

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073118\
 Data File : VX003779.D
 Acq On : 01 Aug 2018 05:09
 Operator : JC/SP
 Sample : J4143-04
 Misc : 5.25G/5.0mL/MSVOA_X/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(11-13)

Quant Time: Aug 01 18:59:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

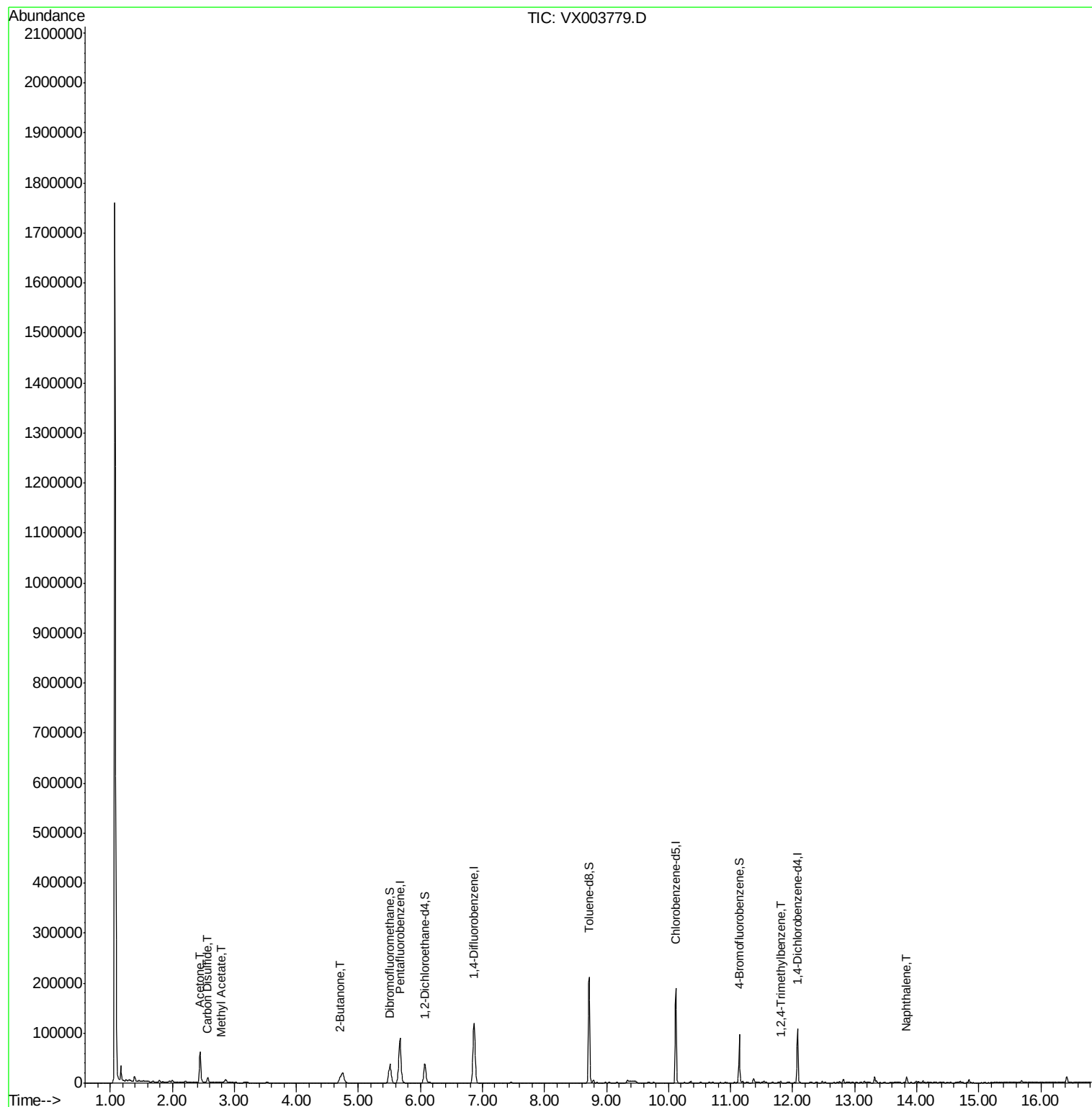
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	82504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	125717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	88347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	22958	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	36250	43.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.88%	
35) Dibromofluoromethane	5.51	113	31660	42.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.54%	
50) Toluene-d8	8.72	98	130202	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
62) 4-Bromofluorobenzene	11.14	95	24924	21.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.80%	
Target Compounds						
16) Acetone	2.45	43	63169	198.192	ug/l	99
17) Carbon Disulfide	2.57	76	12529	5.222	ug/l	99
18) Methyl Acetate	2.78	43	1383	1.544	ug/l #	90
25) 2-Butanone	4.70	43	18024	38.792	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	1305	1.033	ug/l	90
95) Naphthalene	13.83	128	7997	6.683	ug/l	99

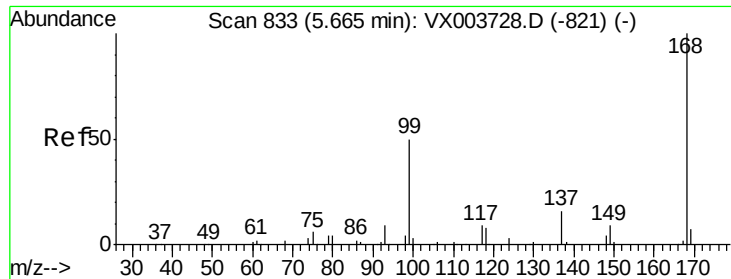
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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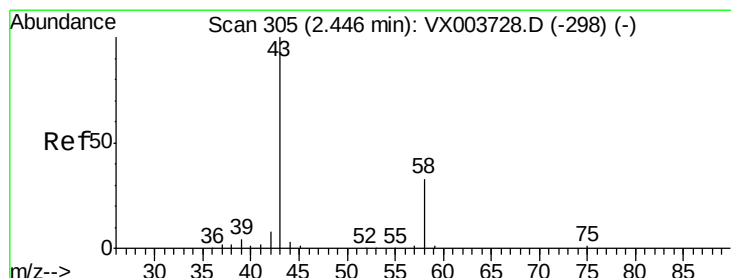
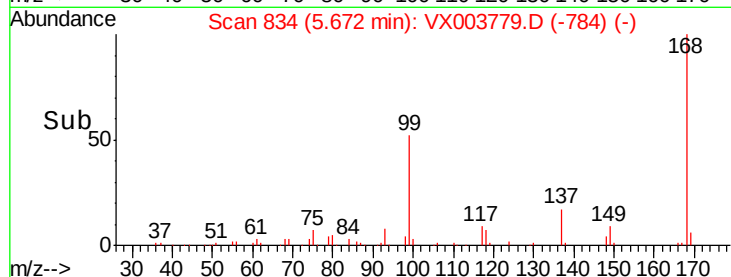
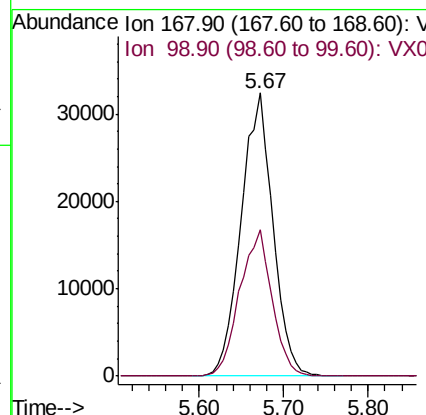
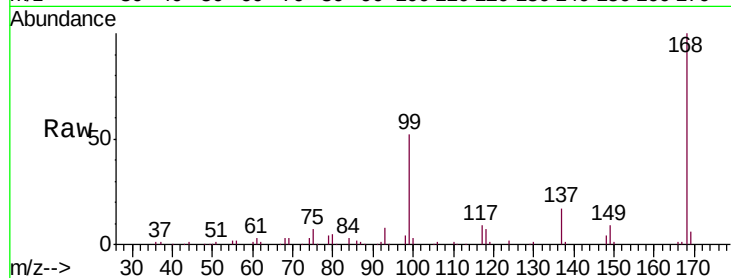




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003779.D
Acq: 01 Aug 2018 05:09

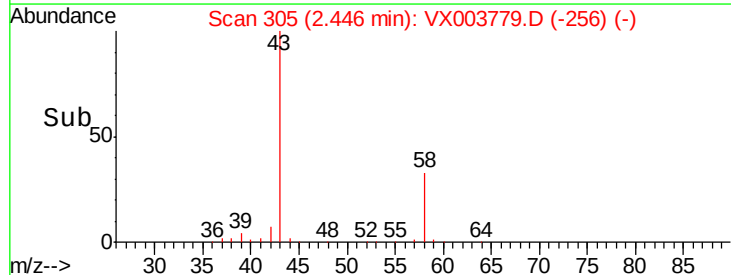
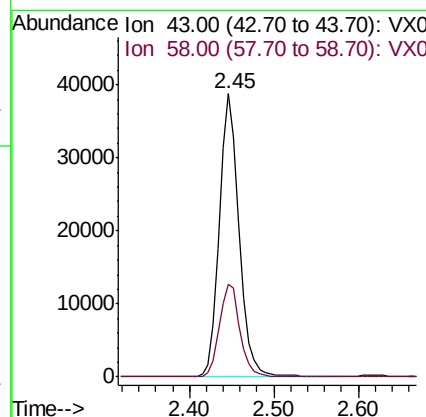
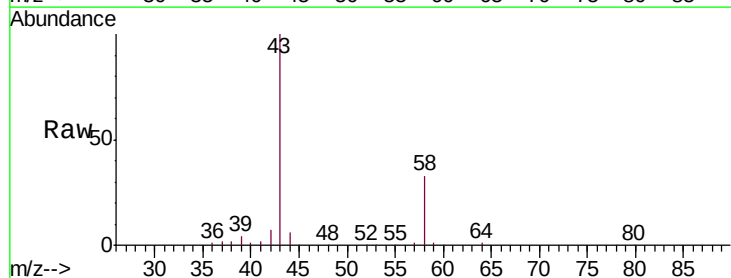
Instrument :
MSVOA_X
ClientSampleId :
SB-1(11-13)

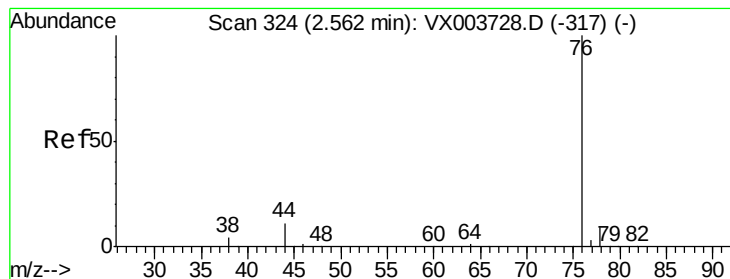
Tgt Ion:168 Resp: 82504
Ion Ratio Lower Upper
168 100
99 51.9 40.2 60.2



#16
Acetone
Concen: 198.192 ug/l
RT: 2.45 min Scan# 305
Delta R.T. 0.00 min
Lab File: VX003779.D
Acq: 01 Aug 2018 05:09

Tgt Ion: 43 Resp: 63169
Ion Ratio Lower Upper
43 100
58 32.7 26.7 40.1





#17

Carbon Disulfide

Concen: 5.222 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003779.D

Acq: 01 Aug 2018 05:09

Instrument :

MSVOA_X

ClientSampleId :

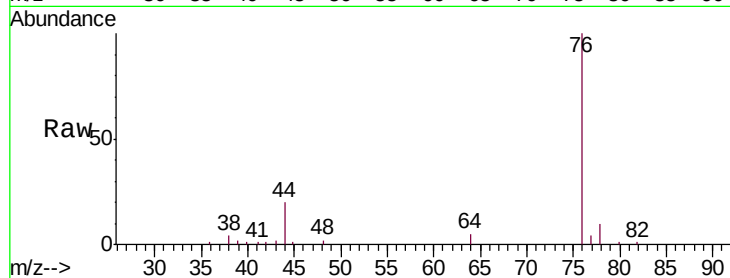
SB-1(11-13)

Tgt Ion: 76 Resp: 12529

Ion Ratio Lower Upper

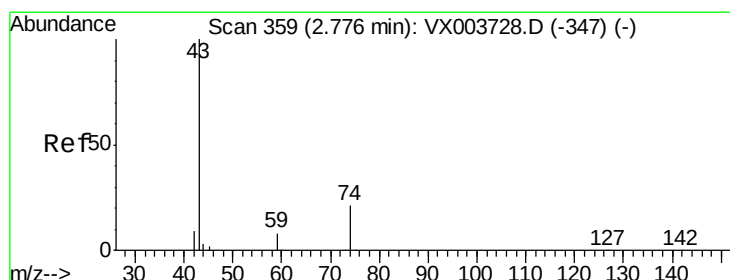
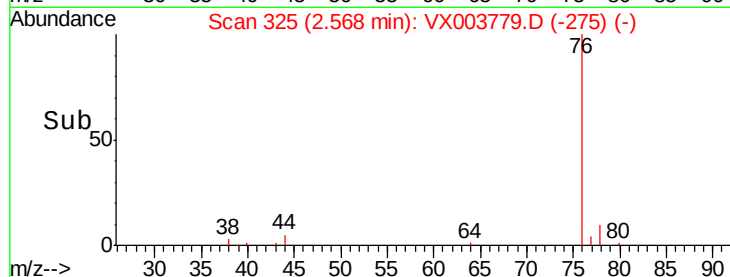
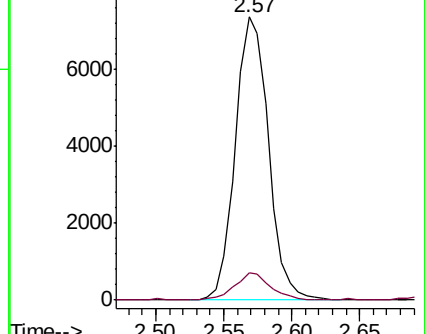
76 100

78 9.5 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.544 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX003779.D

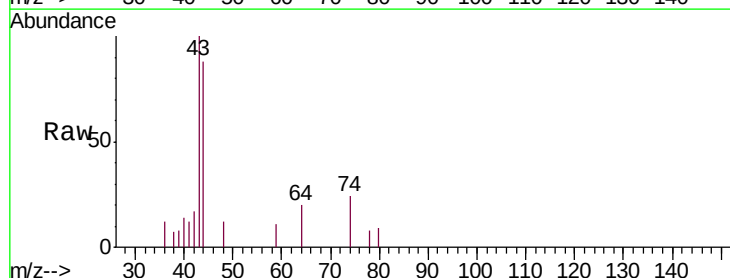
Acq: 01 Aug 2018 05:09

Tgt Ion: 43 Resp: 1383

Ion Ratio Lower Upper

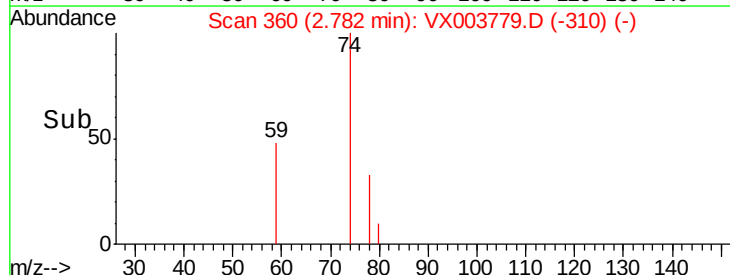
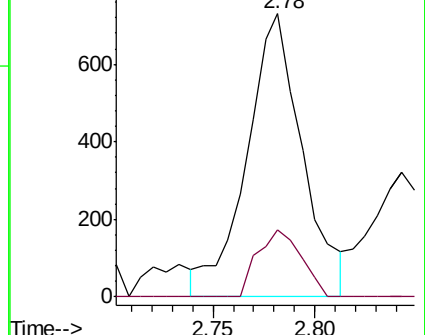
43 100

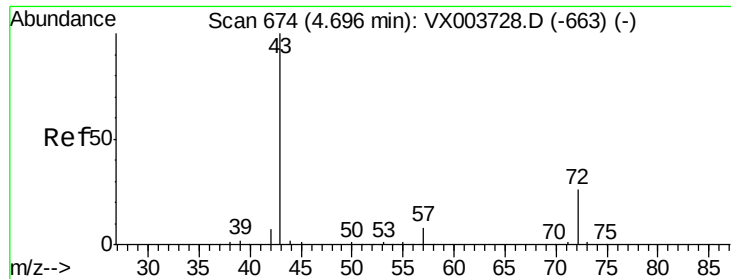
74 18.8 18.9 28.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 38.792 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.01 min

Lab File: VX003779.D

Acq: 01 Aug 2018 05:09

Instrument :

MSVOA_X

ClientSampled :

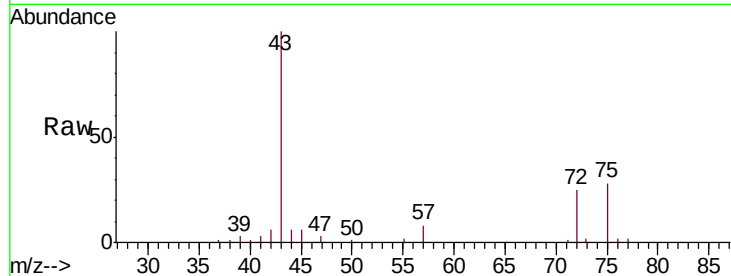
SB-1(11-13)

Tgt Ion: 43 Resp: 18024

Ion Ratio Lower Upper

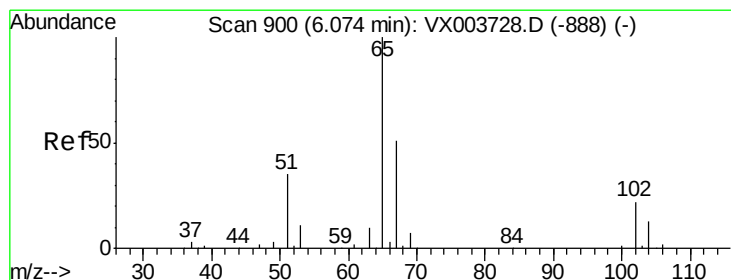
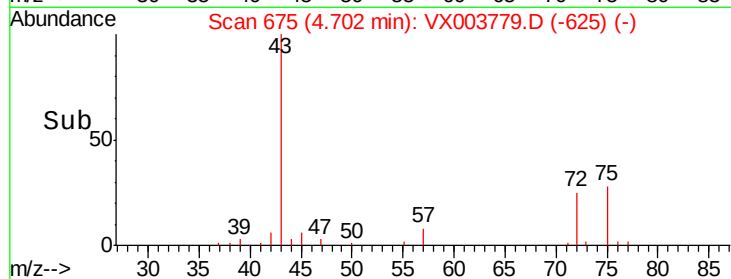
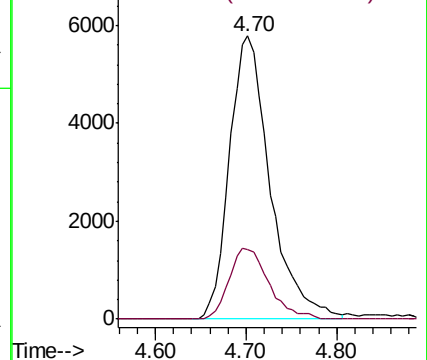
43 100

72 24.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 43.443 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003779.D

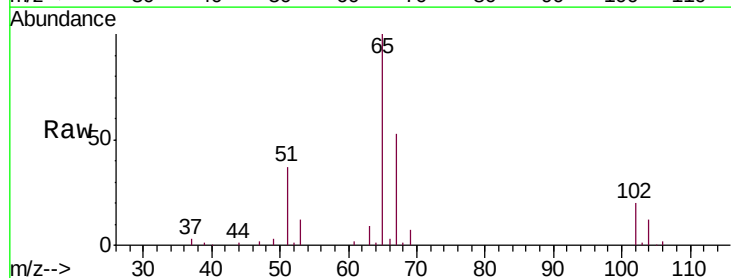
Acq: 01 Aug 2018 05:09

Tgt Ion: 65 Resp: 36250

Ion Ratio Lower Upper

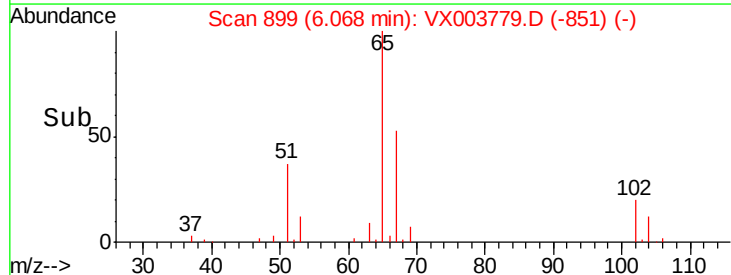
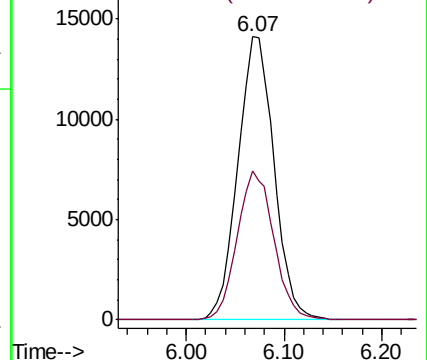
65 100

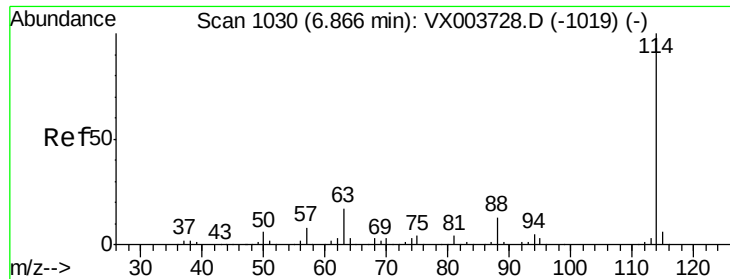
67 53.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

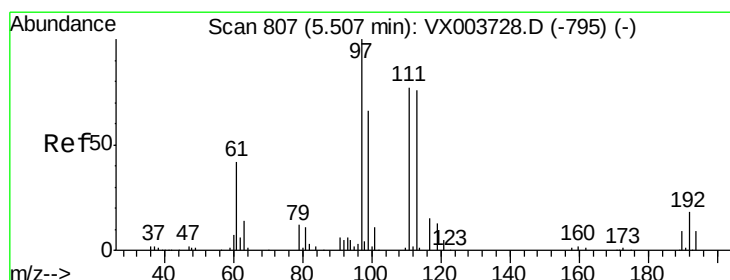
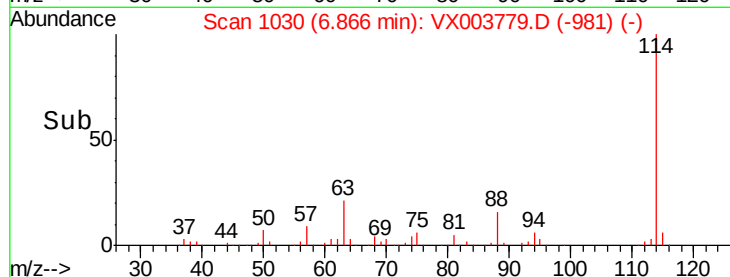
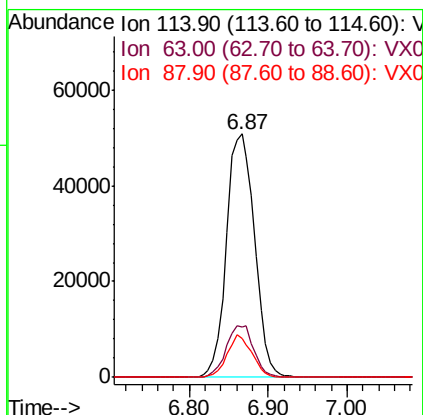
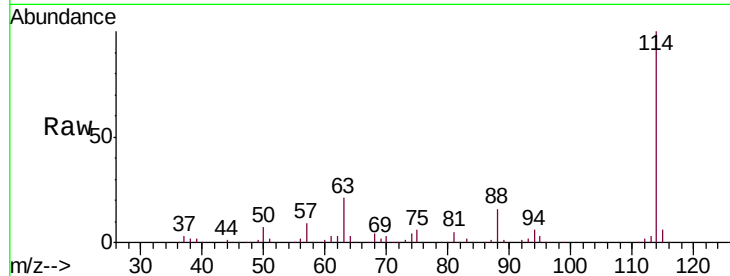




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003779.D
 Acq: 01 Aug 2018 05:09

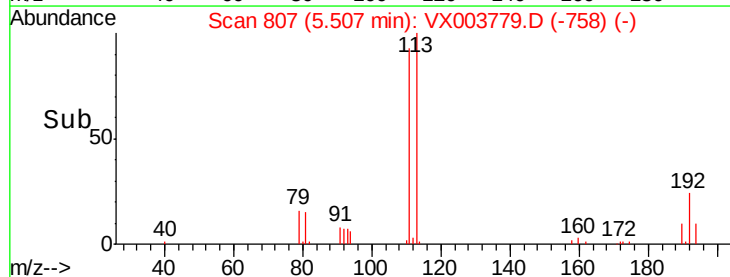
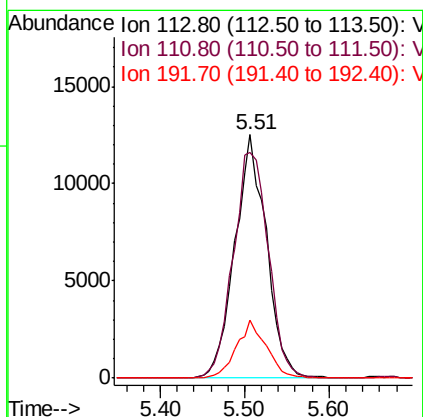
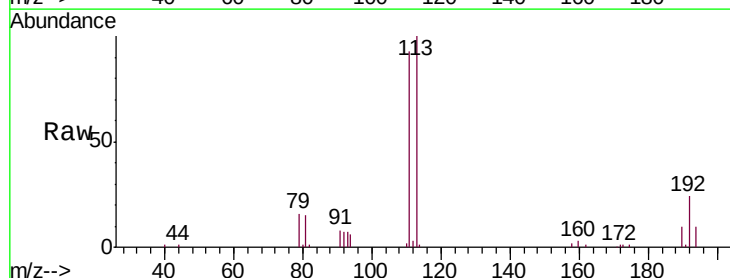
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(11-13)

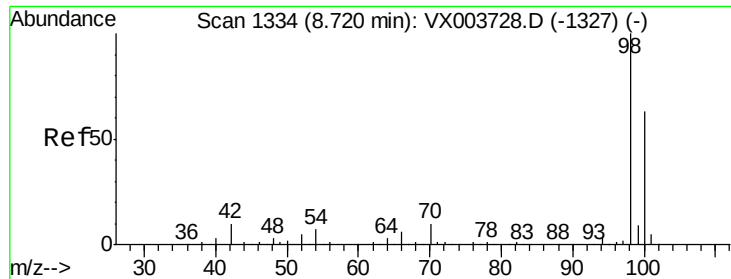
Tgt Ion:114 Resp: 125717
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 34.0
 88 15.9 0.0 26.4



#35
 Dibromofluoromethane
 Concen: 42.769 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003779.D
 Acq: 01 Aug 2018 05:09

Tgt Ion:113 Resp: 31660
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.8 122.6
 192 22.2 18.8 28.2

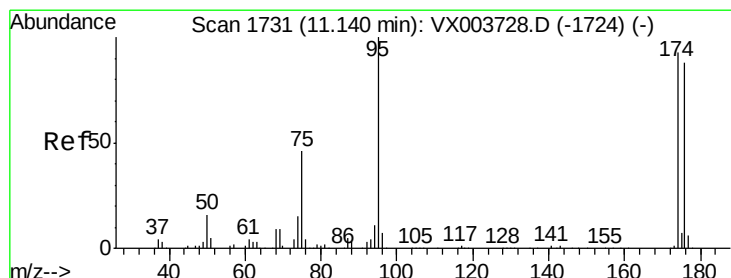
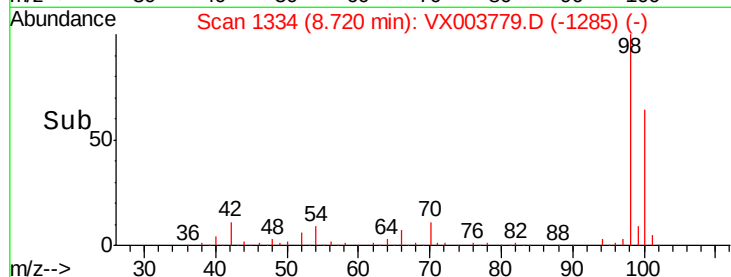
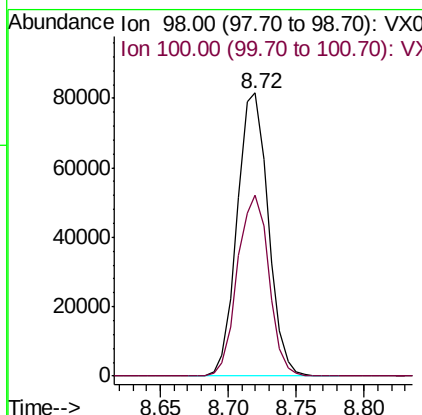
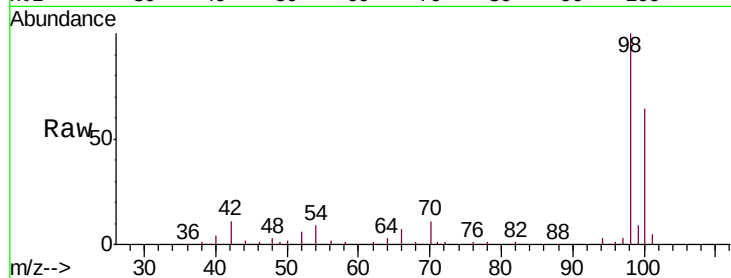




#50
Toluene-d8
Concen: 42.186 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003779.D
Acq: 01 Aug 2018 05:09

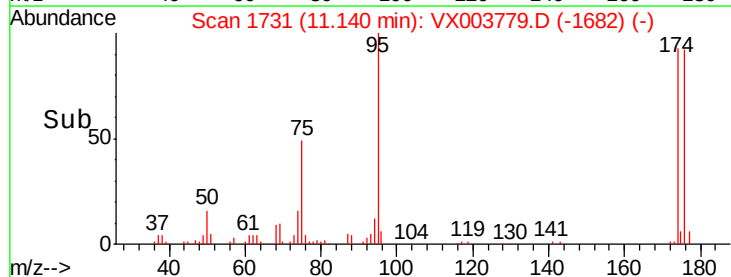
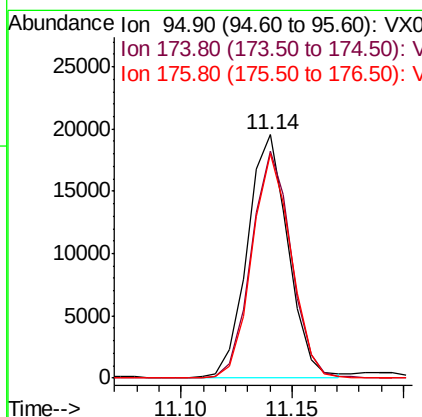
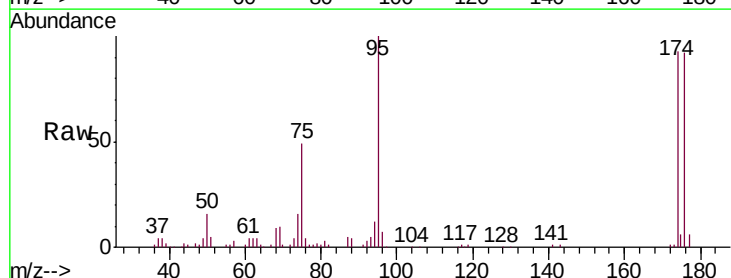
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ClientSampleId :
SB-1(11-13)

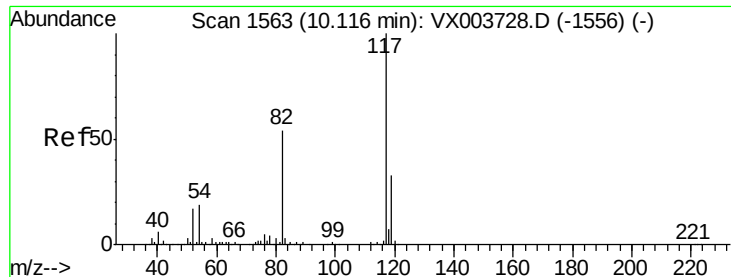
Tgt Ion: 98 Resp: 130202
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 21.902 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003779.D
Acq: 01 Aug 2018 05:09

Tgt Ion: 95 Resp: 24924
Ion Ratio Lower Upper
95 100
174 91.1 0.0 186.2
176 88.8 0.0 179.2

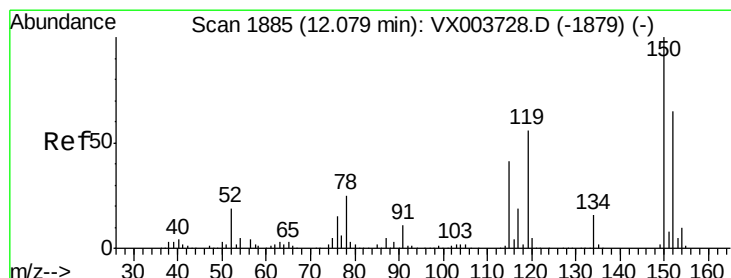
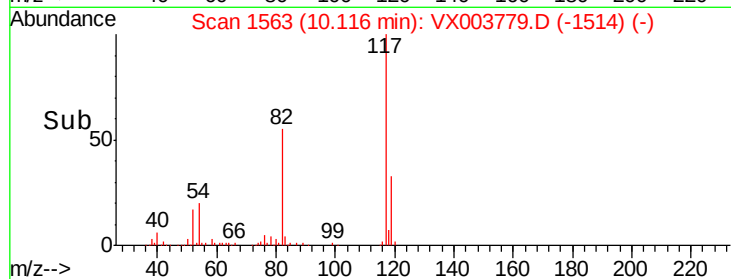
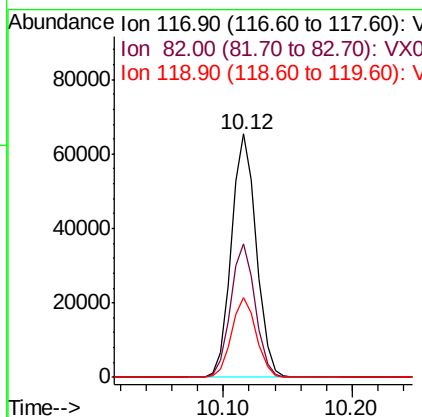
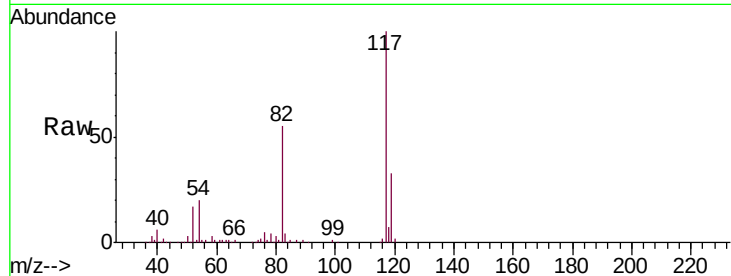




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003779.D
Acq: 01 Aug 2018 05:09

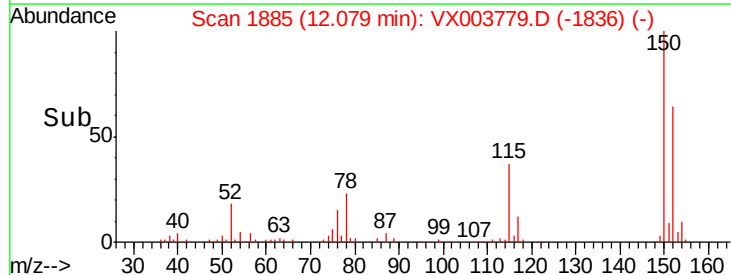
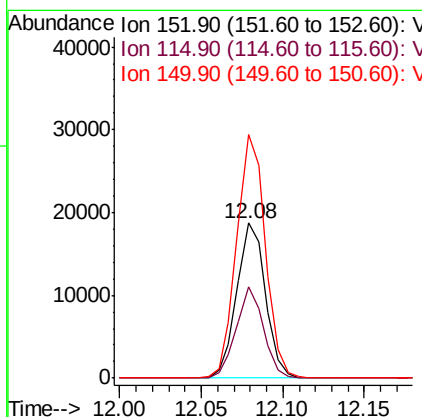
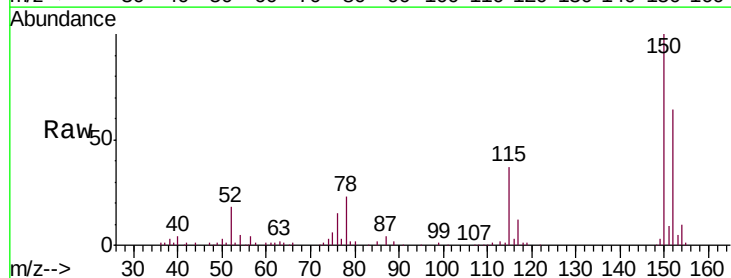
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SB-1(11-13)

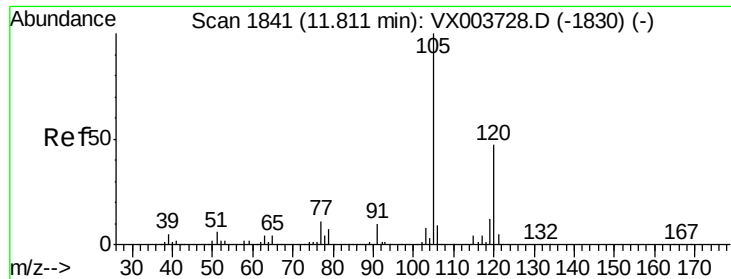
Tgt Ion:117 Resp: 88347
Ion Ratio Lower Upper
117 100
82 55.0 43.2 64.8
119 33.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003779.D
Acq: 01 Aug 2018 05:09

Tgt Ion:152 Resp: 22958
Ion Ratio Lower Upper
152 100
115 55.7 38.5 115.3
150 157.3 0.0 346.2

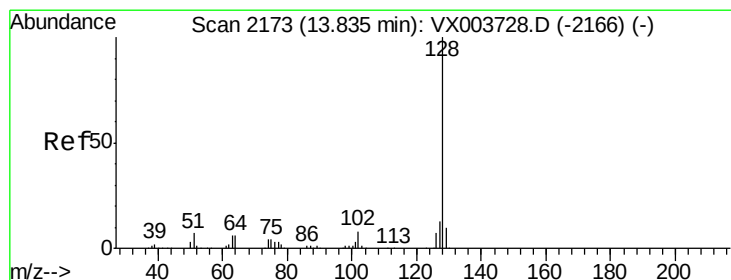
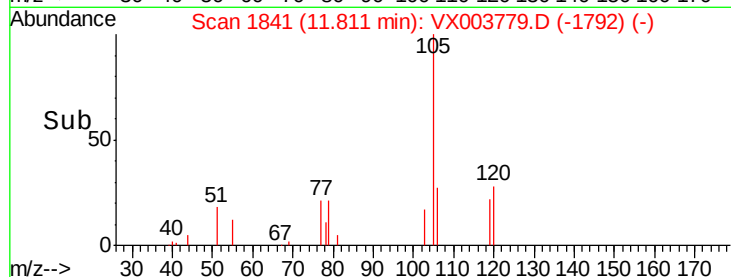
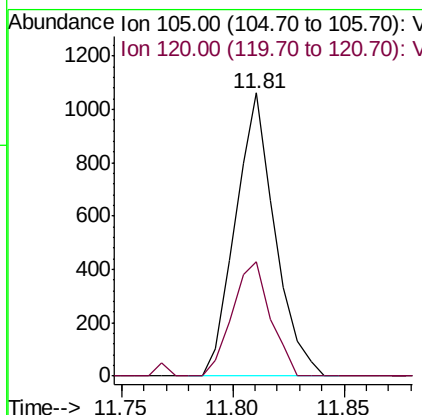
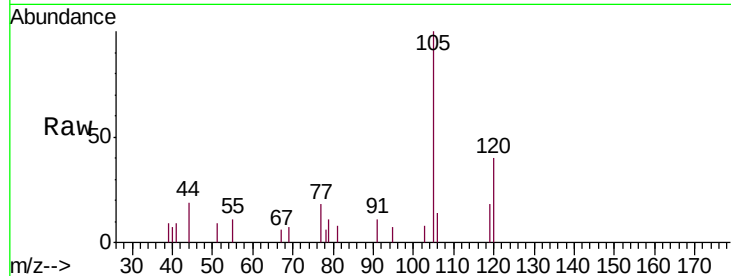




#84
 1,2,4-Trimethylbenzene
 Concen: 1.033 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003779.D
 Acq: 01 Aug 2018 05:09

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1(11-13)

Tgt Ion:105 Resp: 1305
 Ion Ratio Lower Upper
 105 100
 120 39.2 23.1 69.2



#95
 Naphthalene
 Concen: 6.683 ug/l
 RT: 13.83 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: VX003779.D
 Acq: 01 Aug 2018 05:09

Tgt Ion:128 Resp: 7997
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.2 15.2
 129 11.8 8.7 13.1

