

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082118\
 Data File : VX004173.D
 Acq On : 21 Aug 2018 14:05
 Operator : JC/MD
 Sample : J4271-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-B

Quant Time: Aug 22 01:28:49 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	276658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	469726	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	445551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239652	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	207327	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
35) Dibromofluoromethane	5.50	113	176576	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	8.71	98	665920	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
62) 4-Bromofluorobenzene	11.14	95	227673	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	

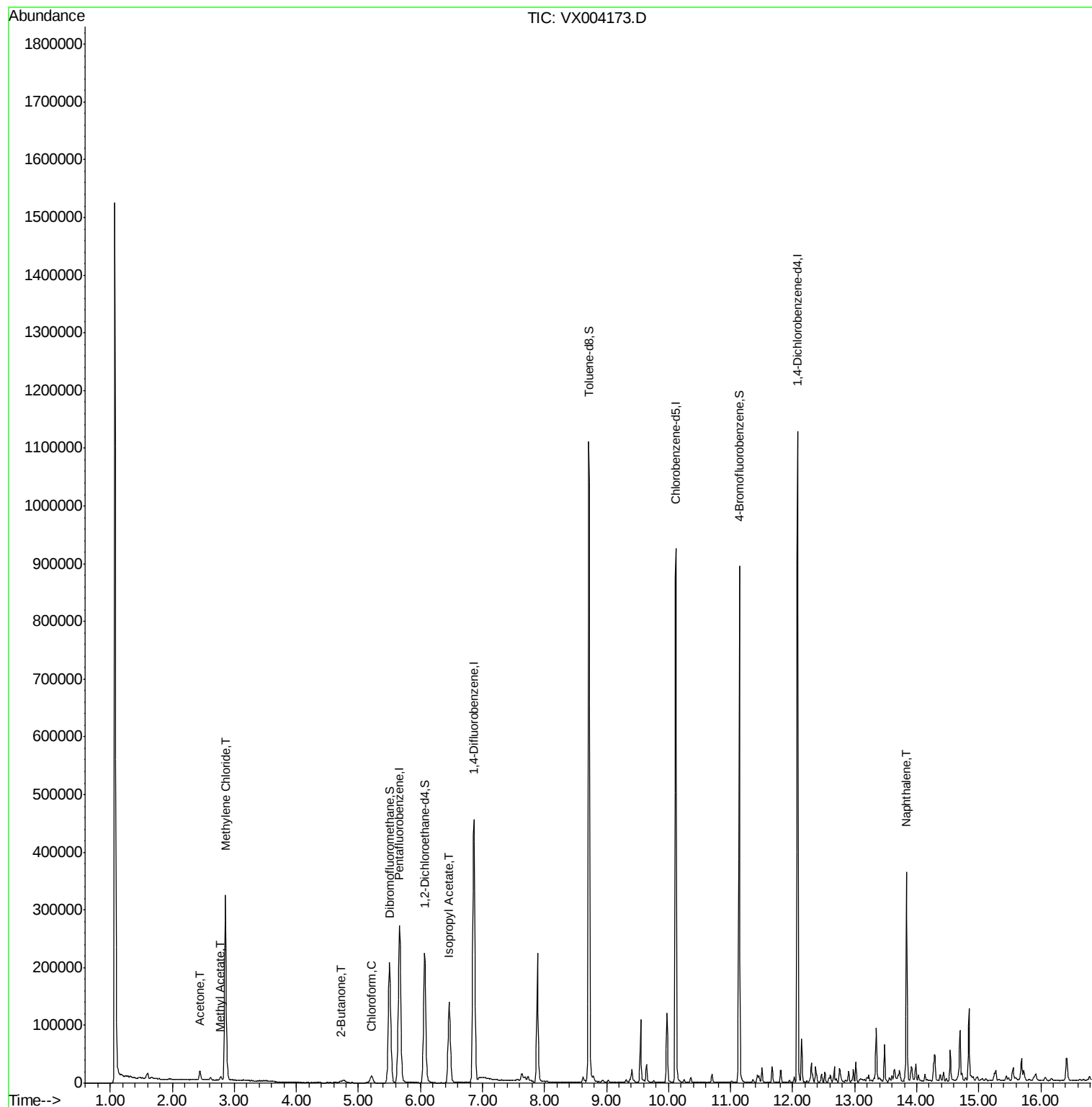
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	17109	8.44	ug/l	99
18) Methyl Acetate	2.78	43	7438	1.65	ug/l	99
20) Methylene Chloride	2.86	84	149726	45.14	ug/l	99
25) 2-Butanone	4.71	43	4399	1.33	ug/l #	82
30) Chloroform	5.21	83	13836	2.31	ug/l	97
43) Isopropyl Acetate	6.46	43	182506	21.27	ug/l	99
95) Naphthalene	13.83	128	221730	14.07	ug/l	99

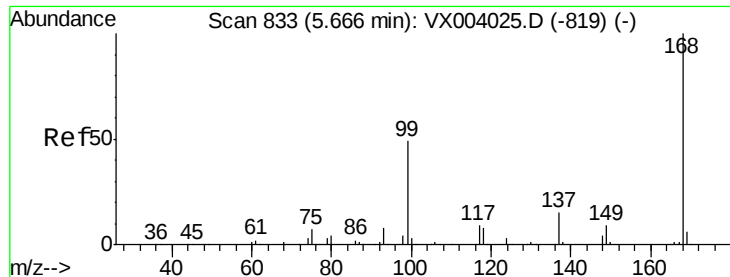
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX004173.D

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MSVOA_X

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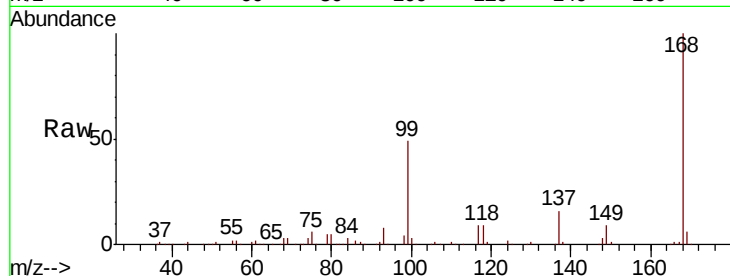
HR-06-082018-B

Tot Ion:168 Resp: 276658

Ion Ratio Lower Upper

168 100

99 49.3 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

100000

80000

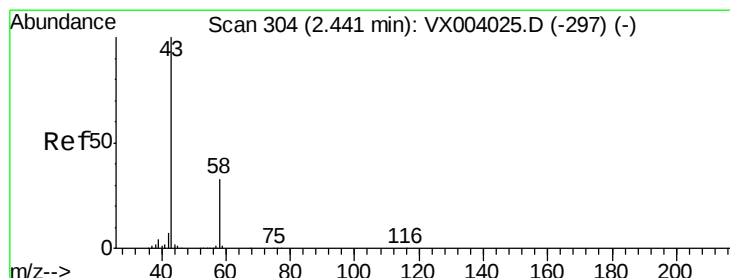
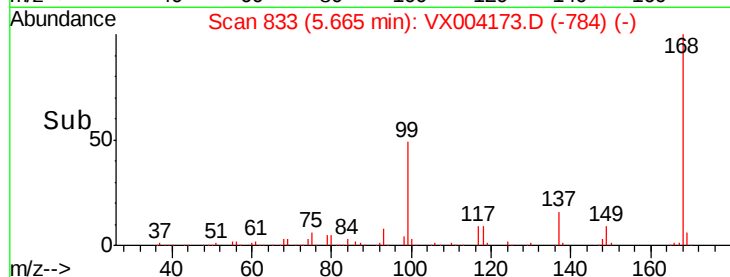
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.44 ug/l

RT: 2.44 min Scan# 304

Delta R.T. -0.00 min

Lab File: VX004173.D

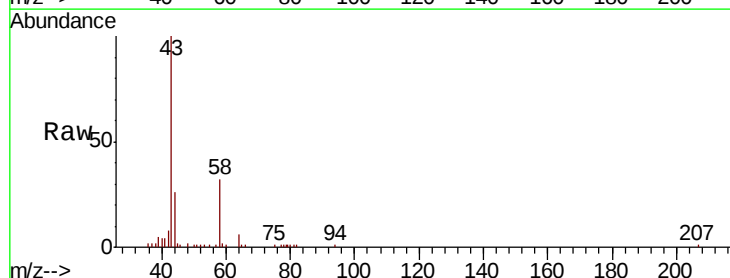
Acq: 21 Aug 2018 14:05

Tgt Ion: 43 Resp: 17109

Ion Ratio Lower Upper

43 100

58 32.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

12000

10000

8000

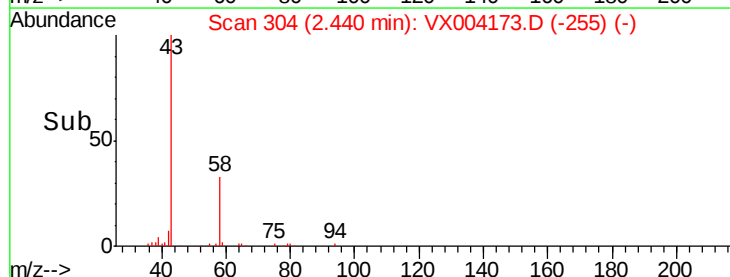
6000

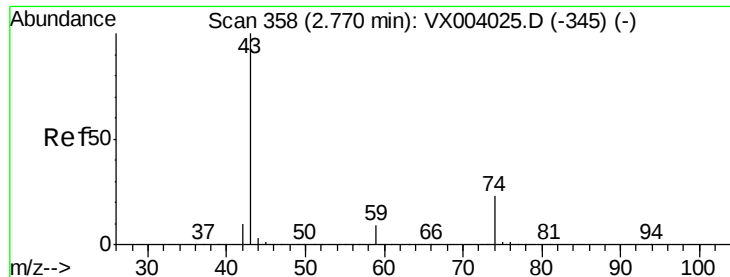
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

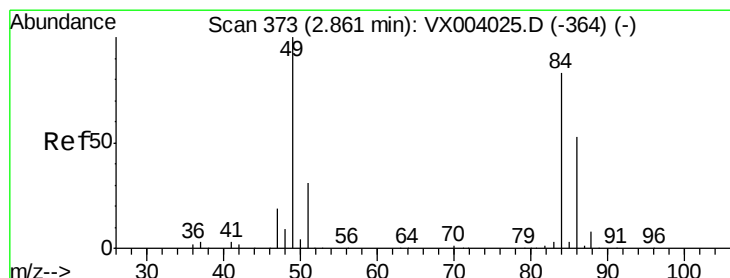
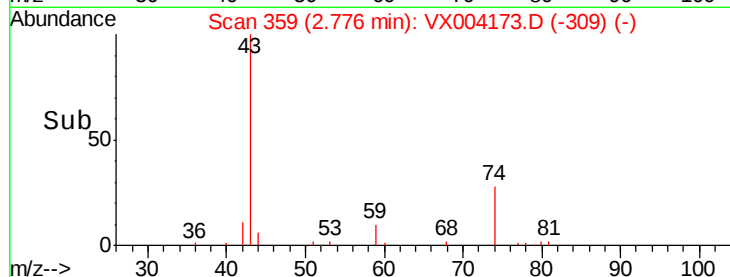
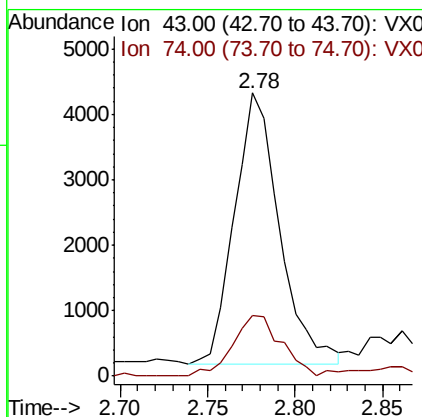
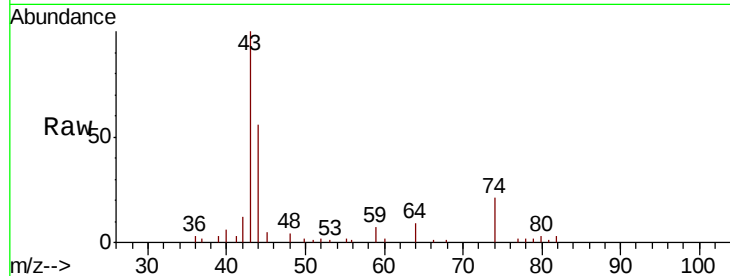




#18
Methyl Acetate
Concen: 1.65 ug/l
RT: 2.78 min Scan# 359
Delta R.T. 0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

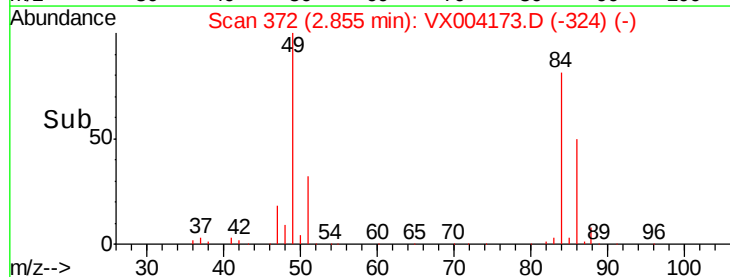
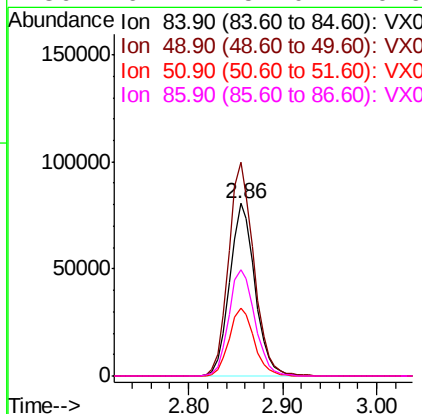
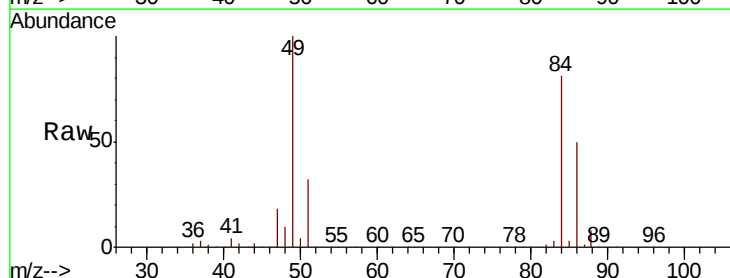
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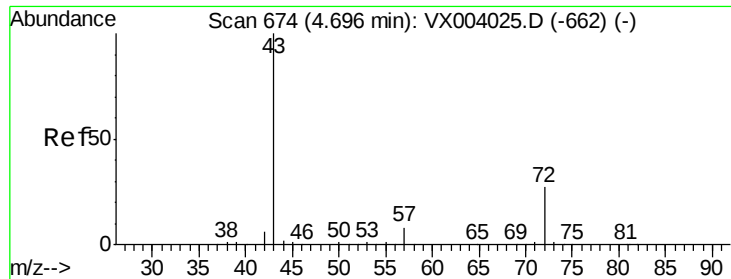
Tot Ion: 43 Resp: 7438
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3



#20
Methylene Chloride
Concen: 45.14 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion: 84 Resp: 149726
Ion Ratio Lower Upper
84 100
49 123.9 98.9 148.3
51 39.3 29.9 44.9
86 61.7 51.0 76.6





#25

2-Butanone

Concen: 1.33 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.02 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

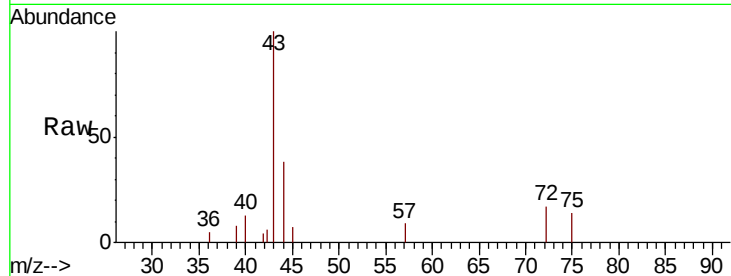
HR-06-082018-B

Tot Ion: 43 Resp: 4399

Ion Ratio Lower Upper

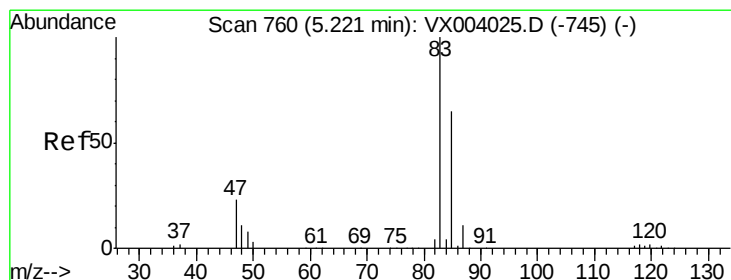
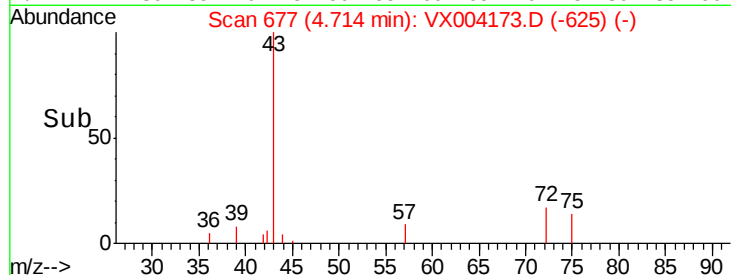
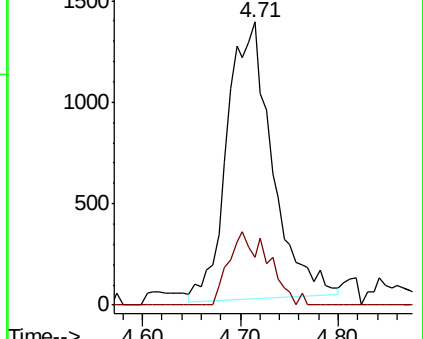
43 100

72 17.4 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: 2.31 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004173.D

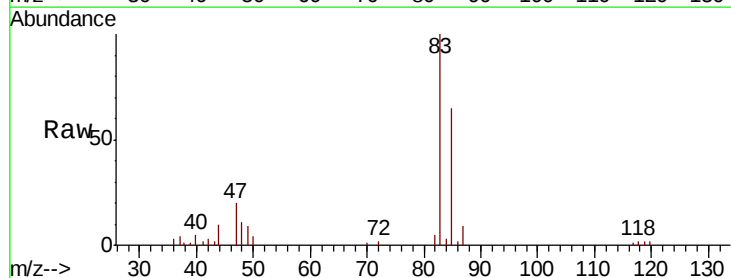
Acq: 21 Aug 2018 14:05

Tgt Ion: 83 Resp: 13836

Ion Ratio Lower Upper

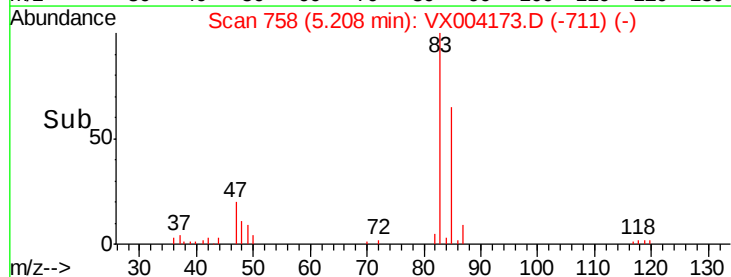
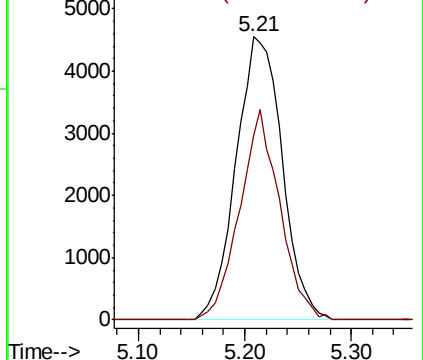
83 100

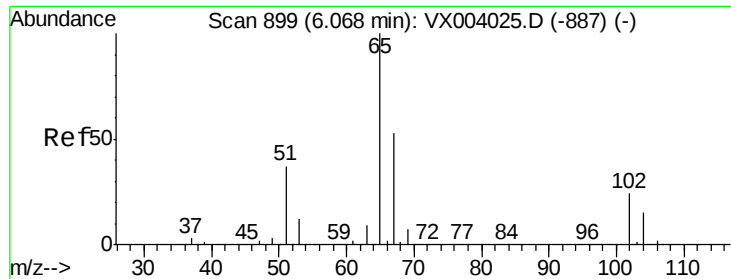
85 65.4 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

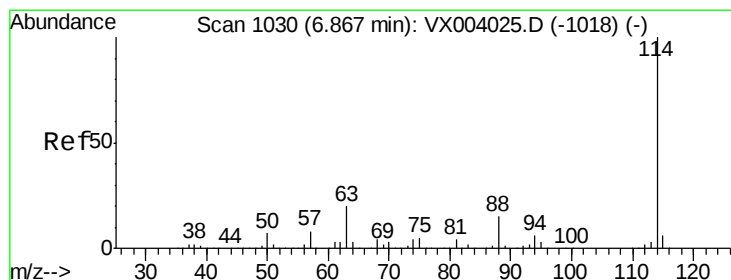
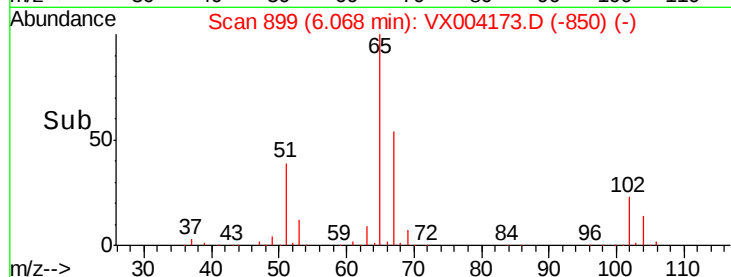
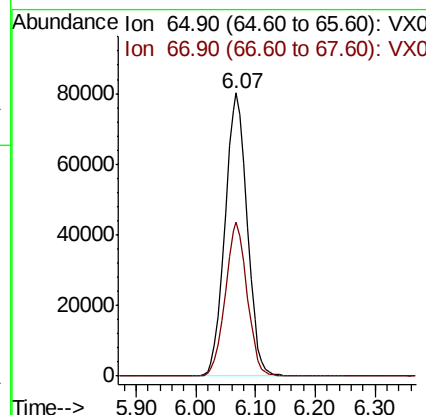
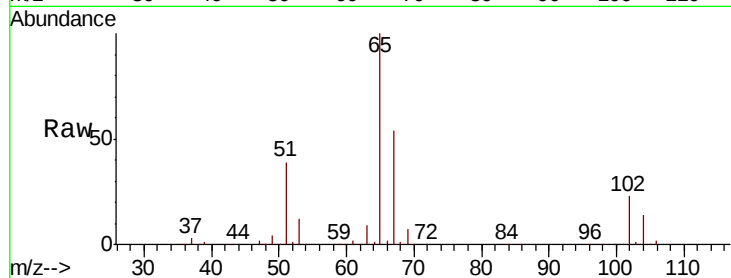




#33
 1,2-Dichloroethane-d4
 Concen: 53.19 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

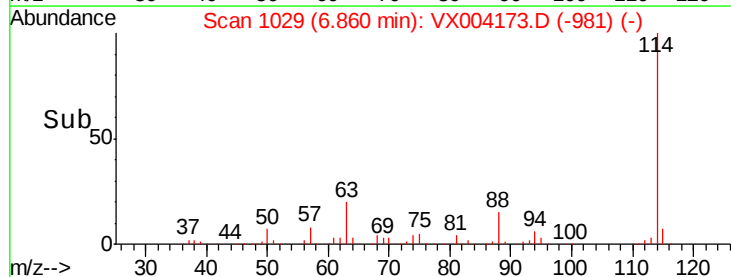
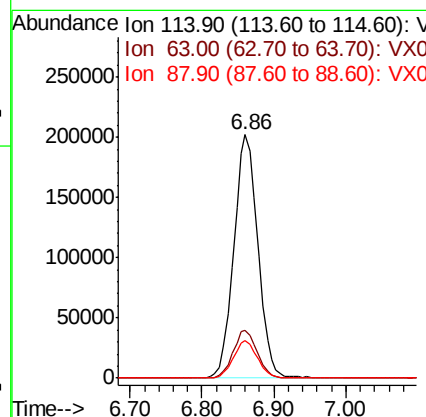
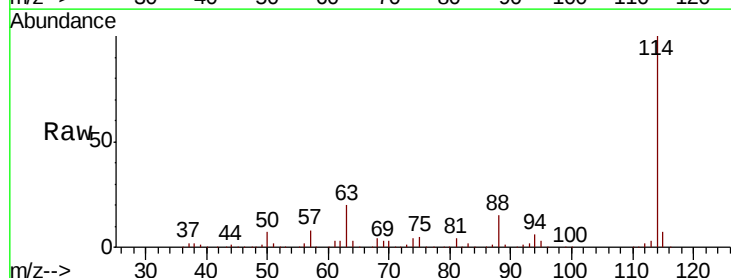
Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-B

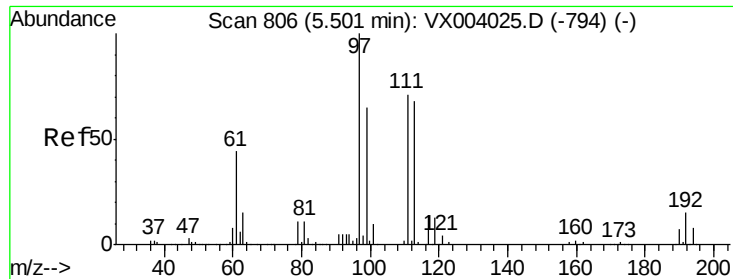
Tot Ion: 65 Resp: 207327
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Tgt Ion: 114 Resp: 469726
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.5 0.0 32.0

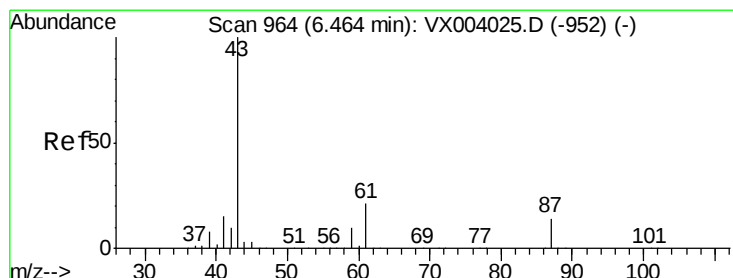
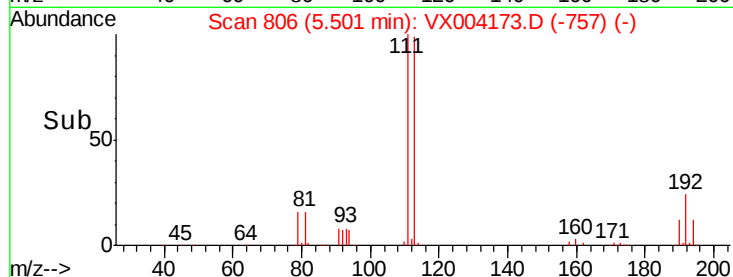
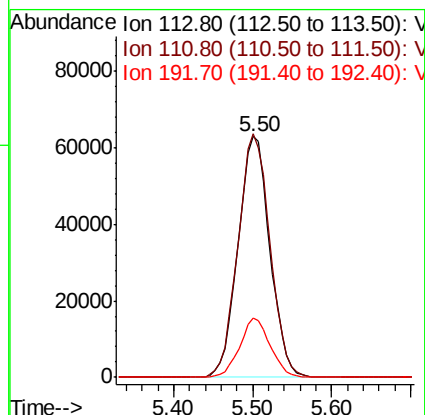
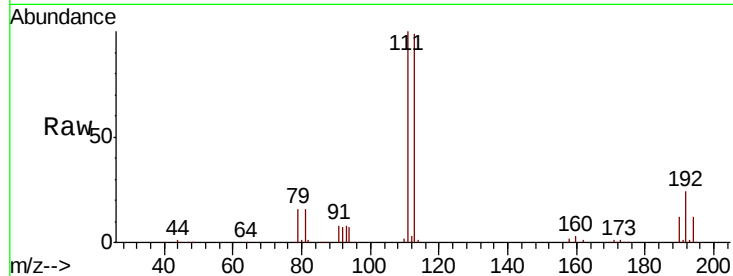




#35
 Dibromofluoromethane
 Concen: 50.23 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

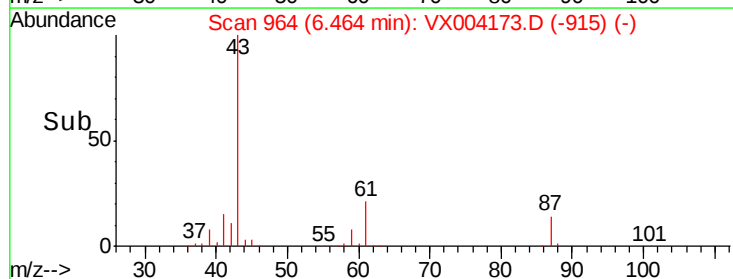
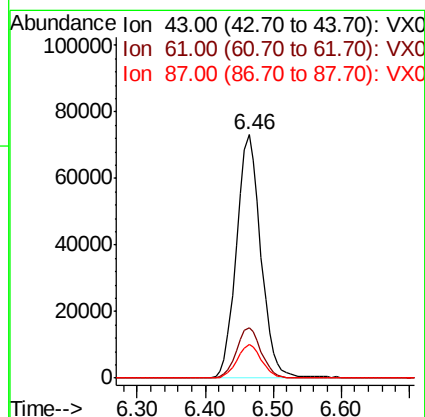
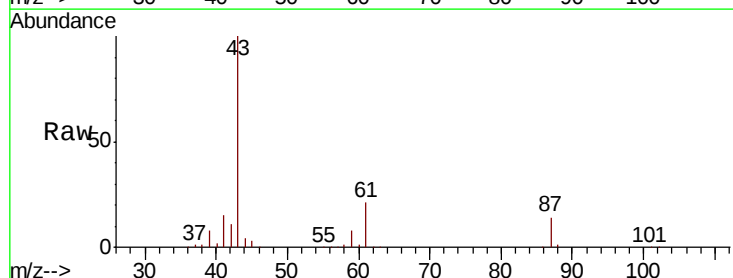
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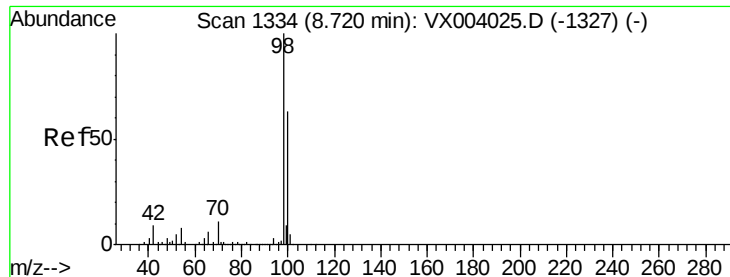
Tot Ion:113 Resp: 176576
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.0 123.0
 192 23.5 19.0 28.4



#43
 Isopropyl Acetate
 Concen: 21.27 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Tgt Ion: 43 Resp: 182506
 Ion Ratio Lower Upper
 43 100
 61 20.9 16.9 25.3
 87 13.8 11.3 16.9





#50

Toluene-d8

Concen: 46.72 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

Instrument :

MSVOA_X

ClientSampleId :

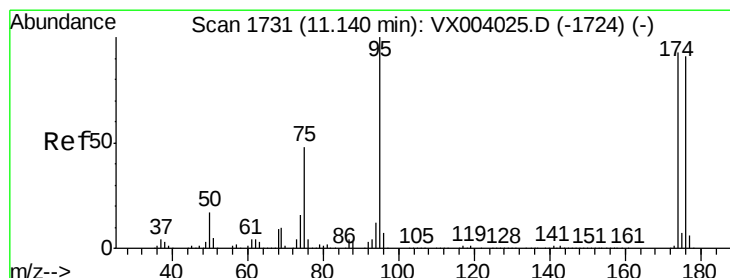
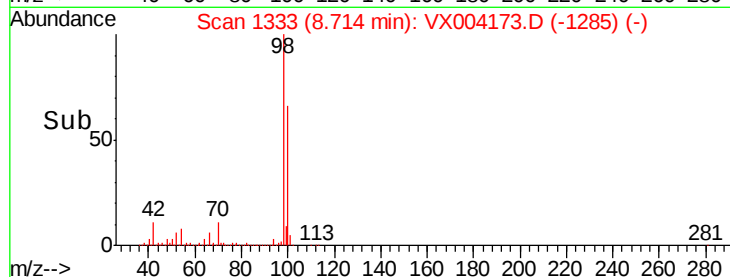
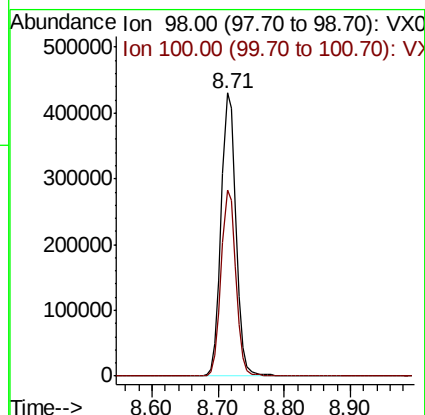
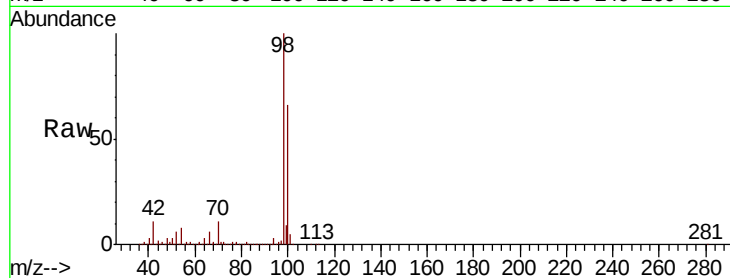
HR-06-082018-B

Tot Ion: 98 Resp: 665920

Ion Ratio Lower Upper

98 100

100 65.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 44.04 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004173.D

Acq: 21 Aug 2018 14:05

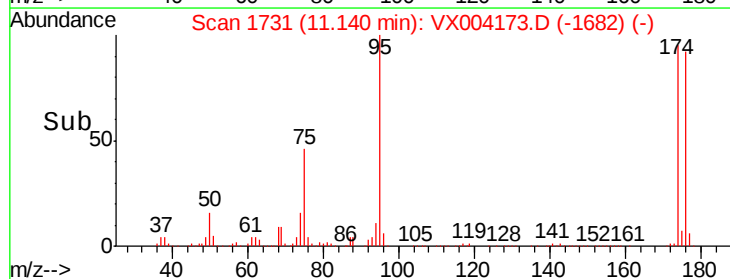
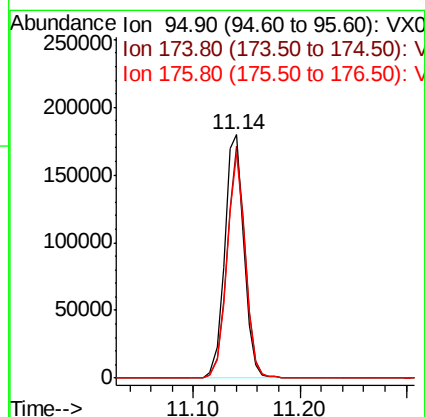
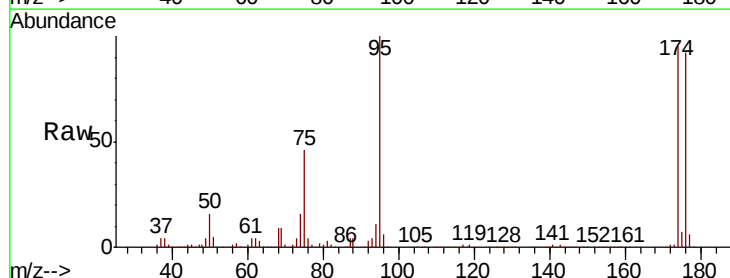
Tgt Ion: 95 Resp: 227673

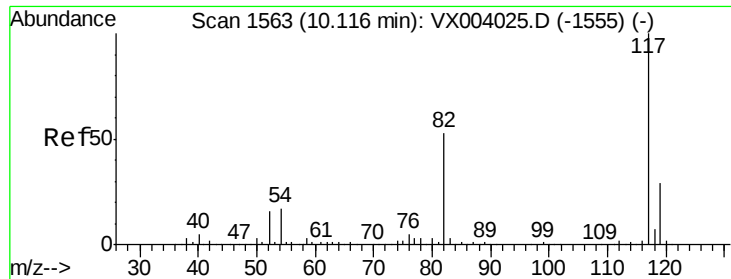
Ion Ratio Lower Upper

95 100

174 90.3 0.0 182.8

176 87.2 0.0 179.0

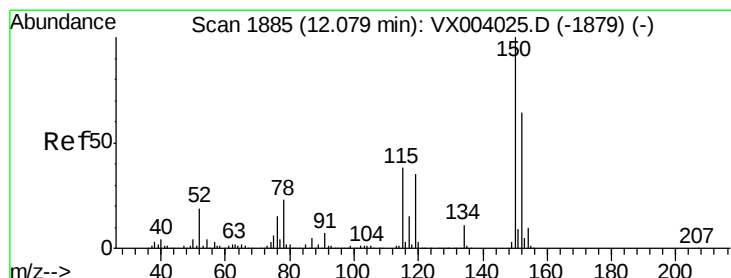
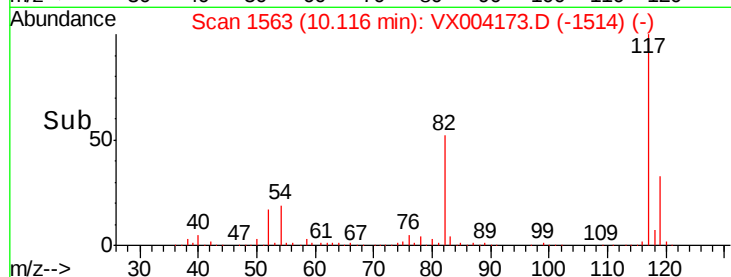
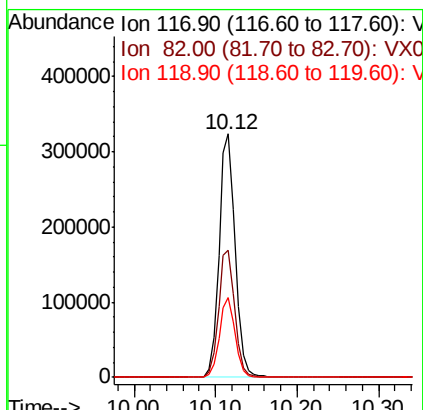
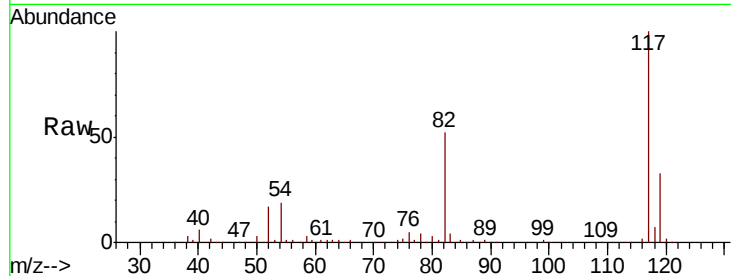




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

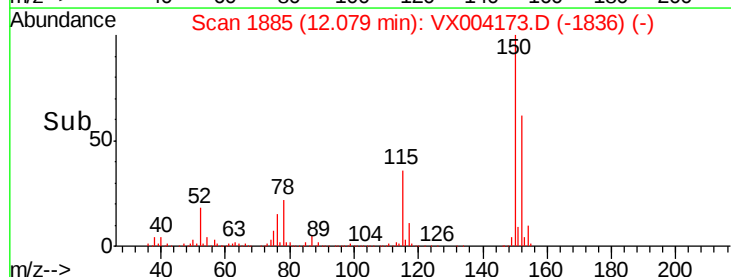
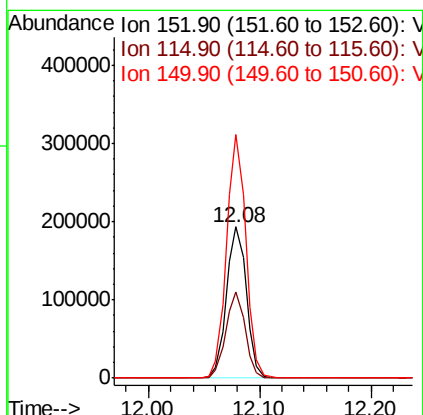
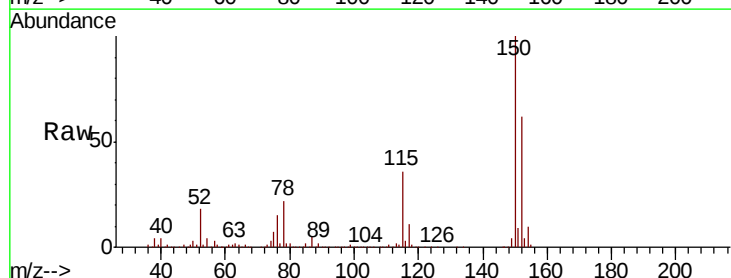
Instrument :
MSVOA_X
ClientSampleId :
HR-06-082018-B

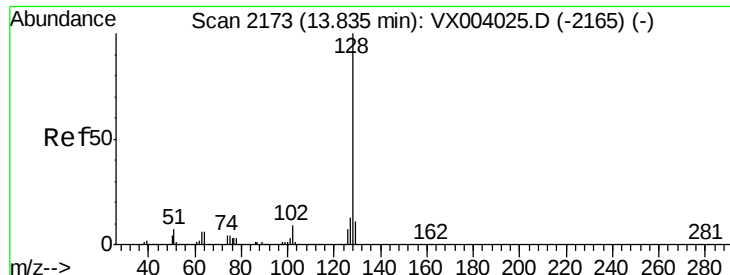
Tot Ion:117 Resp: 445551
Ion Ratio Lower Upper
117 100
82 52.5 45.4 68.0
119 33.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004173.D
Acq: 21 Aug 2018 14:05

Tgt Ion:152 Resp: 239652
Ion Ratio Lower Upper
152 100
115 55.0 39.1 117.3
150 156.3 0.0 349.2





#95
 Naphthalene
 Concen: 14.07 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX004173.D
 Acq: 21 Aug 2018 14:05

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-082018-B

Tot Ion:128	Resp:	221730
Ion	Ratio	Lower Upper
128	100	
127	13.0	10.2 15.2
129	11.4	8.8 13.2

