

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111219\
 Data File : VN059193.D
 Acq On : 12 Nov 2019 16:13
 Operator : JC/SP
 Sample : K5799-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LTM-RB-7-SRI4

Quant Time: Nov 13 07:07:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	434237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	671844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	583507	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207987	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	279041	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
35) Dibromofluoromethane	7.57	113	209831	52.31	ug/l	0.00
Spiked Amount			Recovery	=	104.62%	
50) Toluene-d8	10.08	98	816168	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.40	95	260809	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	

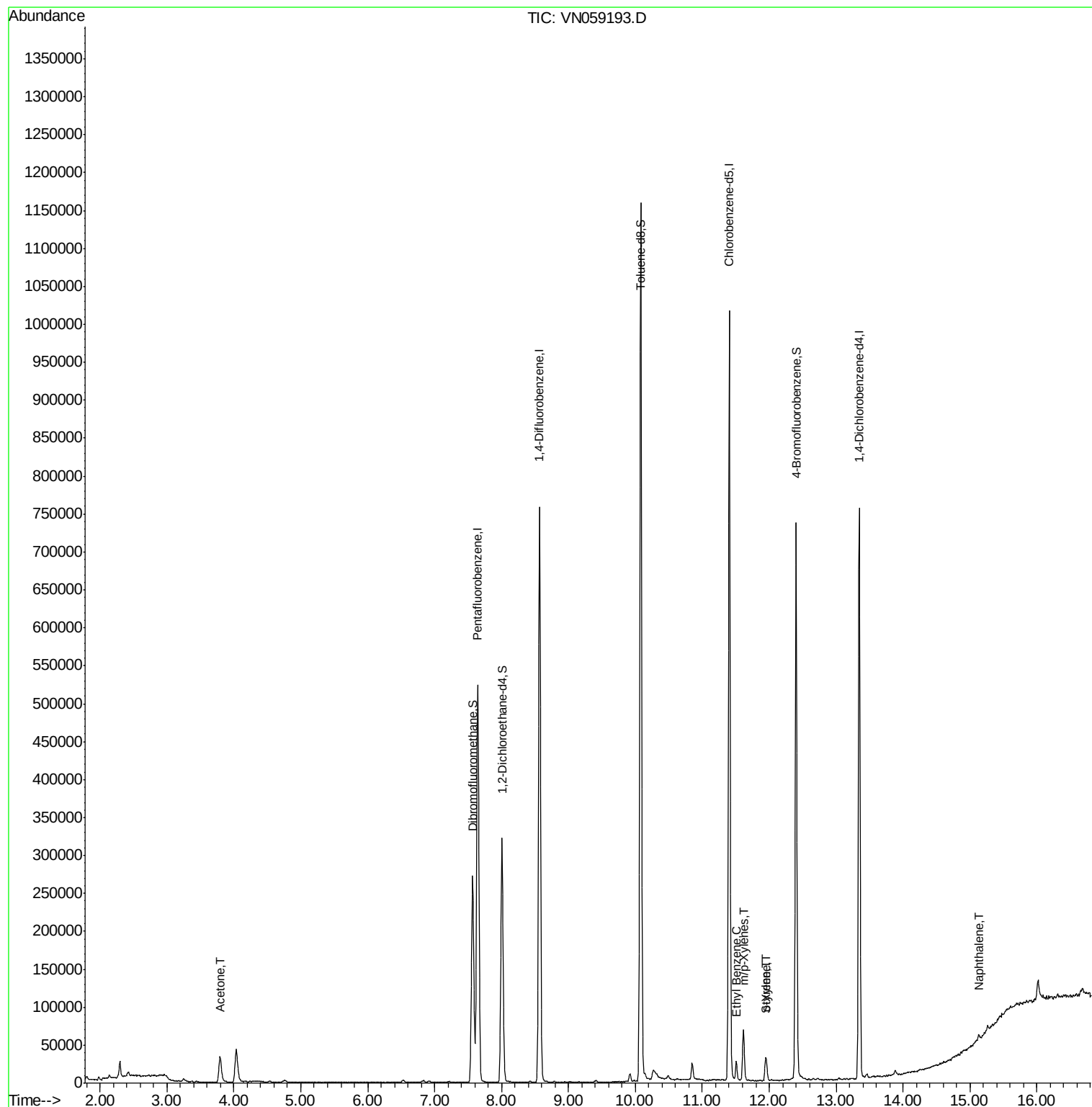
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	58542	21.090	ug/l	98
67) Ethyl Benzene	11.51	91	17497	0.867	ug/l	98
68) m/p-Xylenes	11.62	106	20054	2.653	ug/l	97
69) o-Xylene	11.95	106	7588	1.039	ug/l	96
70) Styrene	11.96	104	7365	0.641	ug/l	96
95) Naphthalene	15.13	128	5258	3.503	ug/l	97

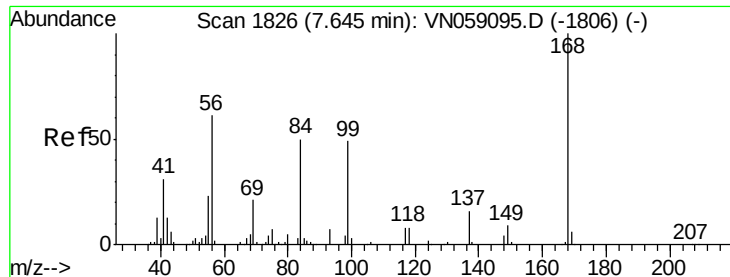
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111219\
Data File : VN059193.D
Acq On : 12 Nov 2019 16:13
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Sample : K5799-08
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Quant Time: Nov 13 07:07:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059193.D

Acq: 12 Nov 2019 16:13

Instrument :

MSVOA_N

ClientSampleId :

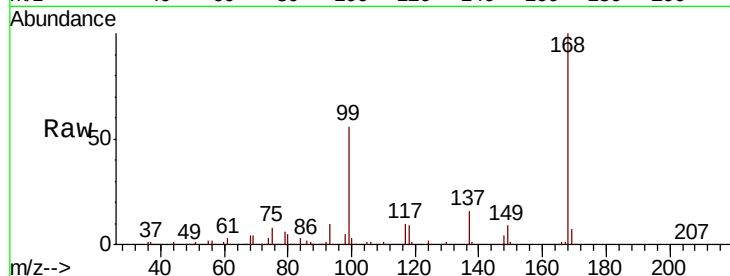
LTM-RB-7-SRI4

Tot Ion:168 Resp: 434237

Ion Ratio Lower Upper

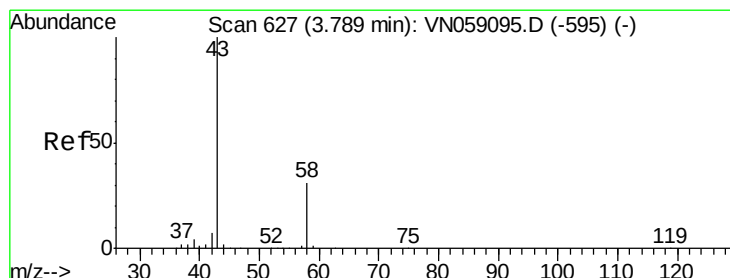
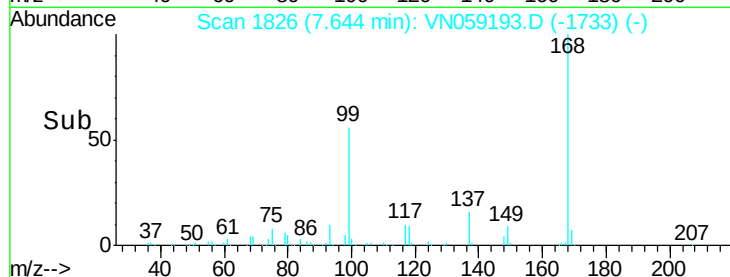
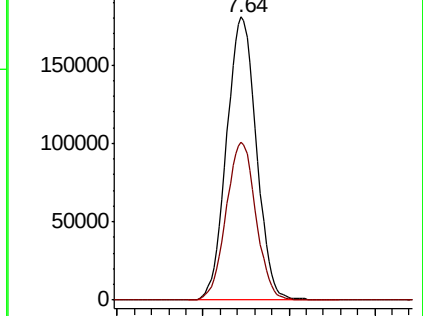
168 100

99 55.8 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 21.090 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.01 min

Lab File: VN059193.D

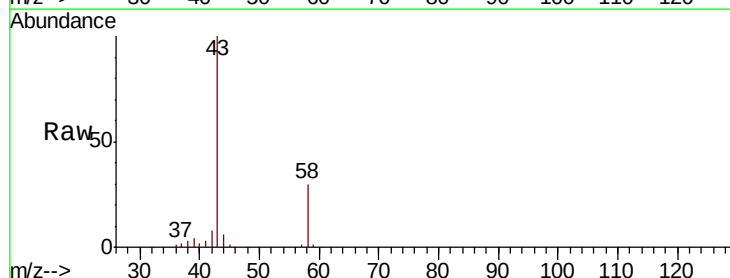
Acq: 12 Nov 2019 16:13

Tgt Ion: 43 Resp: 58542

Ion Ratio Lower Upper

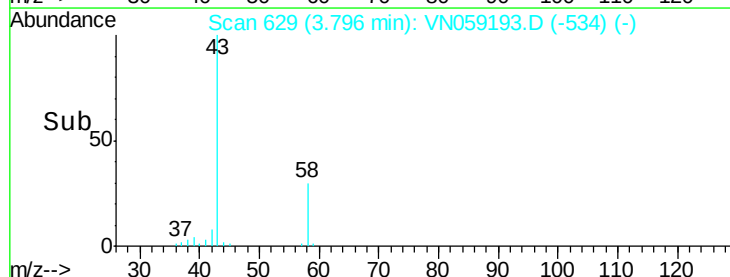
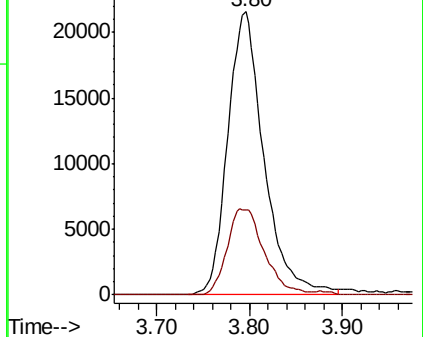
43 100

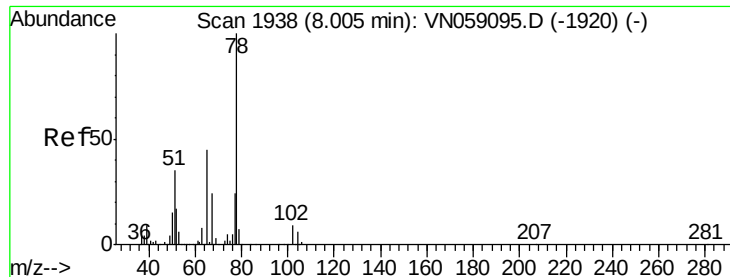
58 29.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

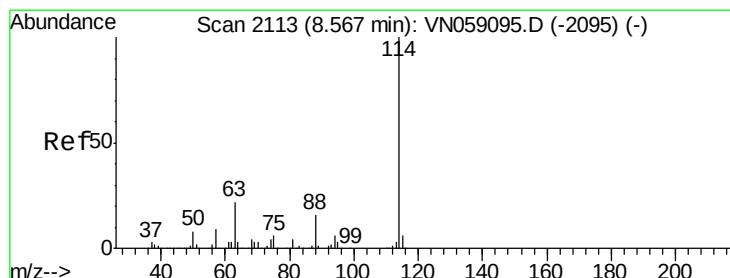
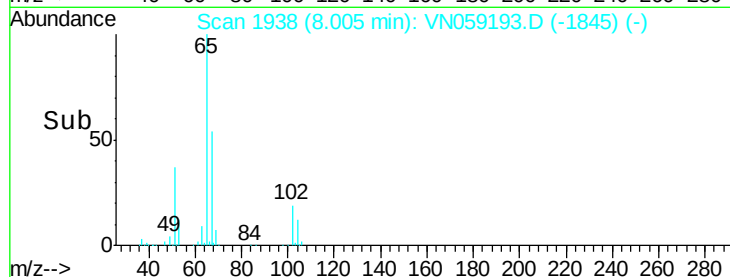
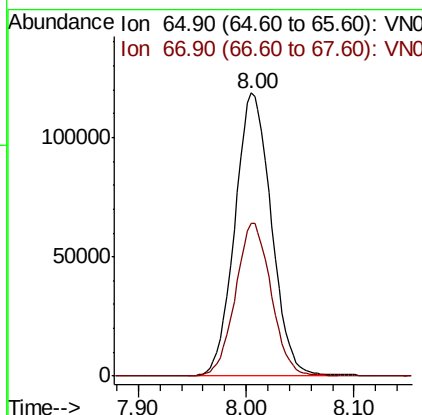
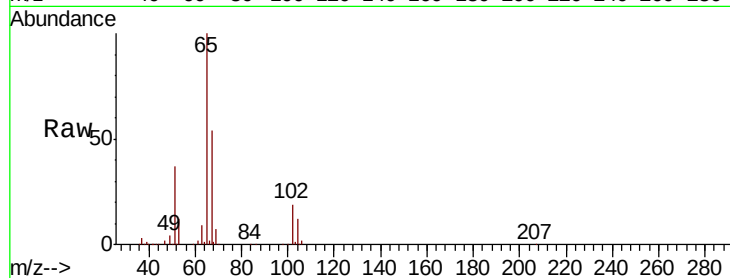




#33
 1,2-Dichloroethane-d4
 Concen: 52.275 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059193.D
 Acq: 12 Nov 2019 16:13

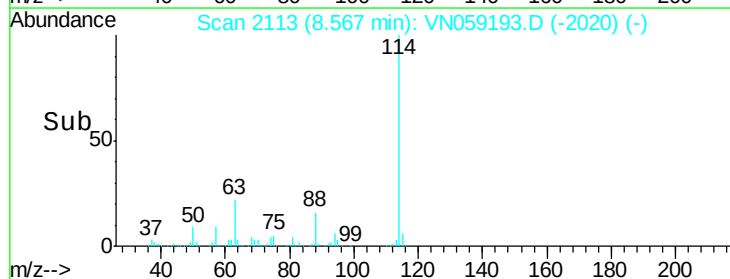
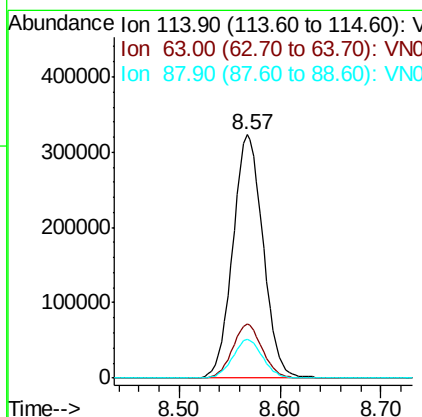
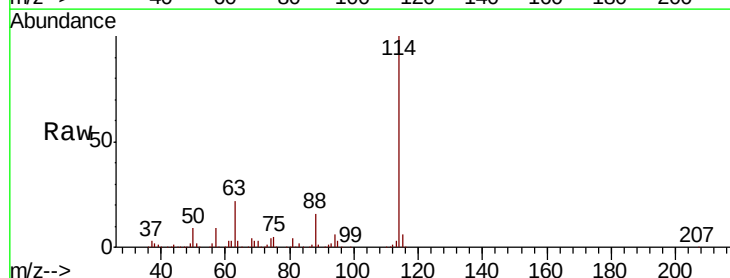
Instrument :
 MSVOA_N
 ClientSampleId :
 LTM-RB-7-SRI4

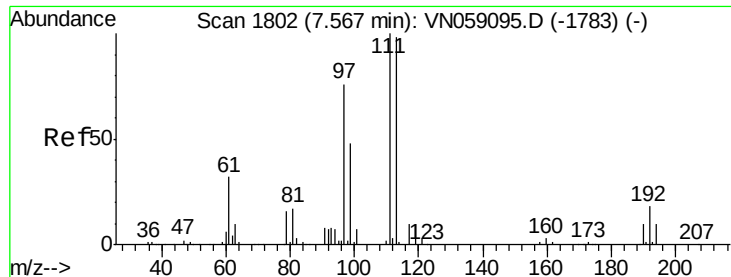
Tot Ion: 65 Resp: 279041
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059193.D
 Acq: 12 Nov 2019 16:13

Tgt Ion: 114 Resp: 671844
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 15.9 0.0 32.2

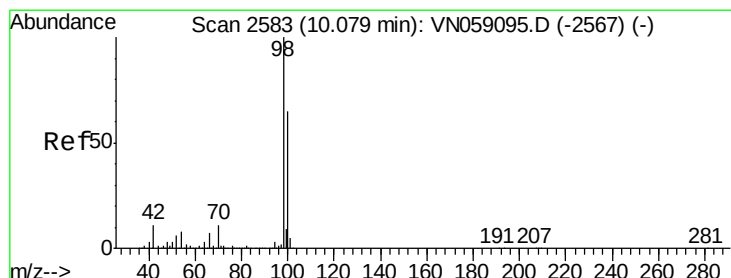
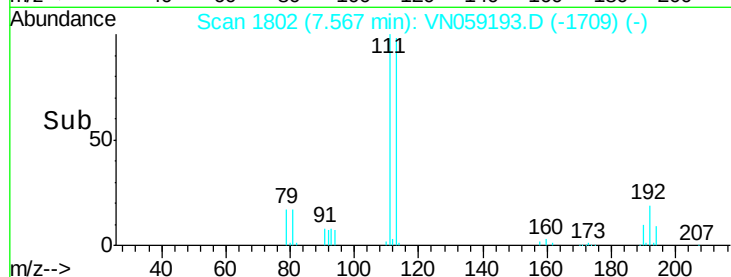
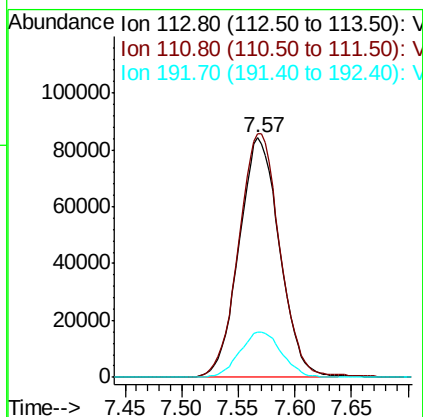
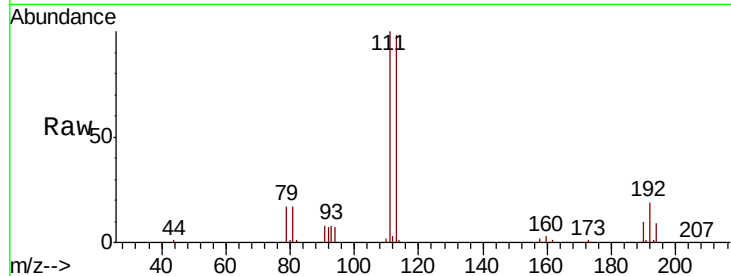




#35
 Dibromofluoromethane
 Concen: 52.307 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059193.D
 Acq: 12 Nov 2019 16:13

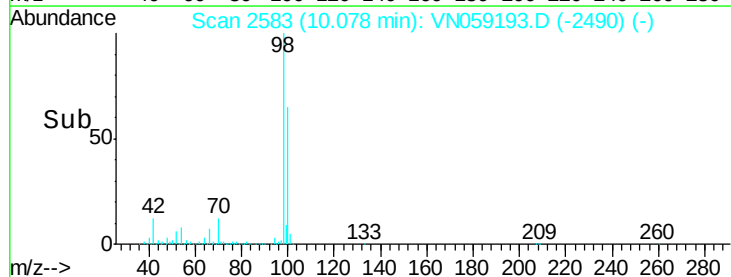
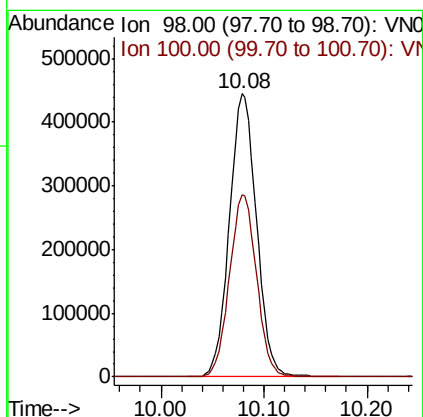
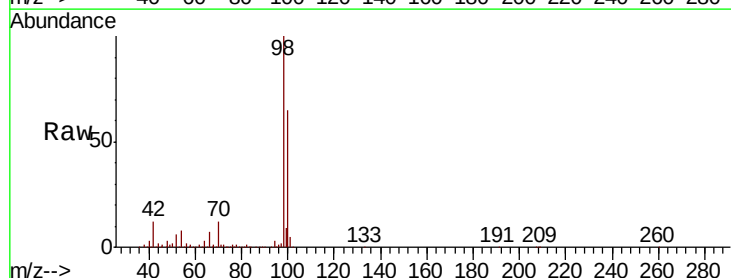
Instrument :
 MSVOA_N
 ClientSampled :
 LTM-RB-7-SRI4

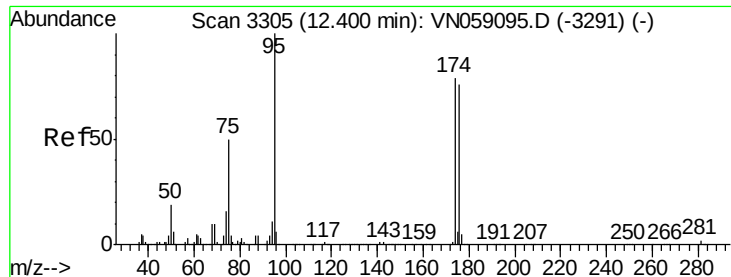
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.8	124.2
192	19.6	16.1	24.1



#50
 Toluene-d8
 Concen: 51.652 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. -0.00 min
 Lab File: VN059193.D
 Acq: 12 Nov 2019 16:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 45.778 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN059193.D

Acq: 12 Nov 2019 16:13

Instrument :

MSVOA_N

ClientSampleId :

LTM-RB-7-SRI4

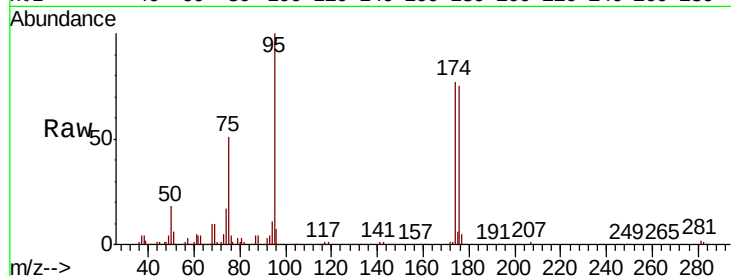
Tot Ion: 95 Resp: 260809

Ion Ratio Lower Upper

95 100

174 77.5 0.0 158.2

176 75.9 0.0 151.8



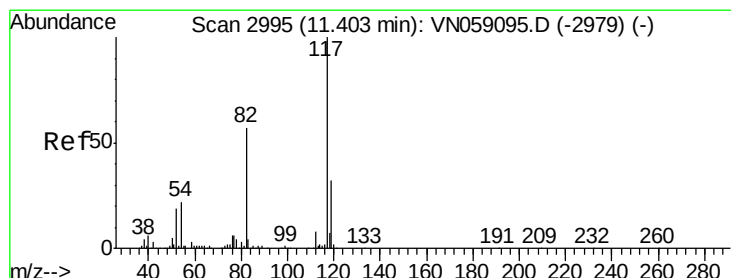
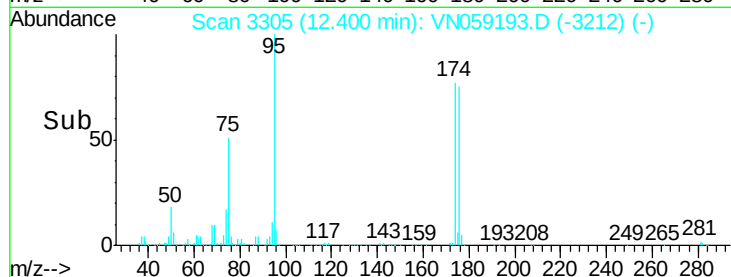
Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0

12.40

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059193.D

Acq: 12 Nov 2019 16:13

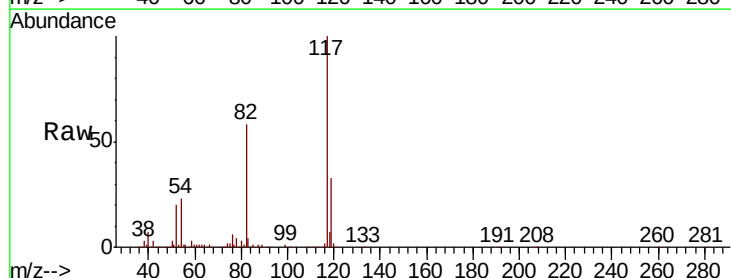
Tgt Ion: 117 Resp: 583507

Ion Ratio Lower Upper

117 100

82 58.1 45.8 68.8

119 32.7 25.8 38.6



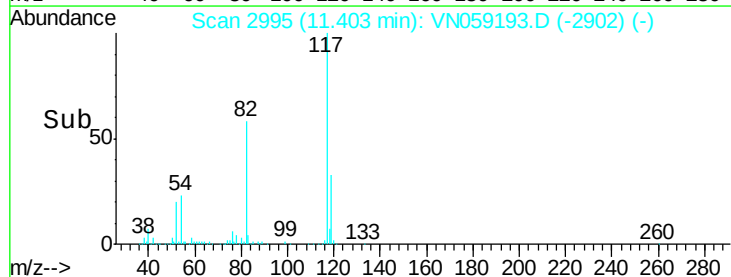
Abundance Ion 116.90 (116.60 to 117.60): VN0

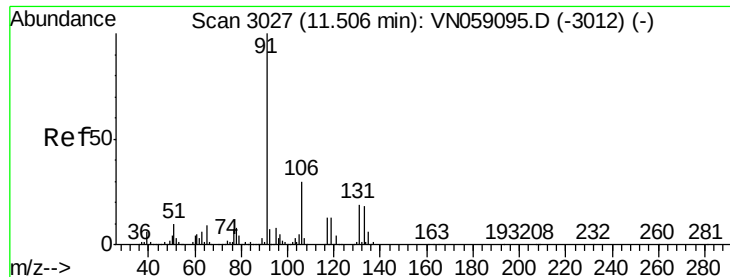
Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

11.40

Time--> 11.30 11.40 11.50

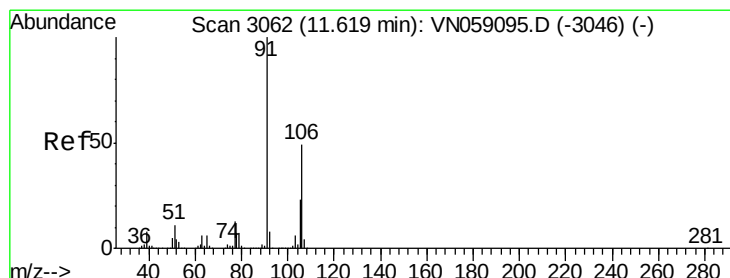
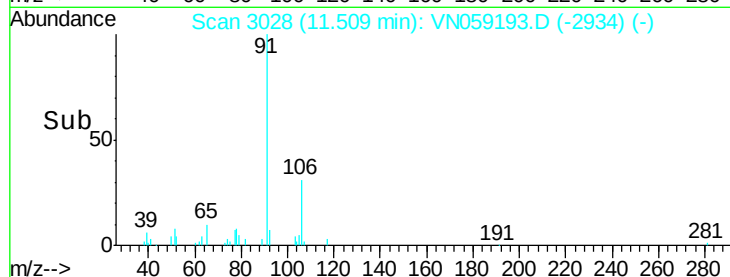
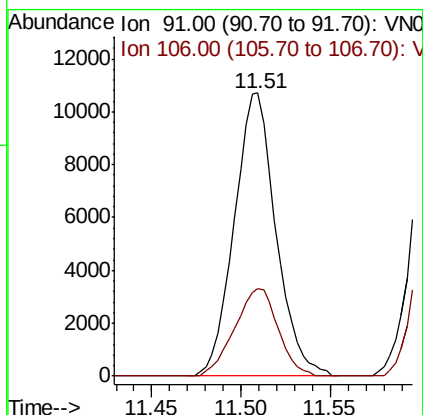
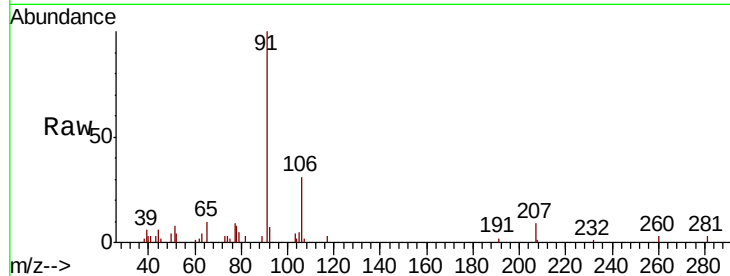




#67
Ethyl Benzene
Concen: 0.867 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN059193.D
Acq: 12 Nov 2019 16:13

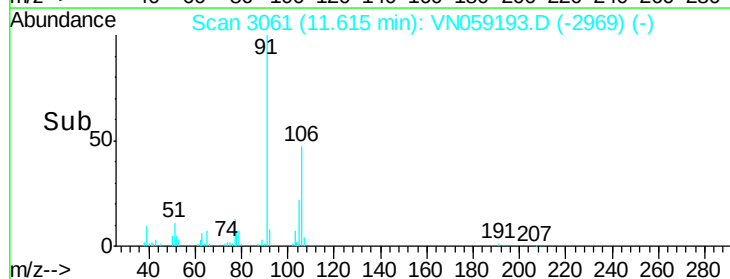
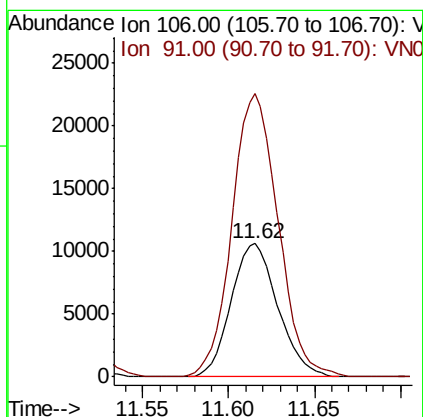
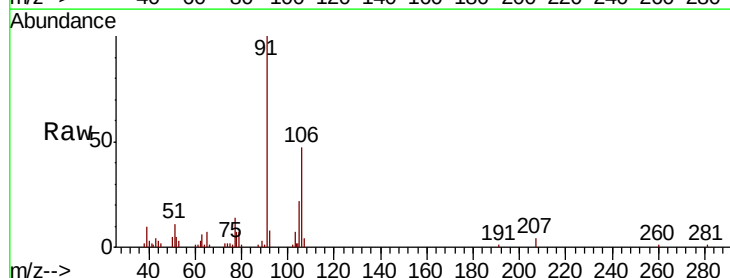
Instrument :
MSVOA_N
ClientSampleId :
LTM-RB-7-SRI4

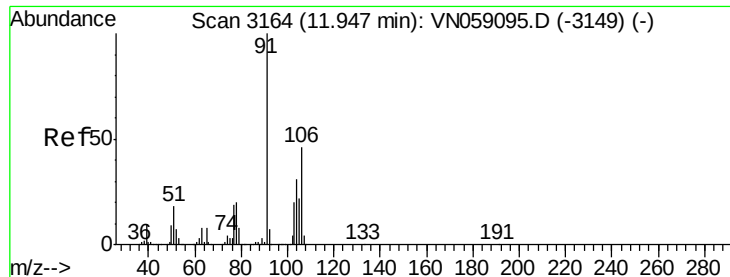
Tot Ion: 91 Resp: 17497
Ion Ratio Lower Upper
91 100
106 31.1 24.1 36.1



#68
m/p-Xylenes
Concen: 2.653 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059193.D
Acq: 12 Nov 2019 16:13

Tgt Ion: 106 Resp: 20054
Ion Ratio Lower Upper
106 100
91 210.5 164.7 247.1





#69

o-Xylene

Concen: 1.039 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN059193.D

Acq: 12 Nov 2019 16:13

Instrument :

MSVOA_N

ClientSampled :

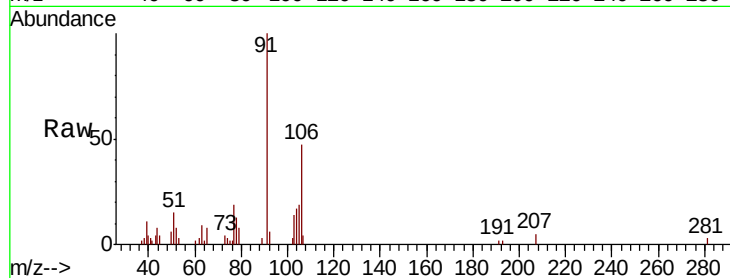
LTM-RB-7-SRI4

Tot Ion:106 Resp: 7588

Ion Ratio Lower Upper

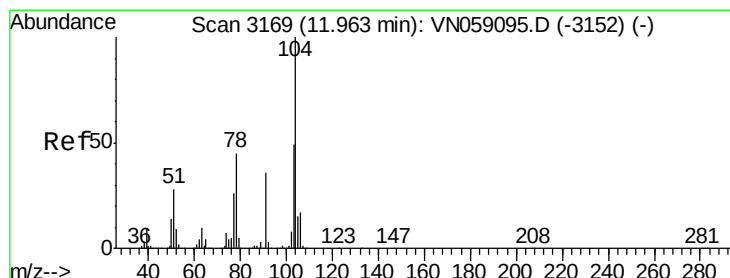
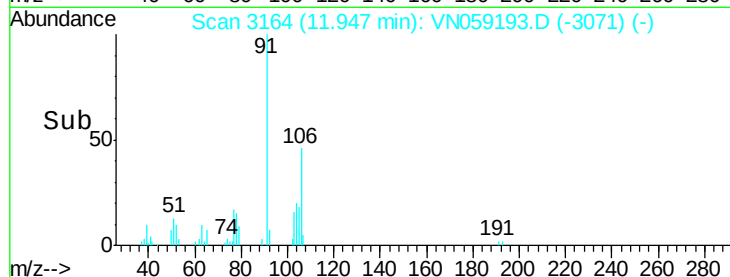
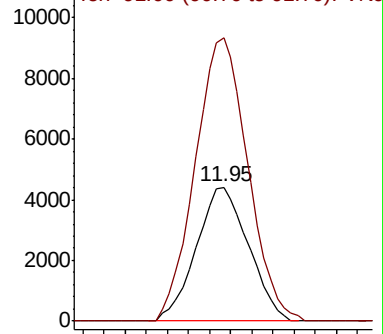
106 100

91 213.0 110.1 330.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 0.641 ug/l

RT: 11.96 min Scan# 3169

Delta R.T. -0.00 min

Lab File: VN059193.D

Acq: 12 Nov 2019 16:13

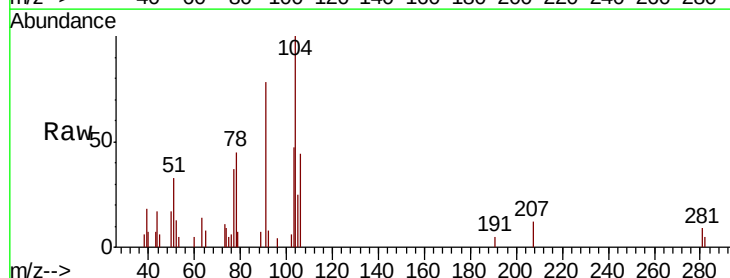
Tgt Ion:104 Resp: 7365

Ion Ratio Lower Upper

104 100

78 53.4 41.2 61.8

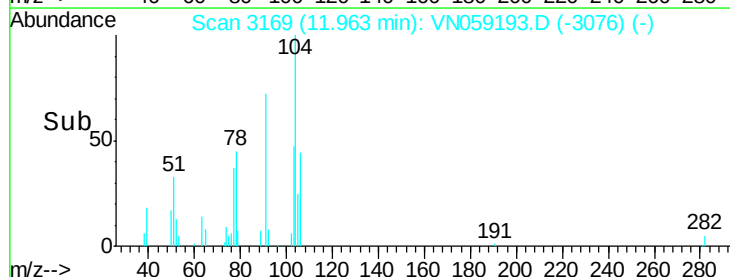
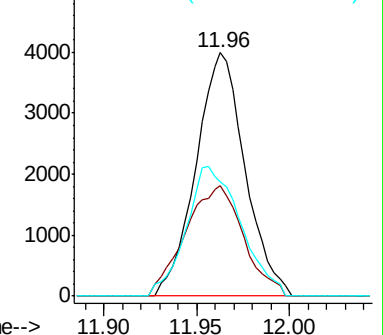
103 58.9 43.8 65.6

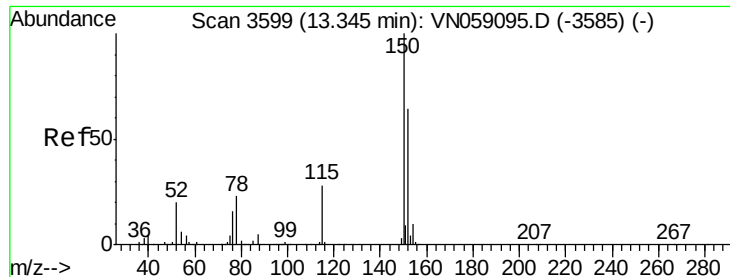


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

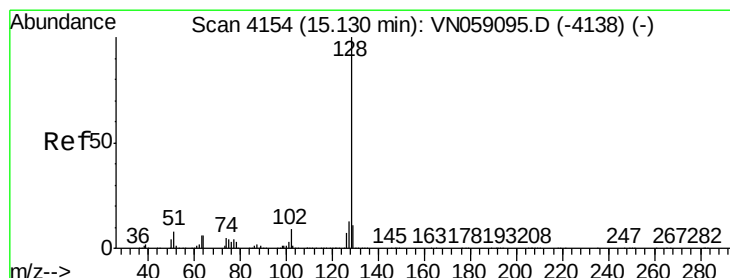
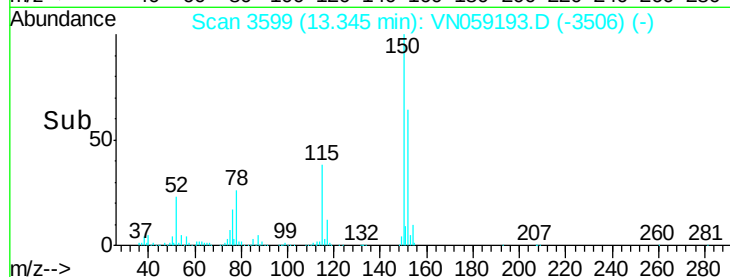
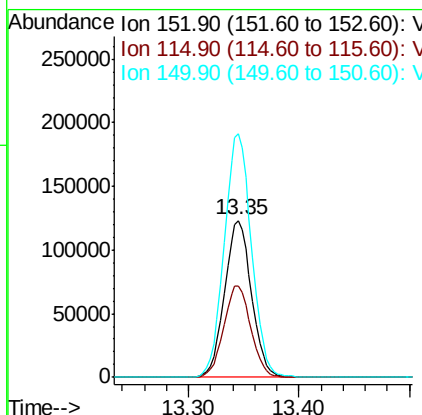
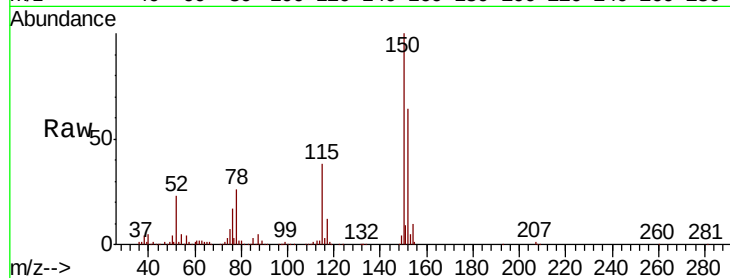




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN059193.D
 Acq: 12 Nov 2019 16:13

Instrument :
 MSVOA_N
 ClientSampleId :
 LTM-RB-7-SRI4

Tot Ion:152 Resp: 207987
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.4 88.2
 150 157.3 0.0 345.8



#95
 Naphthalene
 Concen: 3.503 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN059193.D
 Acq: 12 Nov 2019 16:13

Tgt Ion:128 Resp: 5258
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.2 15.2
 129 11.2 8.6 12.8

