

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004181.D
 Acq On : 21 Aug 2018 17:37
 Operator : JC/MD
 Sample : J4275-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 22 01:49:48 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	290076	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	474424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	455089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244867	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	208483	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.50	113	177721	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	671251	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.14	95	229226	43.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.80%	

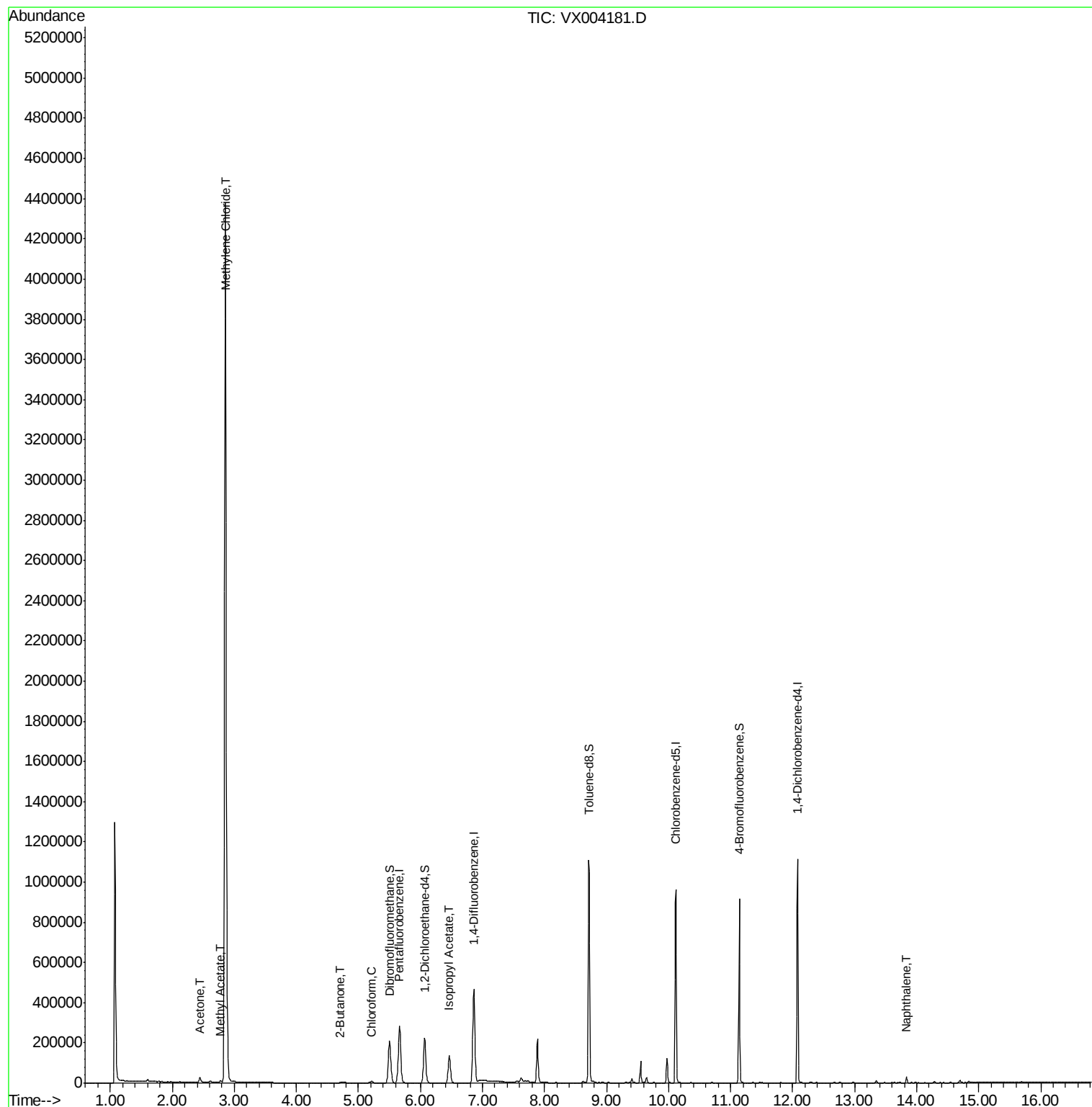
Target Compounds						Qvalue
16) Acetone	2.44	43	22154	10.43	ug/l	95
18) Methyl Acetate	2.78	43	7612	1.61	ug/l	93
20) Methylene Chloride	2.86	84	2050217	596.95	ug/l	97
25) 2-Butanone	4.70	43	3967	1.15	ug/l	94
30) Chloroform	5.21	83	9086	1.44	ug/l	99
43) Isopropyl Acetate	6.46	43	180328	20.81	ug/l	100
95) Naphthalene	13.83	128	18626	2.21	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# 833

Delta R.T. -0.00 min

Lab File: VX004181.D

Acq: 21 Aug 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

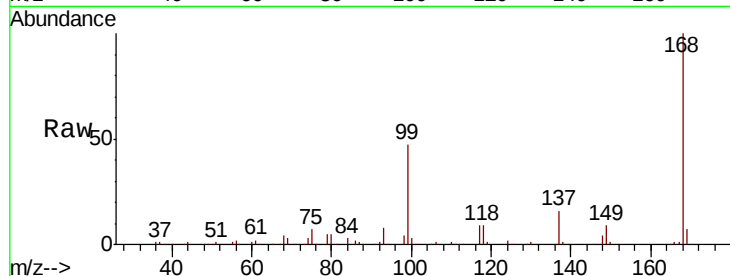
CL-01-082018-B

Tot Ion:168 Resp: 290076

Ion Ratio Lower Upper

168 100

99 47.3 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

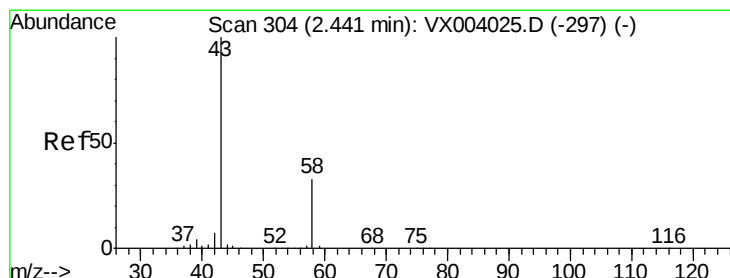
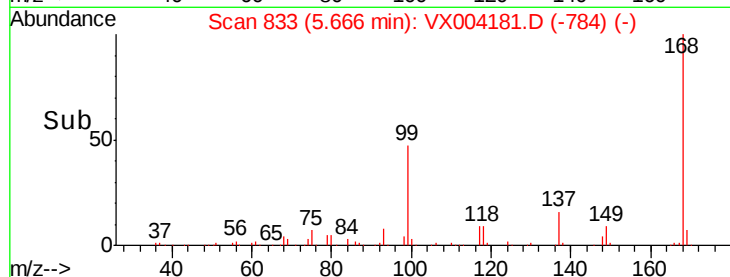
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.43 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004181.D

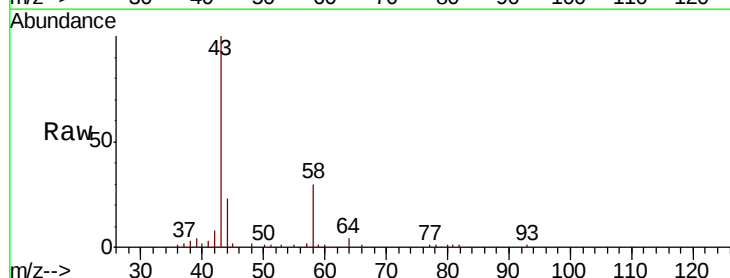
Acq: 21 Aug 2018 17:37

Tgt Ion: 43 Resp: 22154

Ion Ratio Lower Upper

43 100

58 30.1 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

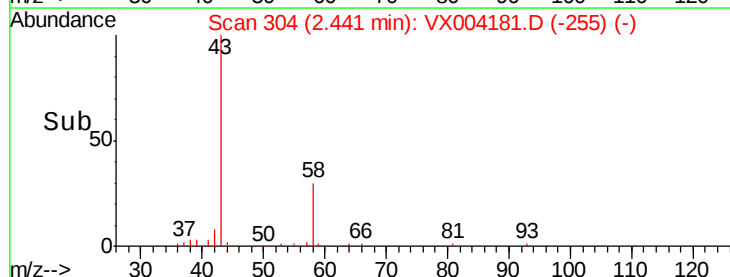
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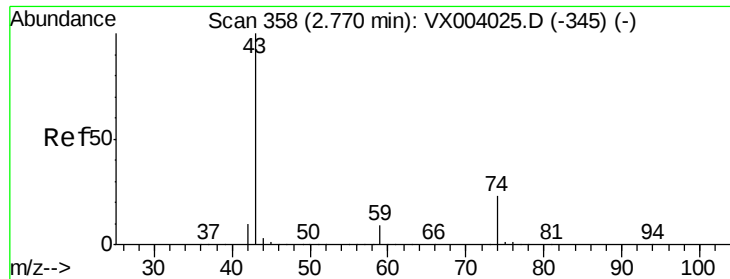
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0

Time-->

2.35 2.40 2.45 2.50

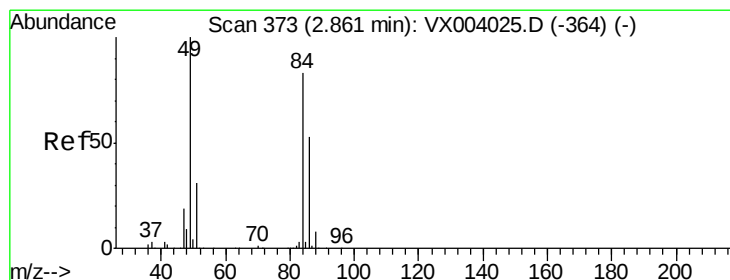
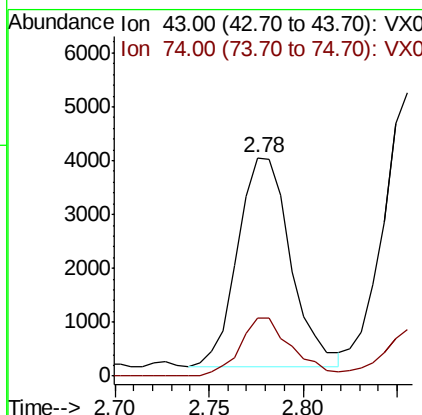
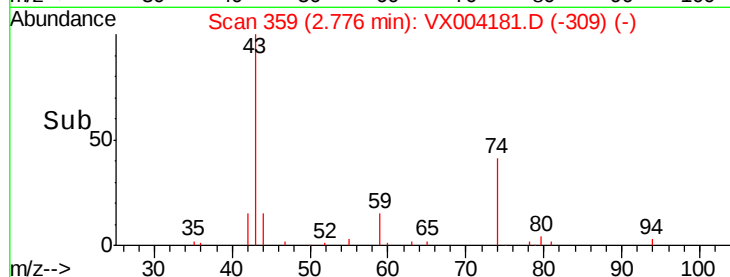
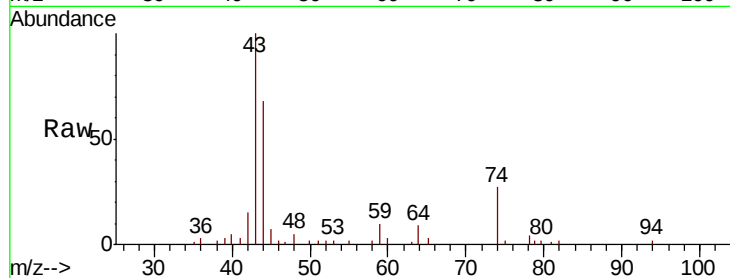




#18
Methyl Acetate
Concen: 1.61 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

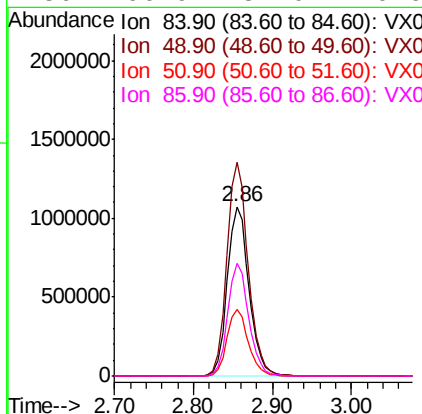
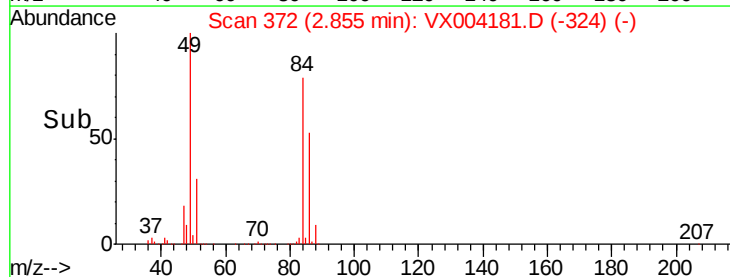
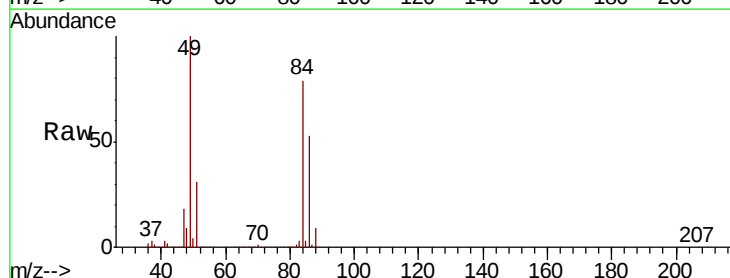
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MSVOA_X
ClientSampleId :
CL-01-082018-B

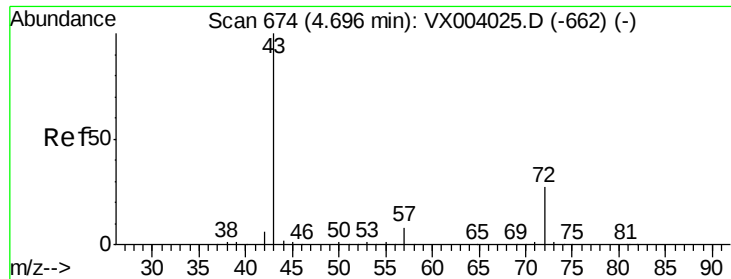
Tot Ion: 43 Resp: 7612
Ion Ratio Lower Upper
43 100
74 26.9 18.9 28.3



#20
Methylene Chloride
Concen: 596.95 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion: 84 Resp: 2050217
Ion Ratio Lower Upper
84 100
49 126.4 98.9 148.3
51 39.3 29.9 44.9
86 66.9 51.0 76.6





#25

2-Butanone

Concen: 1.15 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX004181.D

Acq: 21 Aug 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

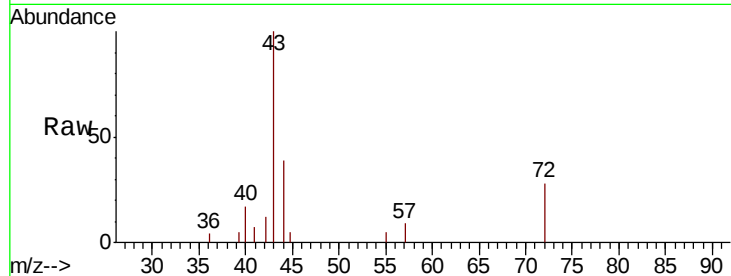
CL-01-082018-B

Tot Ion: 43 Resp: 3967

Ion Ratio Lower Upper

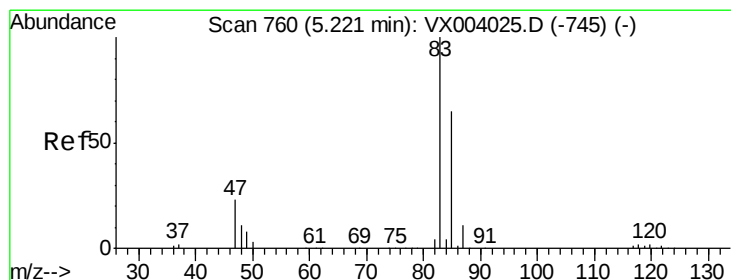
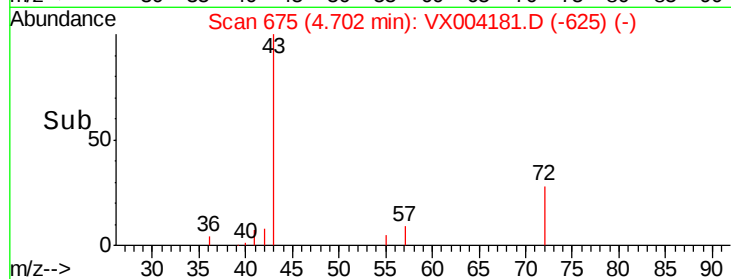
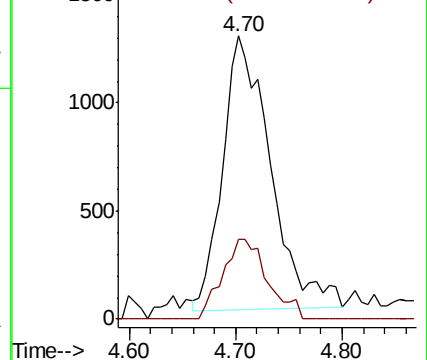
43 100

72 29.6 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: 1.44 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004181.D

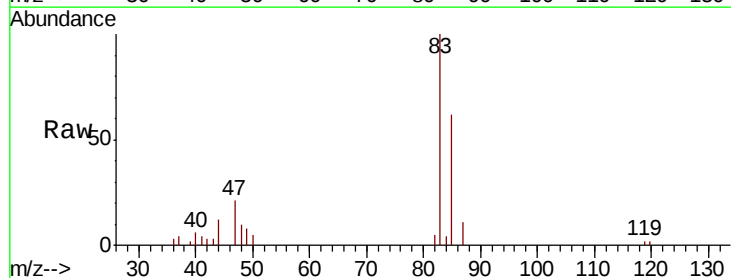
Acq: 21 Aug 2018 17:37

Tgt Ion: 83 Resp: 9086

Ion Ratio Lower Upper

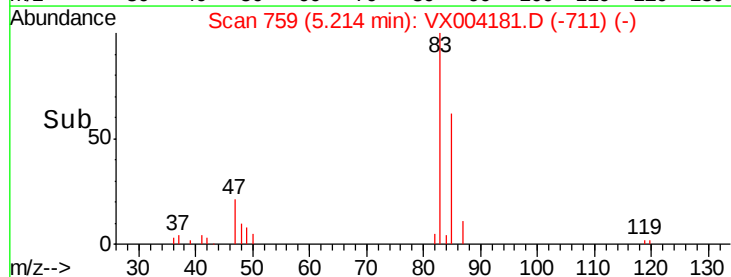
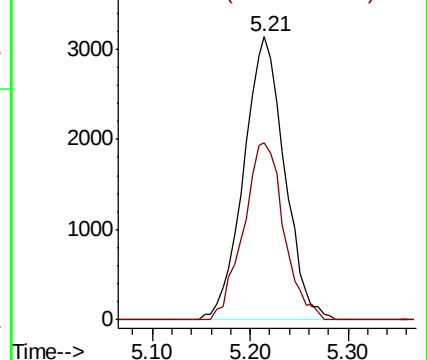
83 100

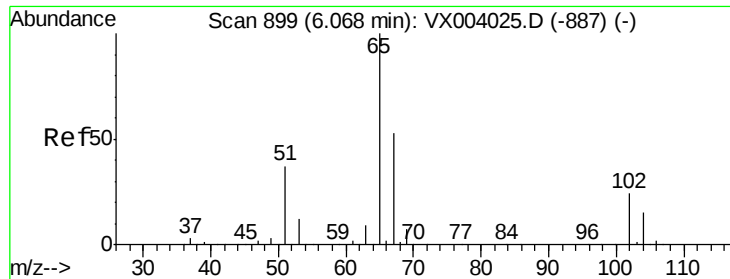
85 62.5 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

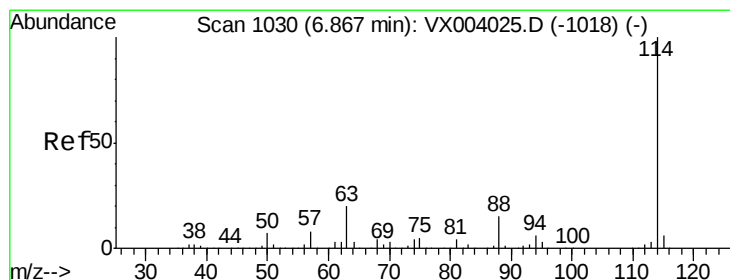
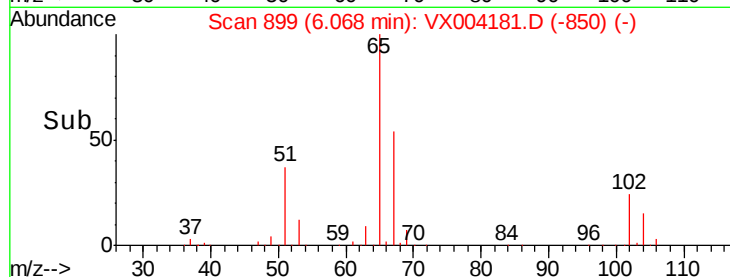
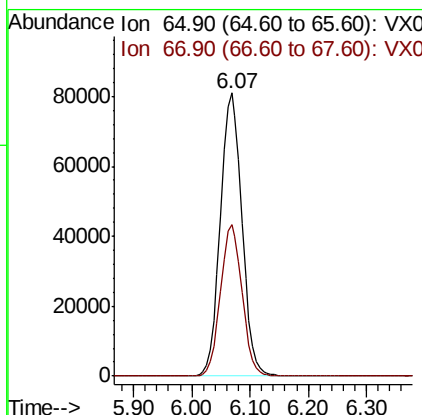
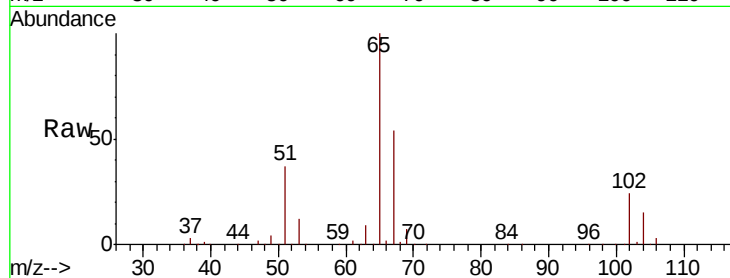




#33
 1,2-Dichloroethane-d4
 Concen: 51.01 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004181.D
 Acq: 21 Aug 2018 17:37

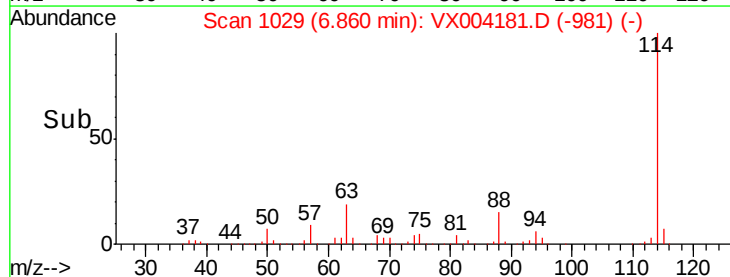
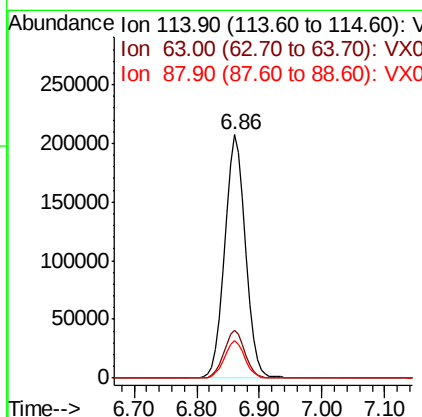
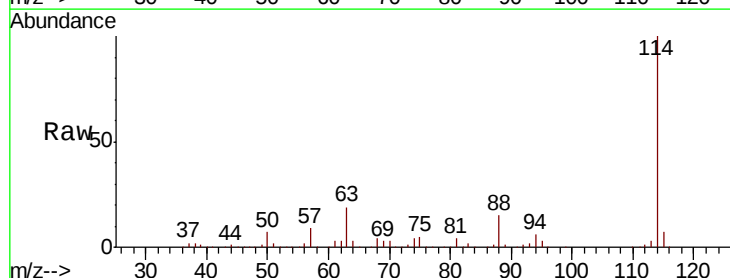
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-082018-B

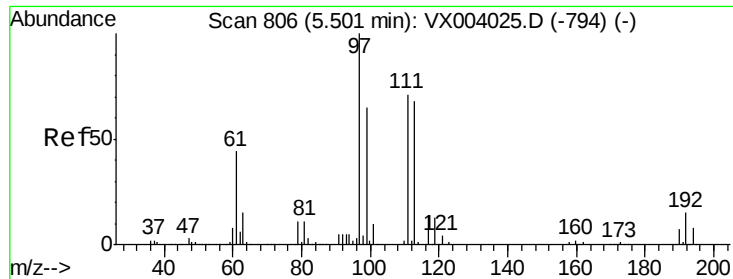
Tot Ion: 65 Resp: 208483
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004181.D
 Acq: 21 Aug 2018 17:37

Tgt Ion: 114 Resp: 474424
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.2 0.0 32.0

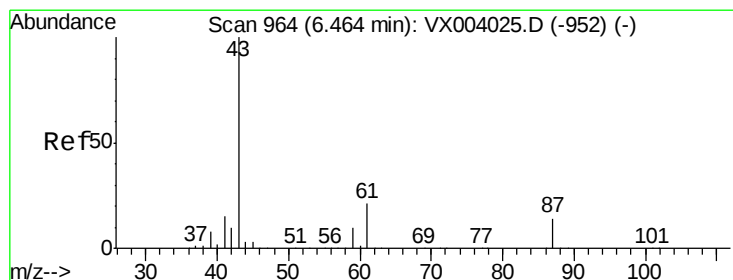
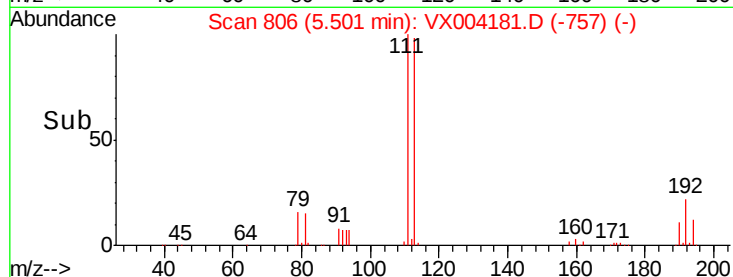
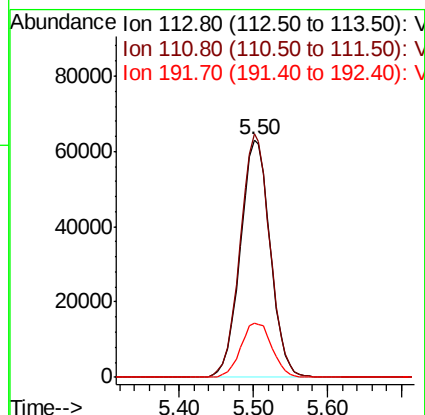
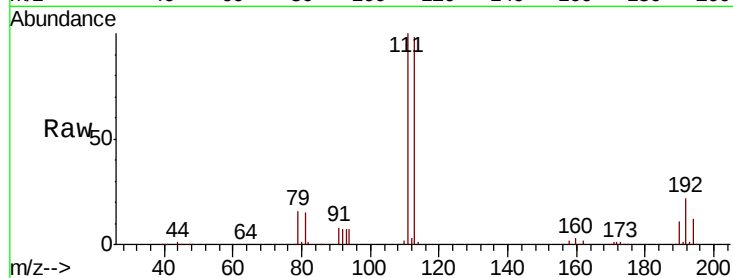




#35
 Dibromofluoromethane
 Concen: 50.05 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004181.D
 Acq: 21 Aug 2018 17:37

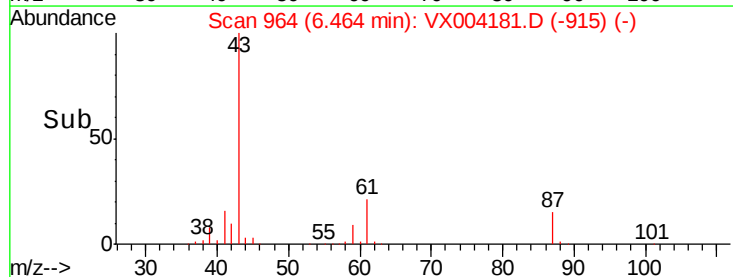
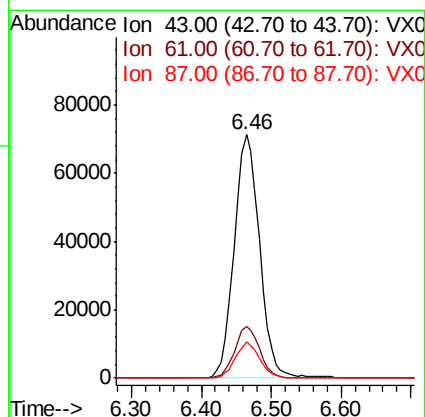
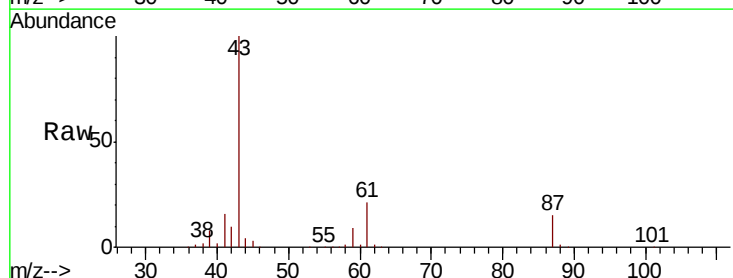
Instrument :
 MSVOA_X
 ClientSampleId :
 CL-01-082018-B

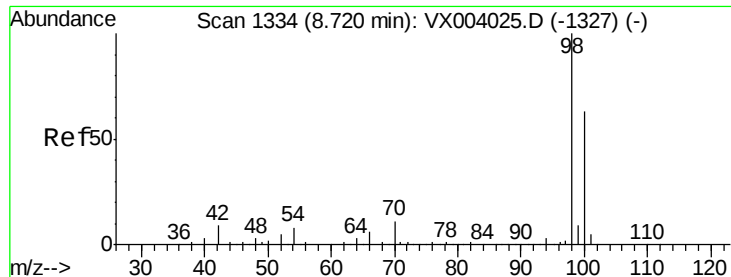
Tot Ion:113 Resp: 177721
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.0 123.0
 192 24.0 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 20.81 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004181.D
 Acq: 21 Aug 2018 17:37

Tgt Ion: 43 Resp: 180328
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.9 25.3
 87 14.1 11.3 16.9





#50

Toluene-d8

Concen: 46.63 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004181.D

Acq: 21 Aug 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

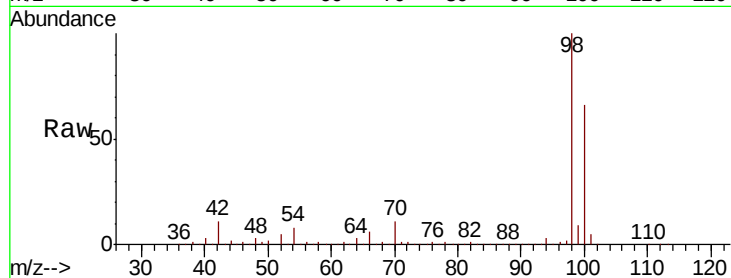
CL-01-082018-B

Tot Ion: 98 Resp: 671251

Ion Ratio Lower Upper

98 100

100 65.4 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

300000

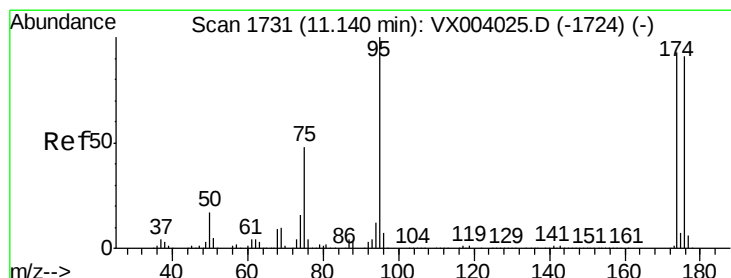
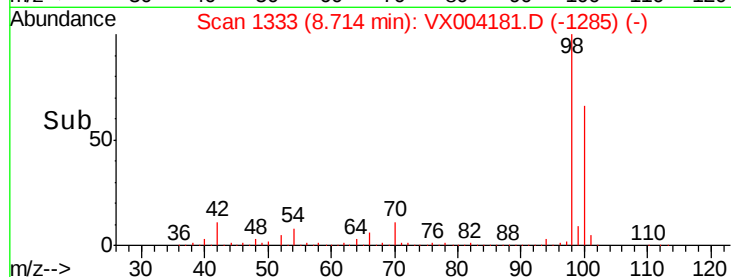
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 43.90 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004181.D

Acq: 21 Aug 2018 17:37

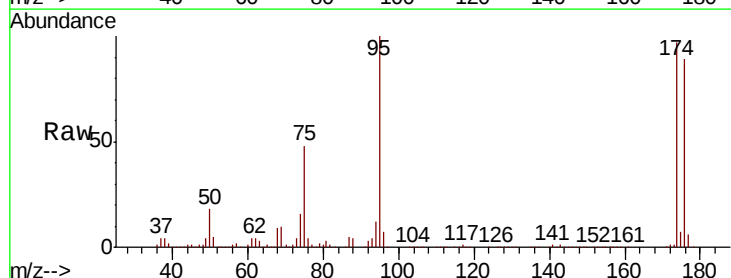
Tgt Ion: 95 Resp: 229226

Ion Ratio Lower Upper

95 100

174 93.9 0.0 182.8

176 88.6 0.0 179.0



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

250000

200000

150000

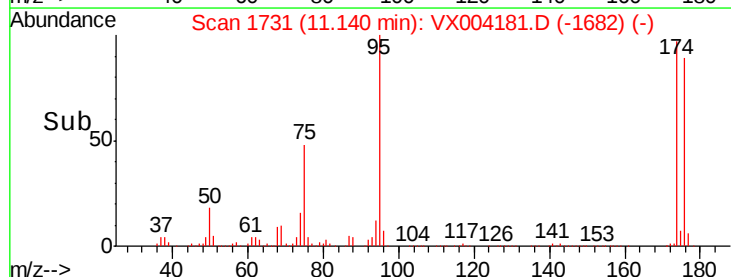
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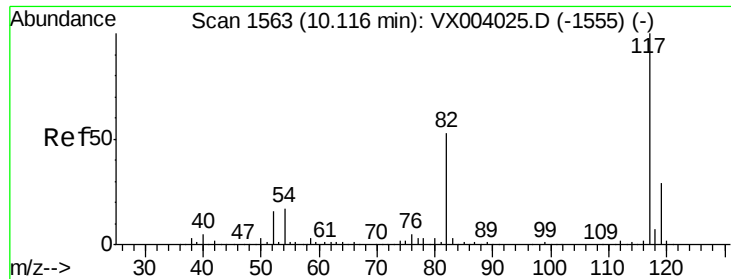
50000

0

Time-->

11.10 11.20

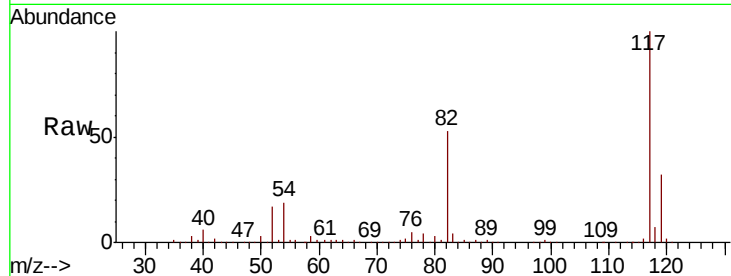




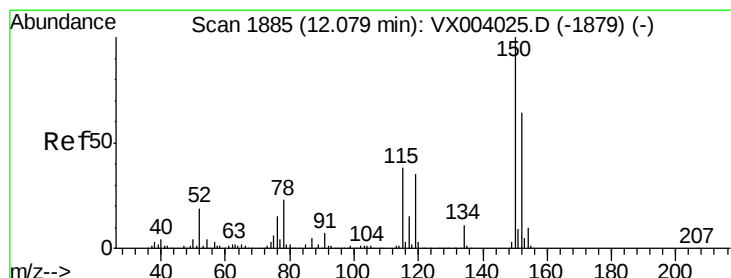
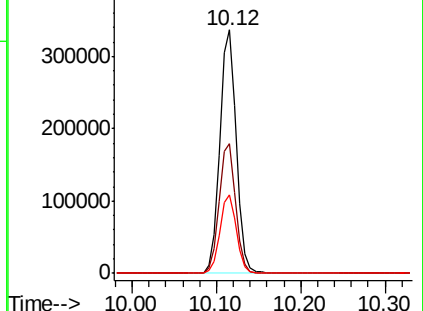
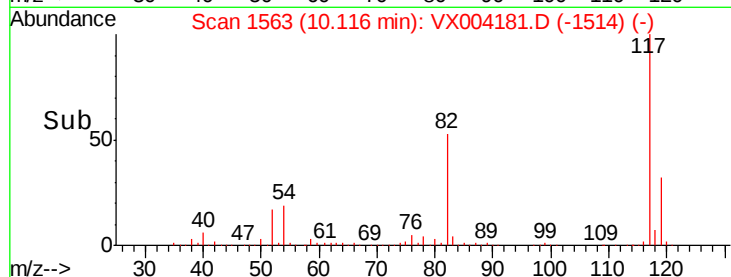
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

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

Tot Ion:117 Resp: 455089
Ion Ratio Lower Upper
117 100
82 53.0 45.4 68.0
119 32.3 26.6 40.0

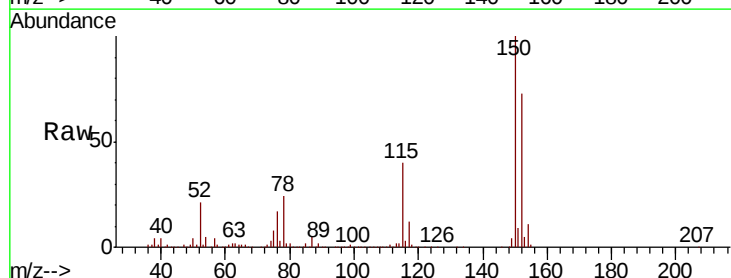


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

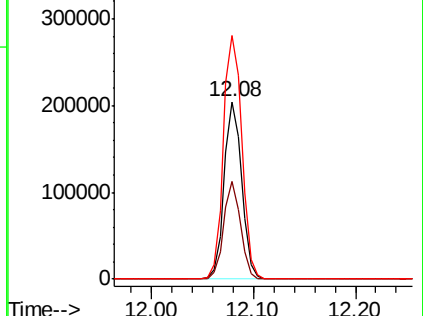
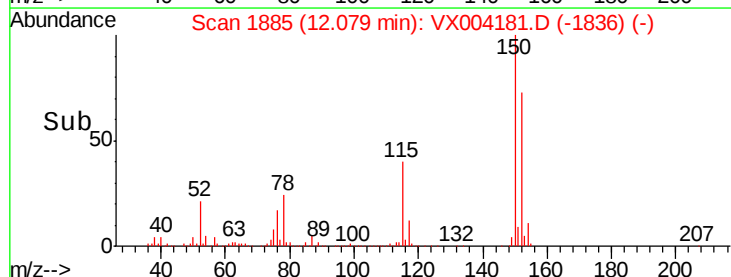


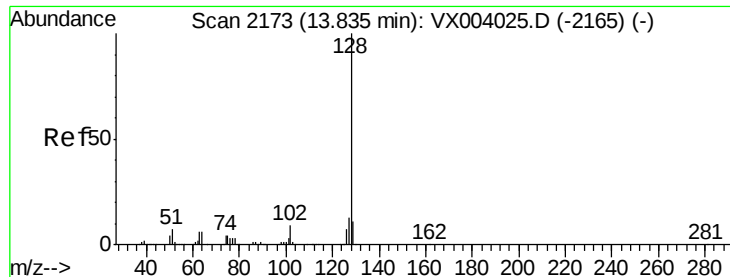
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004181.D
Acq: 21 Aug 2018 17:37

Tgt Ion:152 Resp: 244867
Ion Ratio Lower Upper
152 100
115 53.2 39.1 117.3
150 145.0 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: 2.21 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004181.D

Acq: 21 Aug 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

CL-01-082018-B

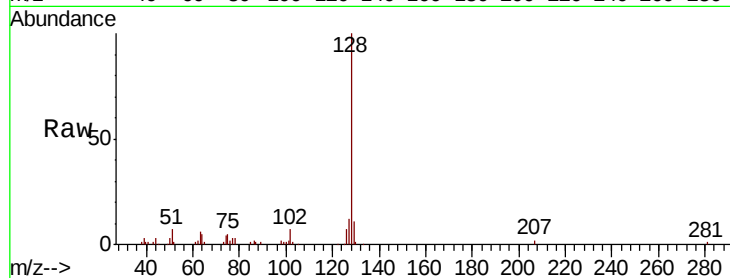
Tot Ion:128 Resp: 18626

Ion Ratio Lower Upper

128 100

127 11.8 10.2 15.2

129 11.3 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

