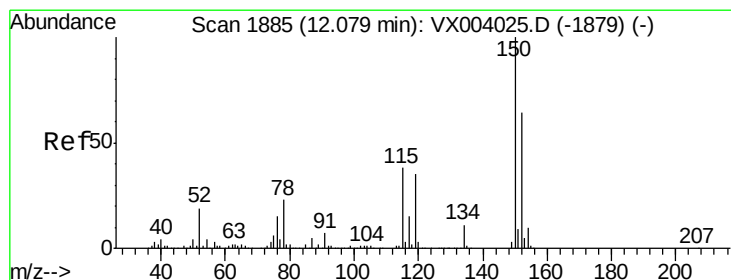
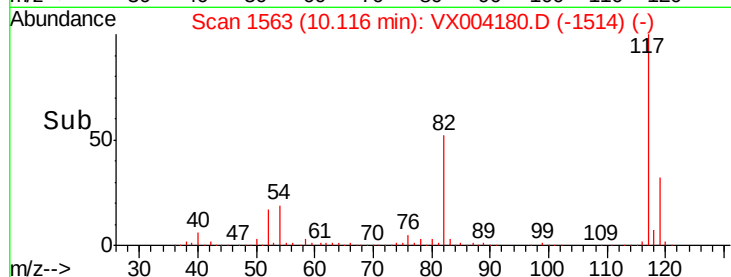
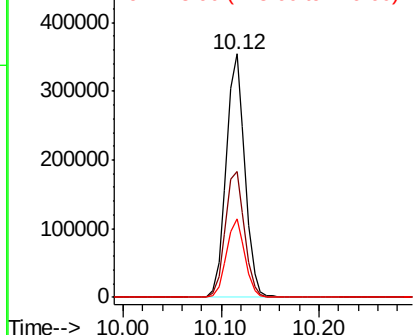
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004180.D
Acq: 21 Aug 2018 17:10

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

Tot Ion:117 Resp: 468512
Ion Ratio Lower Upper
117 100
82 51.9 45.4 68.0
119 32.4 26.6 40.0

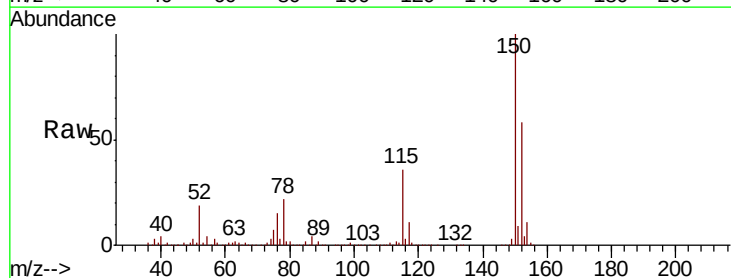


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

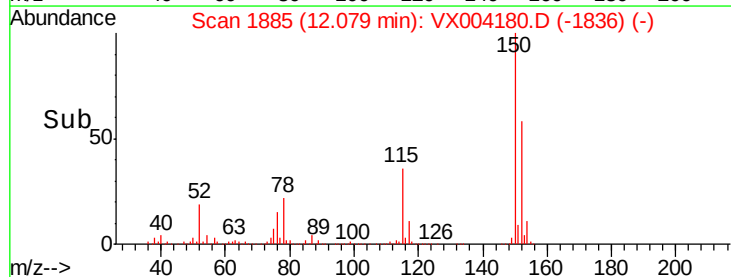
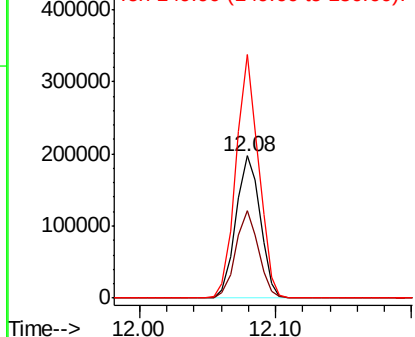


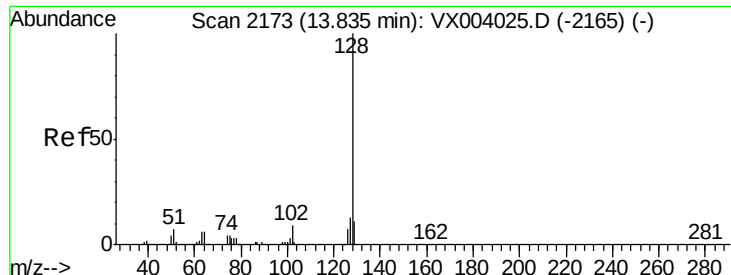
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004180.D
Acq: 21 Aug 2018 17:10

Tgt Ion:152 Resp: 245443
Ion Ratio Lower Upper
152 100
115 57.3 39.1 117.3
150 159.5 0.0 349.2



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: 79.65 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004180.D
Acq: 21 Aug 2018 17:10

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

Tot Ion:128 Resp: 1378792
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.0 8.8 13.2

