

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020719\
 Data File : VX007425.D
 Acq On : 07 Feb 2019 15:09
 Operator : JC/SP
 Sample : K1401-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RBR-200050

Quant Time: Feb 08 22:32:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

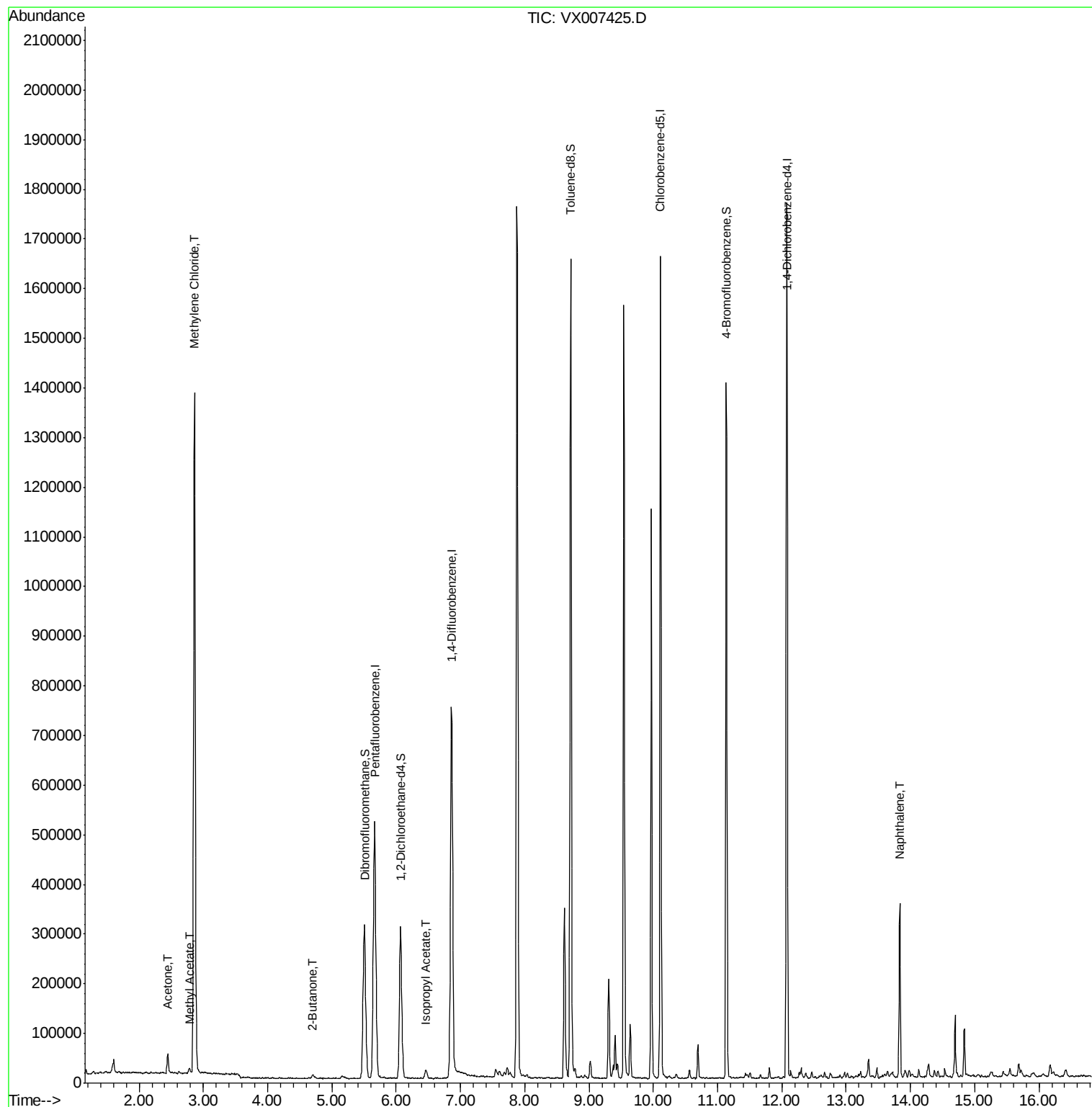
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	814327	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	794583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	386069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	285133	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
35) Dibromofluoromethane	5.51	113	260158	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	8.71	98	1000193	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.13	95	360432	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
Target Compounds						
16) Acetone	2.45	43	42714	16.806	ug/l	100
18) Methyl Acetate	2.78	43	13525	2.611	ug/l	92
20) Methylene Chloride	2.86	84	626663	121.273	ug/l	97
25) 2-Butanone	4.71	43	13127	3.629	ug/l #	80
43) Isopropyl Acetate	6.46	43	20956	1.838	ug/l #	90
95) Naphthalene	13.83	128	222733	8.555	ug/l	99

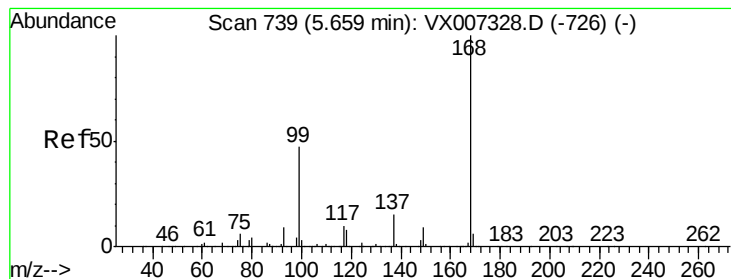
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

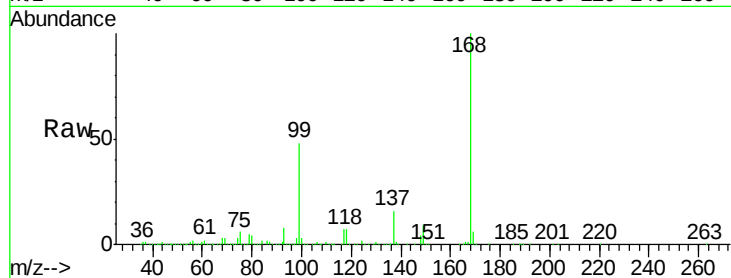
RBR-200050

Tot Ion:168 Resp: 522735

Ion Ratio Lower Upper

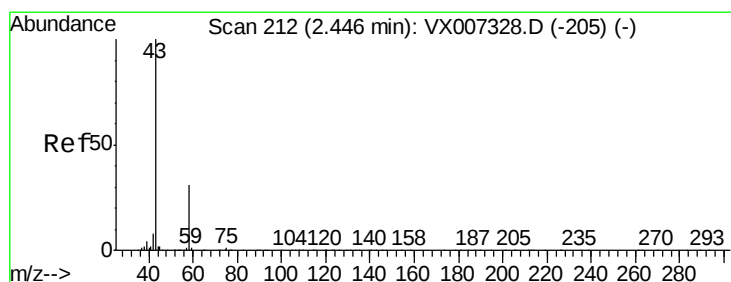
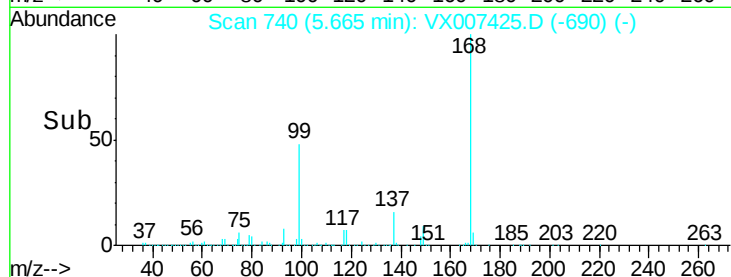
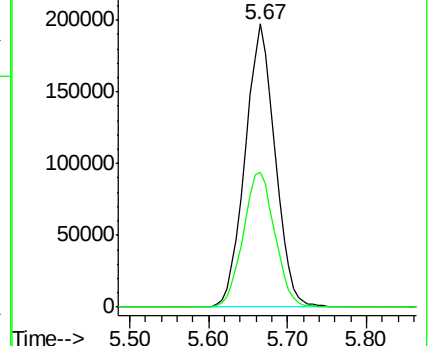
168 100

99 47.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 16.806 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007425.D

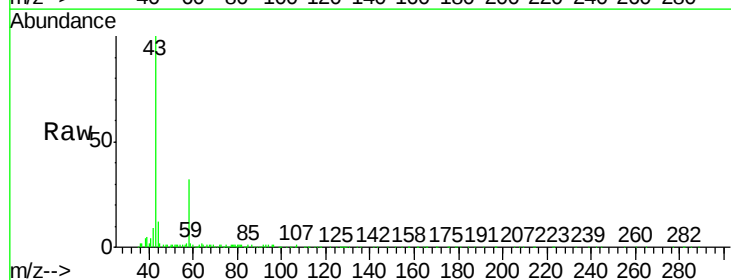
Acq: 07 Feb 2019 15:09

Tgt Ion: 43 Resp: 42714

Ion Ratio Lower Upper

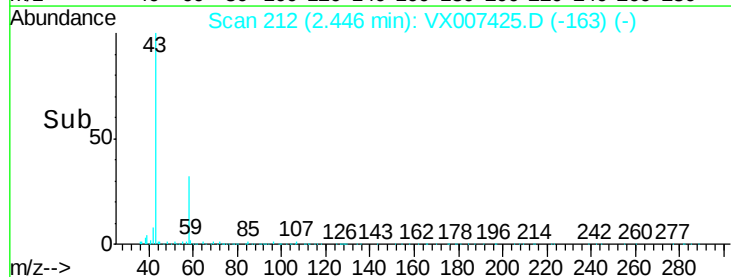
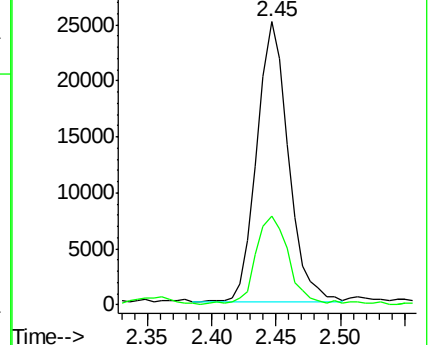
43 100

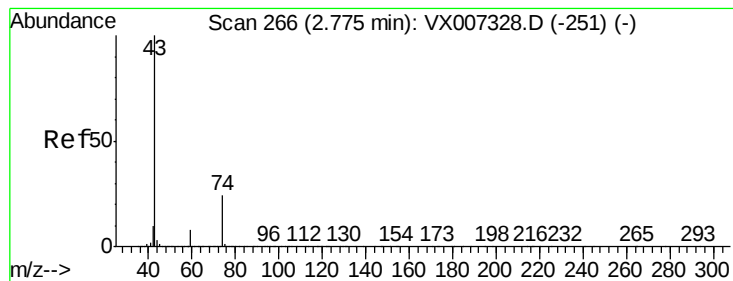
58 31.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 2.611 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

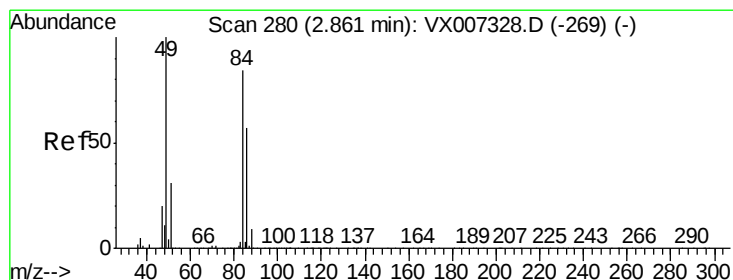
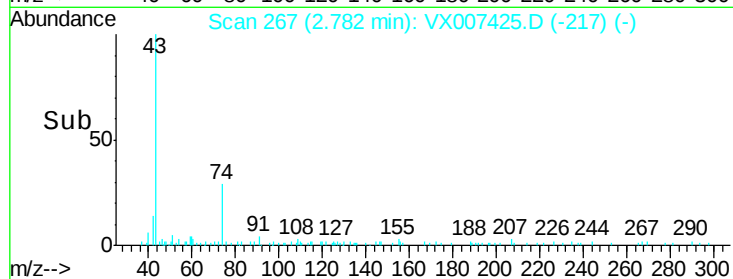
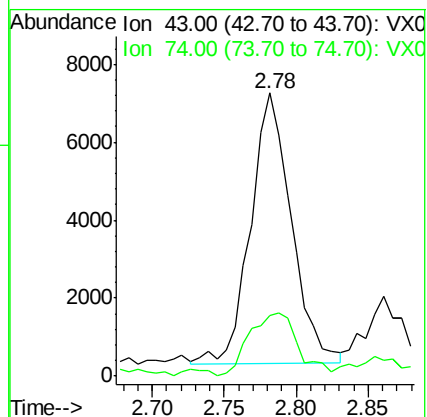
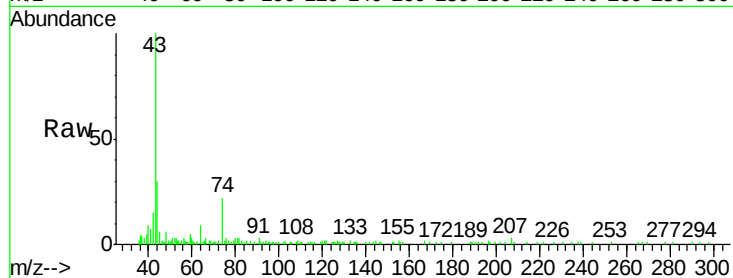
RBR-200050

Tot Ion: 43 Resp: 13525

Ion Ratio Lower Upper

43 100

74 28.1 19.4 29.2



#20

Methylene Chloride

Concen: 121.273 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

Tgt Ion: 84 Resp: 626663

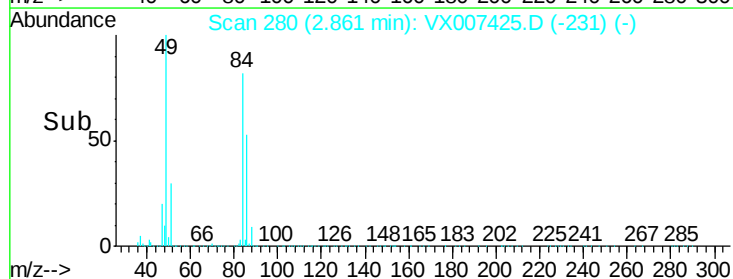
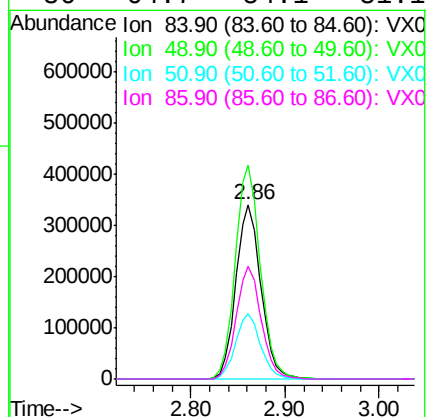
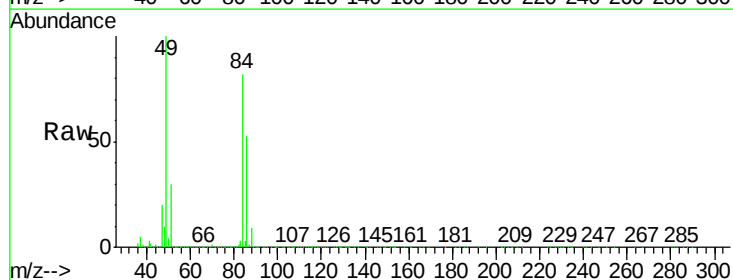
Ion Ratio Lower Upper

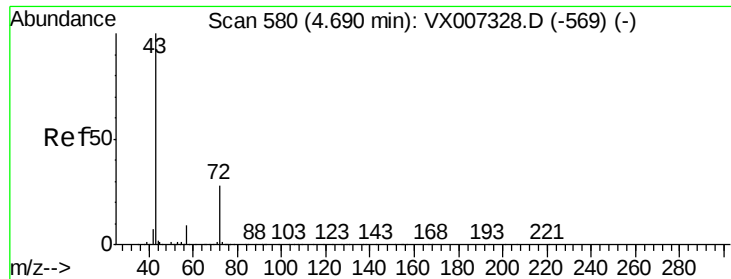
84 100

49 122.4 94.8 142.2

51 37.3 29.8 44.8

86 64.7 54.1 81.1





#25

2-Butanone

Concen: 3.629 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.02 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

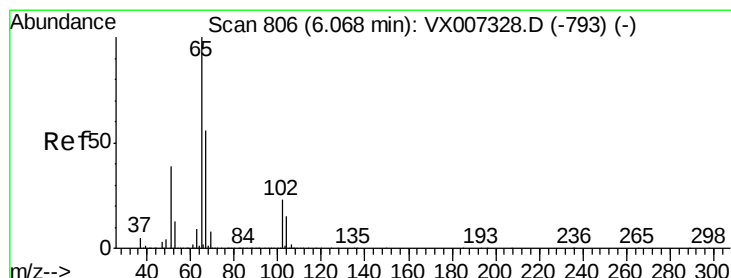
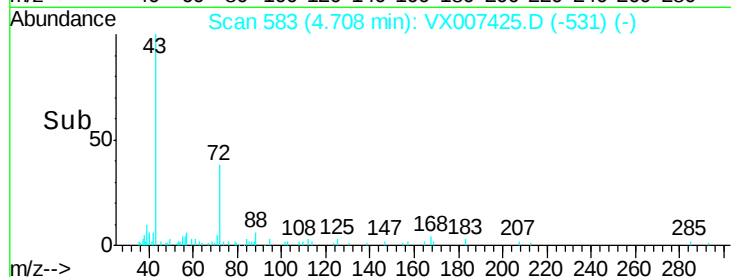
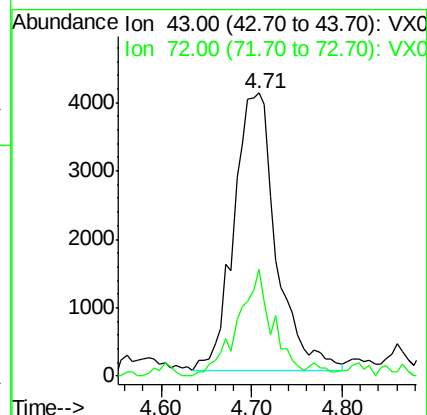
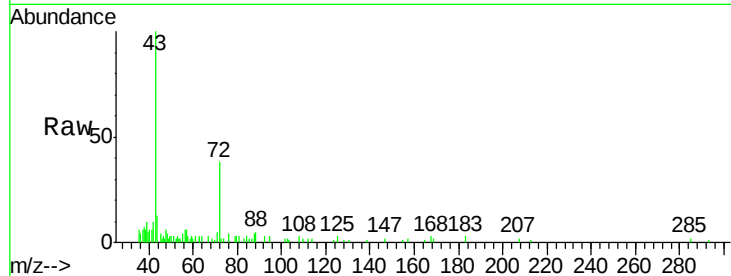
RBR-200050

Tot Ion: 43 Resp: 13127

Ion Ratio Lower Upper

43 100

72 38.3 22.2 33.2#



#33

1,2-Dichloroethane-d4

Concen: 51.390 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007425.D

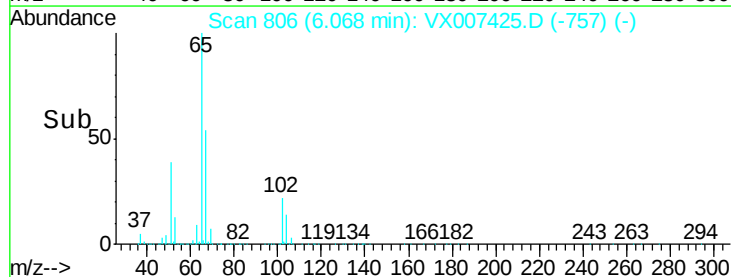
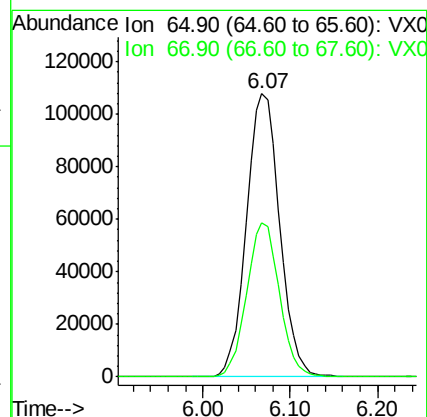
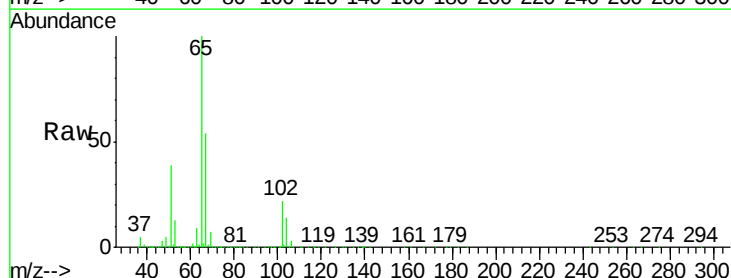
Acq: 07 Feb 2019 15:09

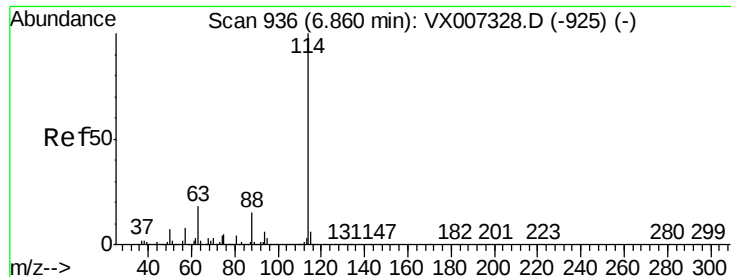
Tgt Ion: 65 Resp: 285133

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

RBR-200050

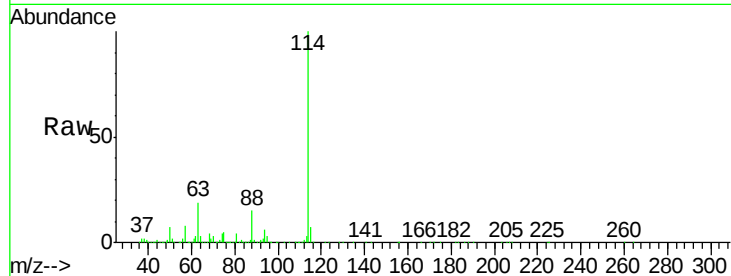
Tot Ion:114 Resp: 814327

Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.6

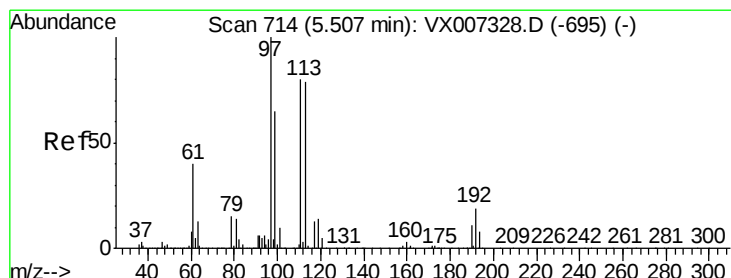
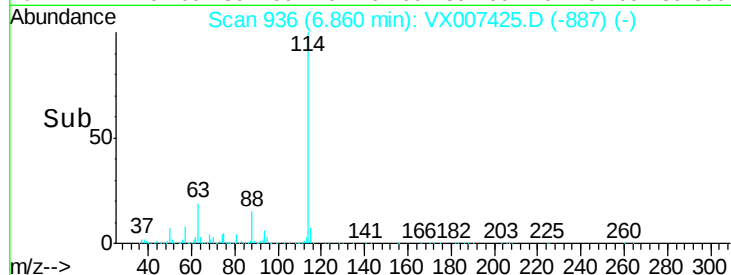
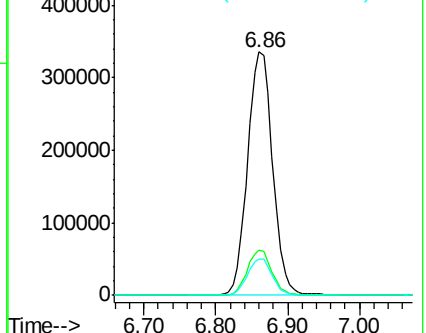
88 15.0 0.0 29.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.100 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

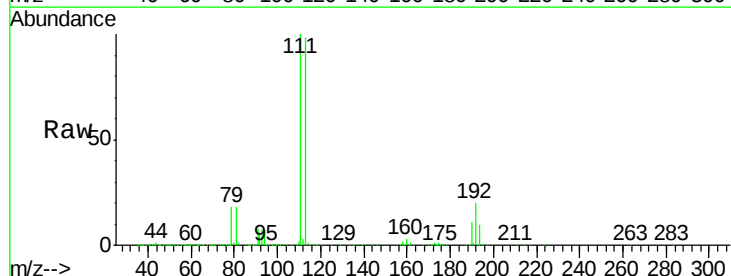
Tgt Ion:113 Resp: 260158

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

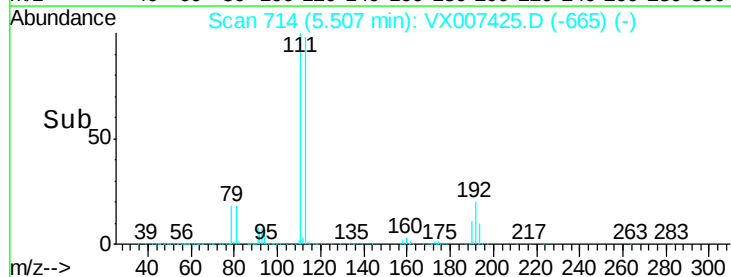
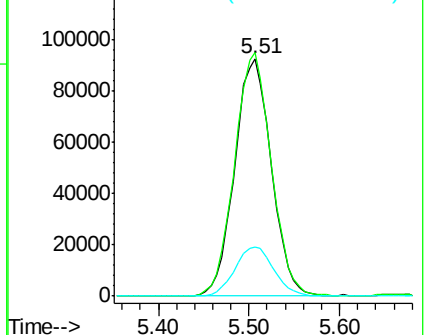
192 21.9 18.5 27.7

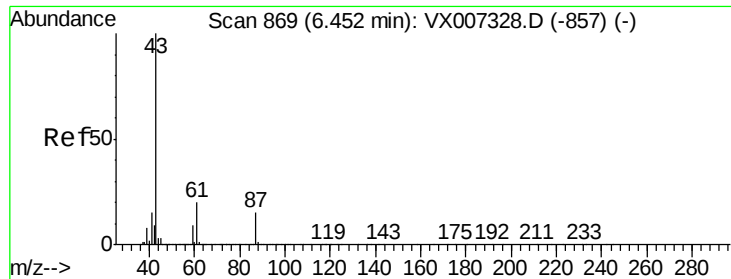


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.838 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

RBR-200050

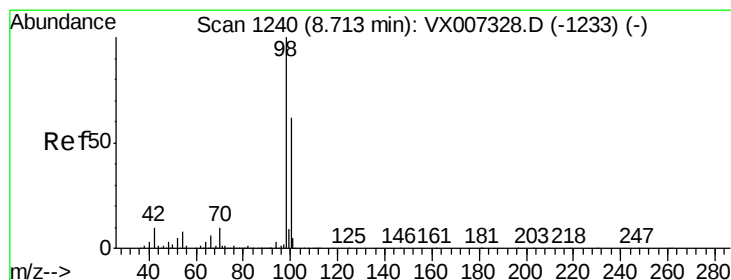
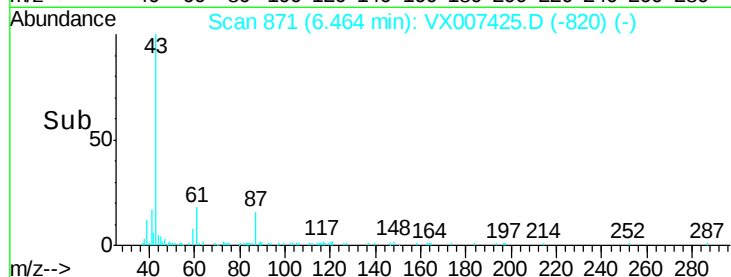
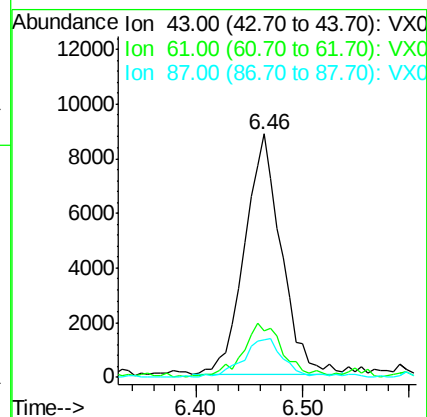
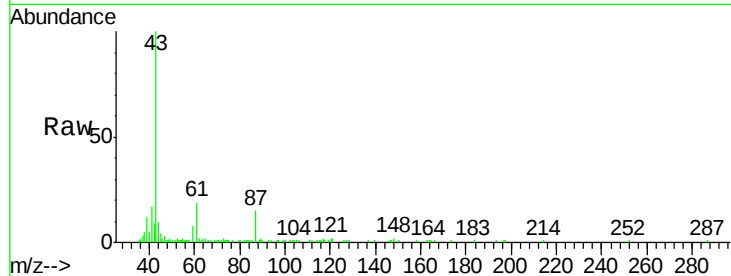
Tot Ion: 43 Resp: 20956

Ion Ratio Lower Upper

43 100

61 25.2 16.1 24.1#

87 17.7 11.5 17.3#



#50

Toluene-d8

Concen: 50.878 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007425.D

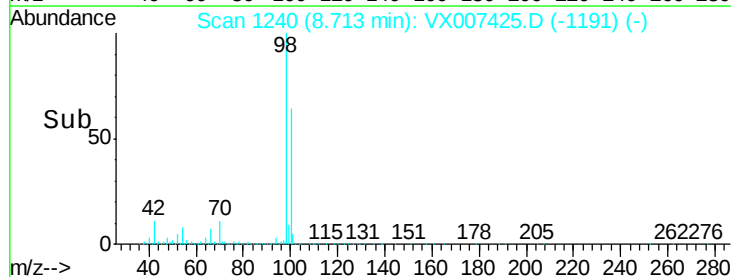
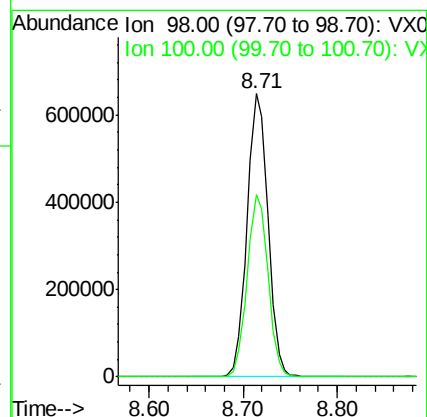
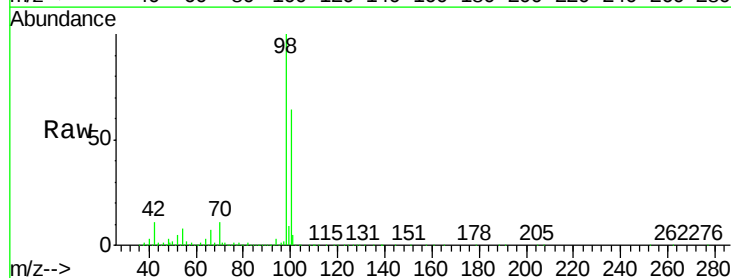
Acq: 07 Feb 2019 15:09

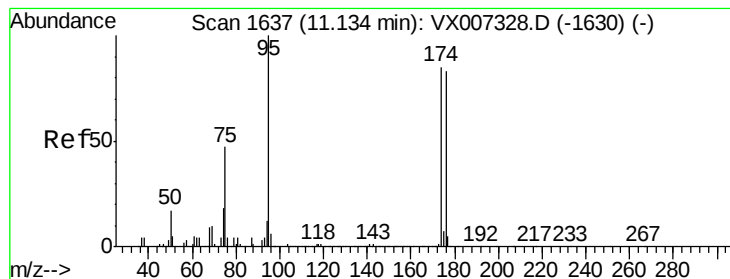
Tgt Ion: 98 Resp: 1000193

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 50.218 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

Instrument :

MSVOA_X

ClientSampleId :

RBR-200050

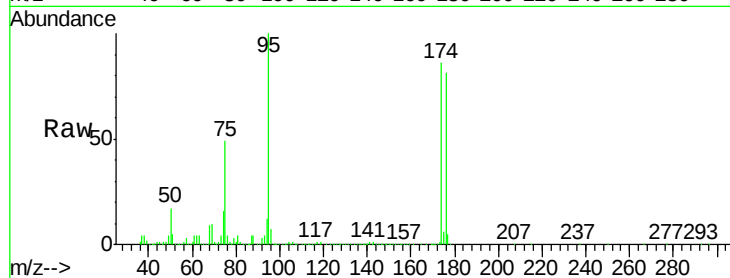
Tot Ion: 95 Resp: 360432

Ion Ratio Lower Upper

95 100

174 93.1 0.0 189.2

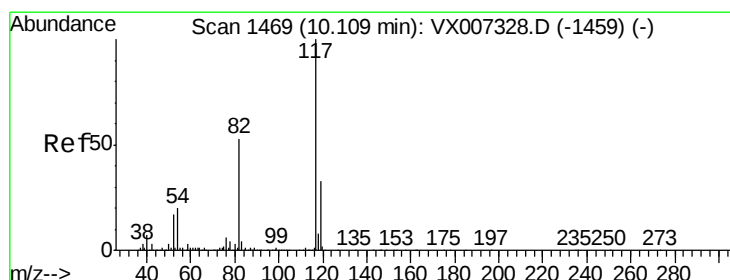
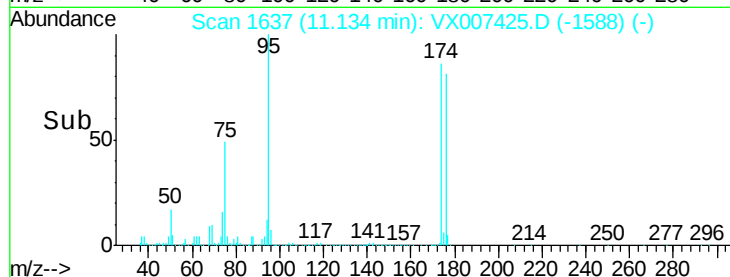
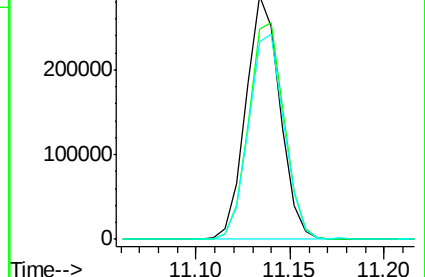
176 88.2 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007328.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007328.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007328.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007425.D

Acq: 07 Feb 2019 15:09

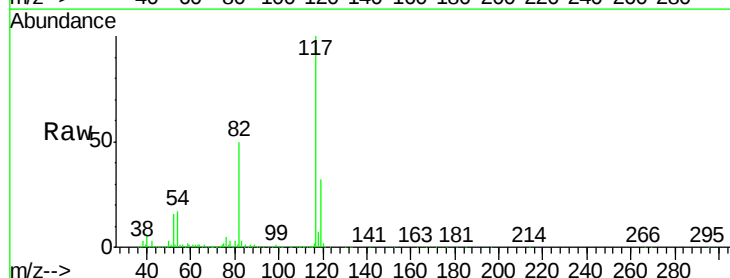
Tgt Ion: 117 Resp: 794583

Ion Ratio Lower Upper

117 100

82 49.8 42.1 63.1

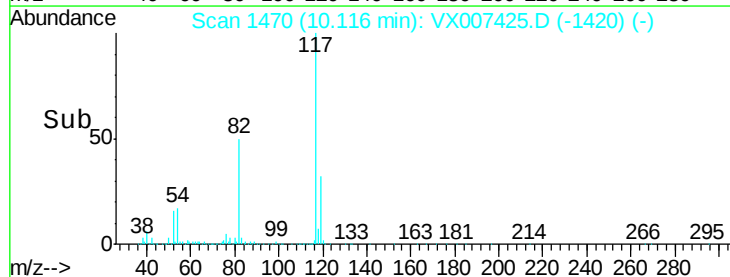
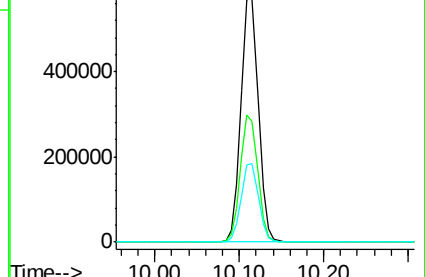
119 32.5 26.5 39.7

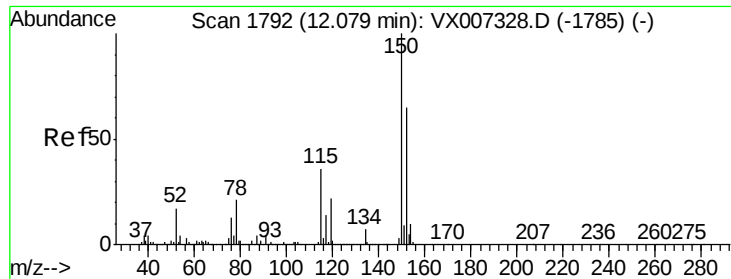


Abundance Ion 116.90 (116.60 to 117.60): VX007328.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007328.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007328.D (-1459) (-)



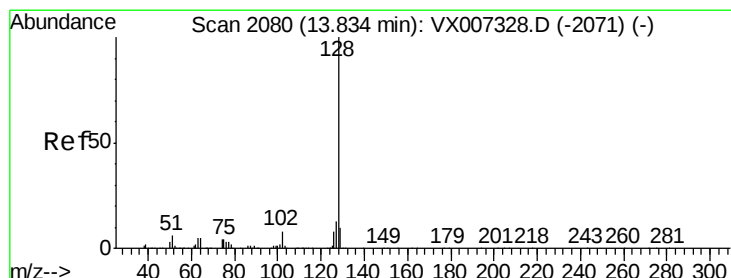
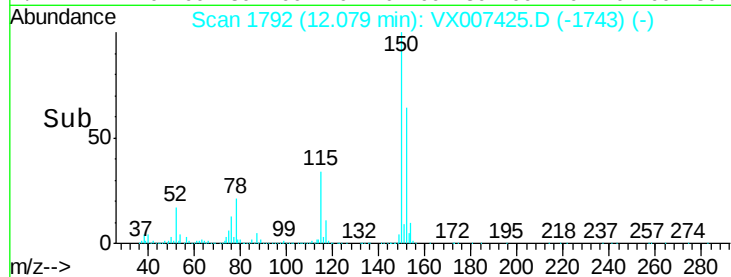
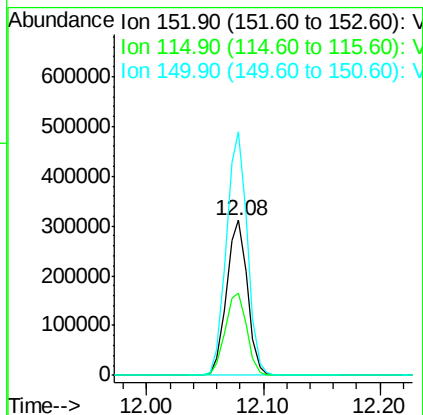
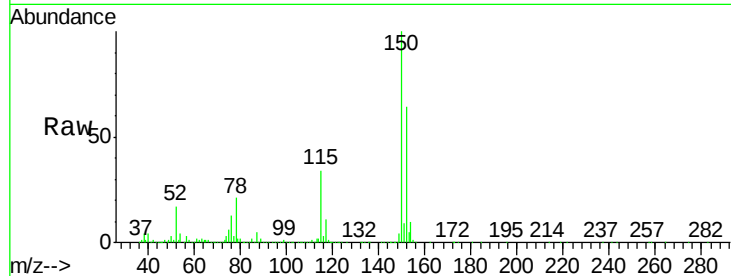


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007425.D
Acq: 07 Feb 2019 15:09

Instrument :
MSVOA_X
ClientSampleId :
RBR-200050

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.0	114.0
150	157.2	0.0	346.4



#95

Naphthalene
Concen: 8.555 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007425.D
Acq: 07 Feb 2019 15:09

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.3	8.7	13.1

