

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083893.D
 Acq On : 14 Sep 2024 16:20
 Operator : JC\MD
 Sample : P3886-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-090624

Quant Time: Sep 16 01:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

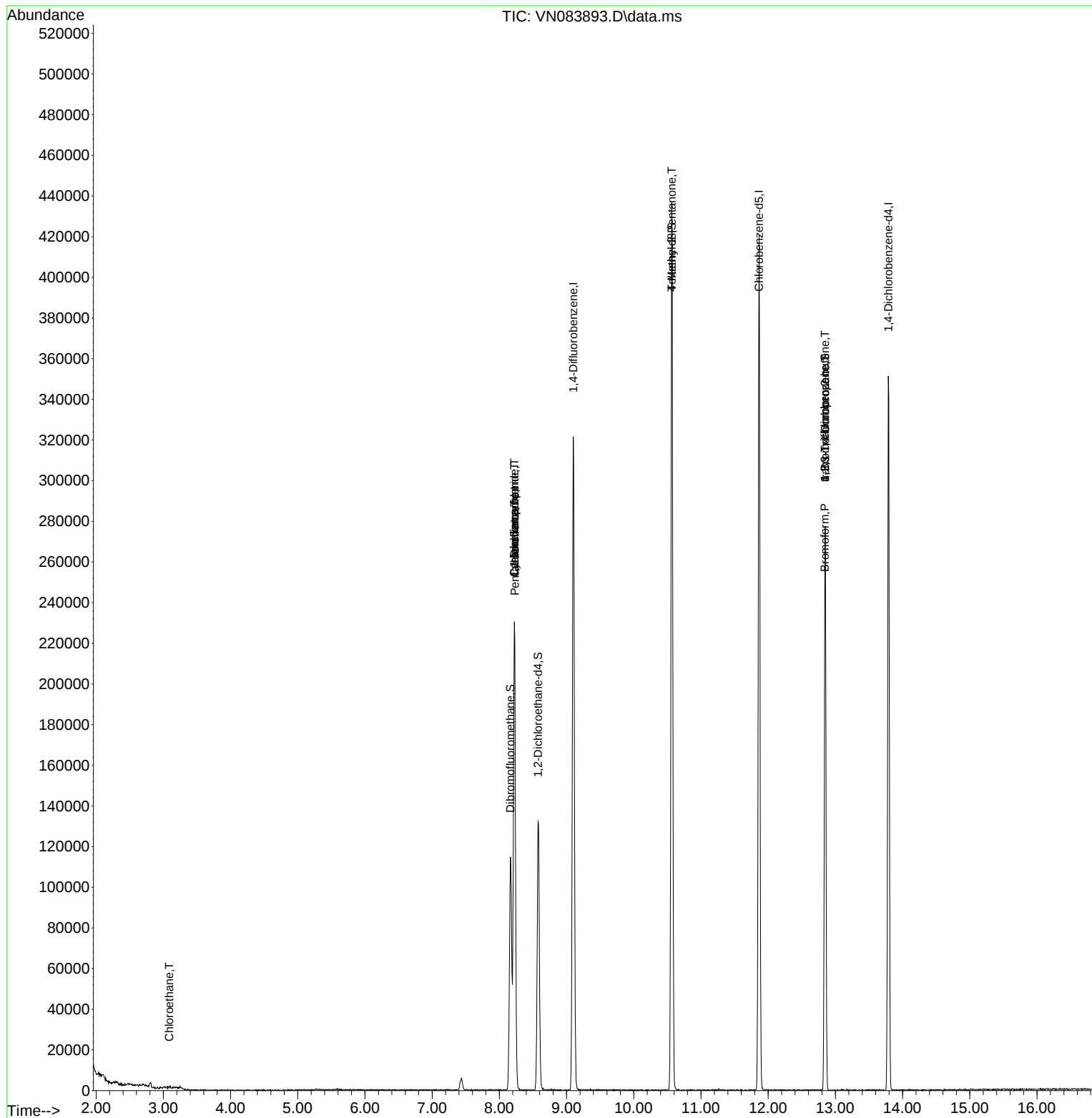
Internal Standards						
1) Pentafluorobenzene	8.229	168	154081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	88274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113341	48.784	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.560%
35) Dibromofluoromethane	8.165	113	81317	47.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	10.565	98	289891	49.372	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.740%
62) 4-Bromofluorobenzene	12.847	95	94560	39.035	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	78.060%
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	72	Below Cal	#	41
6) Chloroethane	3.089	64	337	0.245	ug/l #	45
31) Cyclohexane	8.224	56	4273	1.273	ug/l #	30
36) 1,1-Dichloropropene	8.224	75	15085	5.901	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18135	6.253	ug/l #	17
51) 4-Methyl-2-Pentanone	10.565	43	1382	0.604	ug/l #	1
71) Bromoform	12.841	173	321	0.282	ug/l #	29
76) 1,2,3-Trichloropropane	12.847	75	53570	30.075	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	53570	78.769	ug/l #	9

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
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FB01-090624

Quant Time: Sep 16 01:37:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

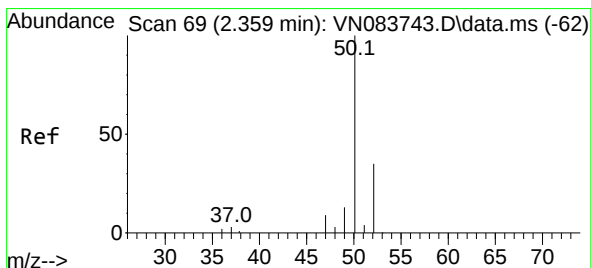
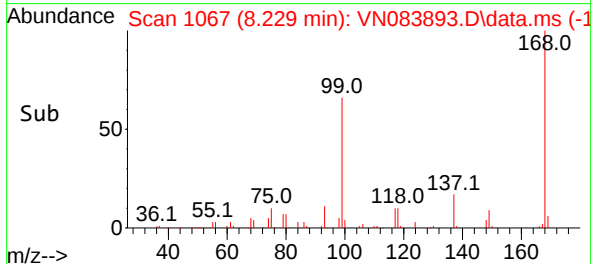
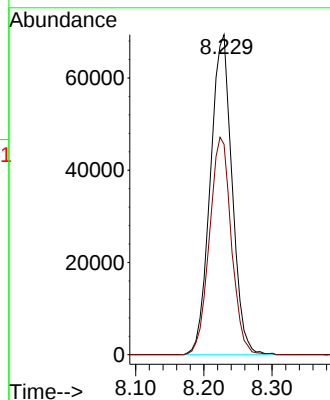
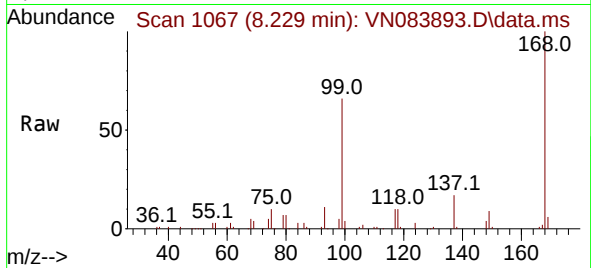




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

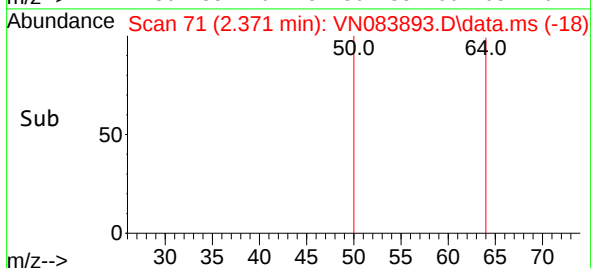
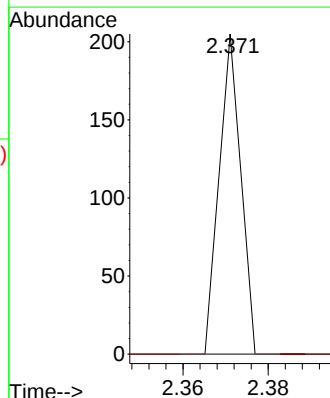
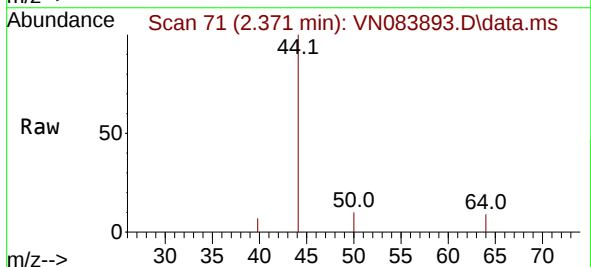
Instrument :
MSVOA_N
ClientSampleId :
FB01-090624

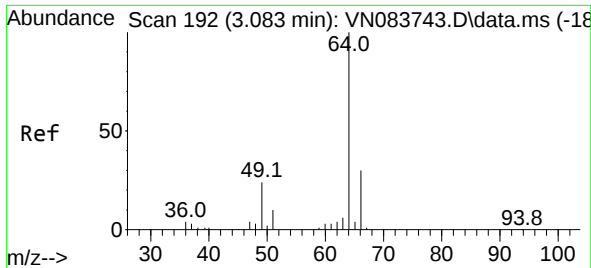
Tgt Ion:168 Resp: 154081
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.371 min Scan# 71
Delta R.T. 0.012 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Tgt Ion: 50 Resp: 72
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

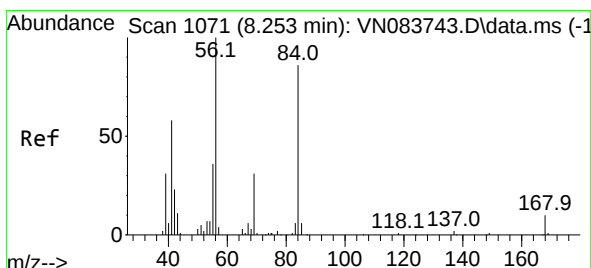
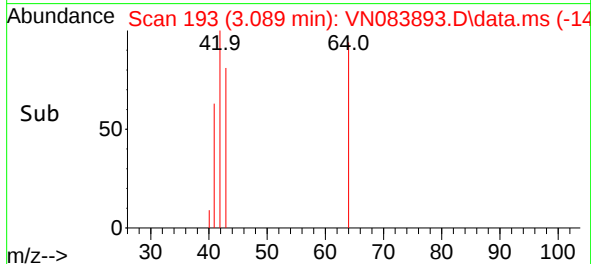
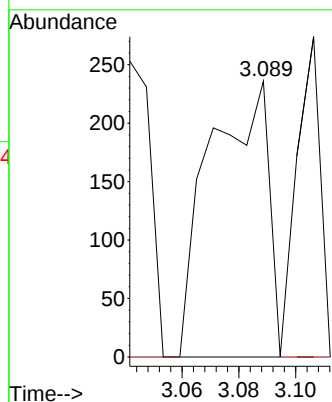
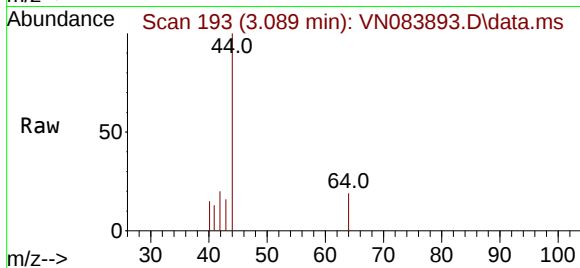




#6
Chloroethane
Concen: 0.245 ug/l
RT: 3.089 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

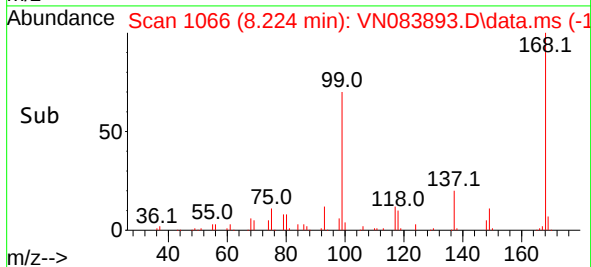
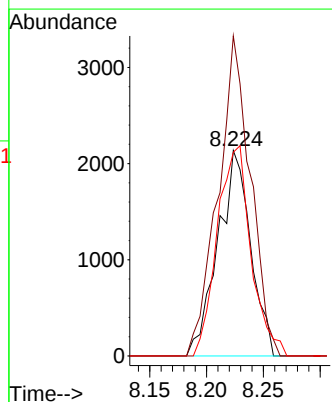
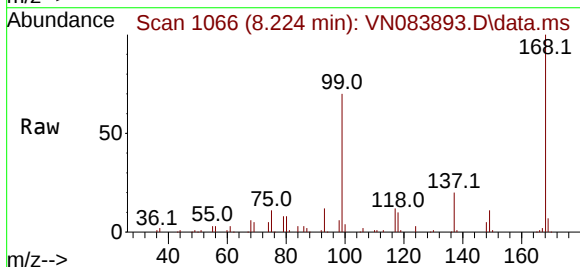
Instrument :
MSVOA_N
ClientSampleId :
FB01-090624

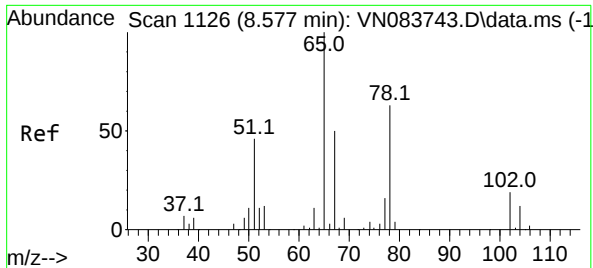
Tgt Ion: 64 Resp: 337
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#31
Cyclohexane
Concen: 1.273 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Tgt Ion: 56 Resp: 4273
Ion Ratio Lower Upper
56 100
69 155.8 26.9 40.3#
84 99.2 69.2 103.8

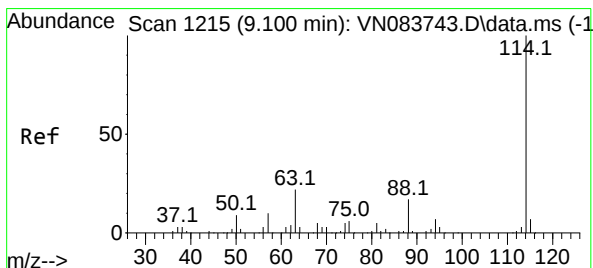
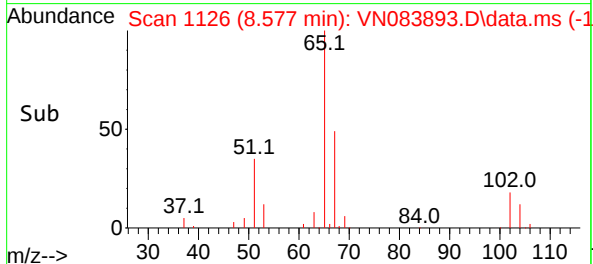
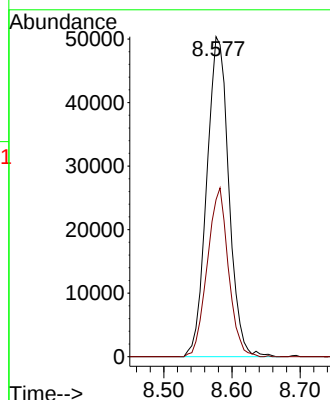
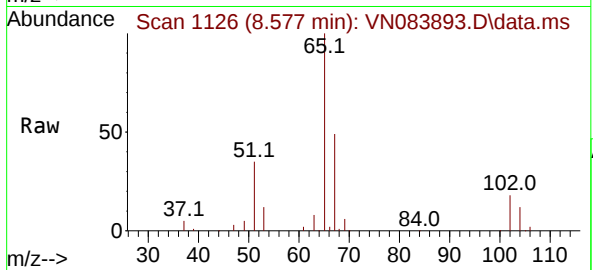




#33
 1,2-Dichloroethane-d4
 Concen: 48.784 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN083893.D
 Acq: 14 Sep 2024 16:20

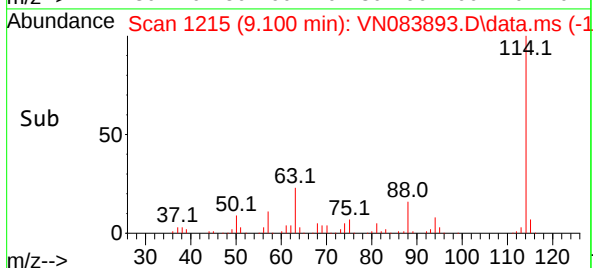
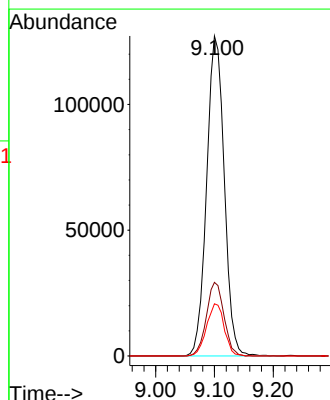
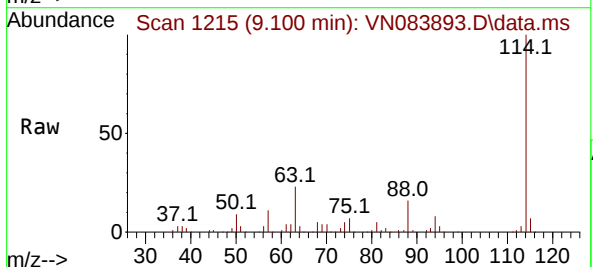
Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-090624

Tgt Ion: 65 Resp: 113341
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN083893.D
 Acq: 14 Sep 2024 16:20

Tgt Ion: 114 Resp: 265300
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 43.4
 88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.878 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083893.D

Acq: 14 Sep 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

FB01-090624

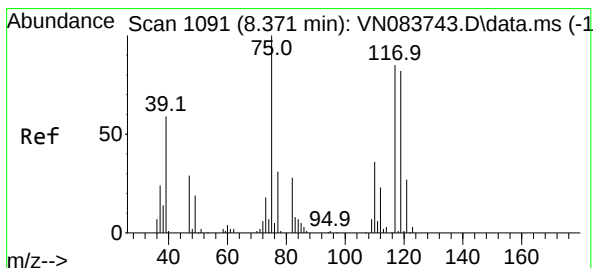
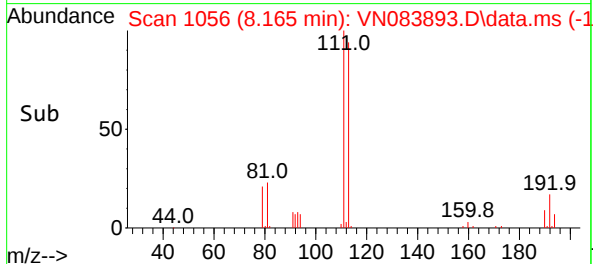
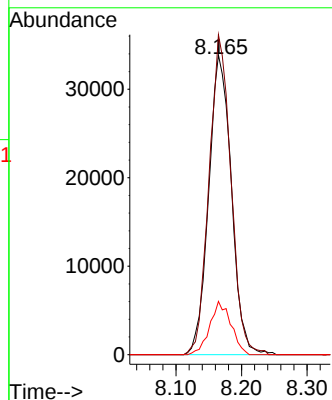
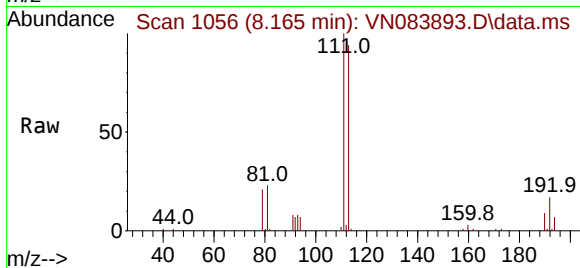
Tgt Ion:113 Resp: 81317

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 16.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.901 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN083893.D

Acq: 14 Sep 2024 16:20

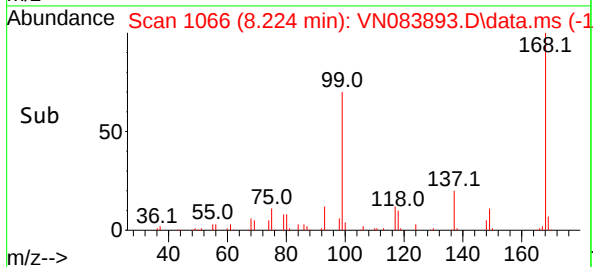
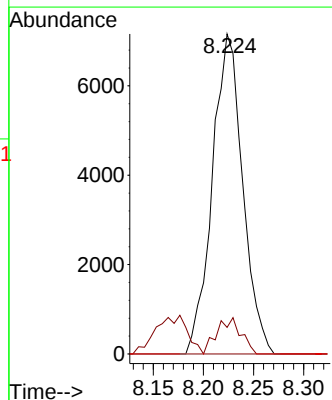
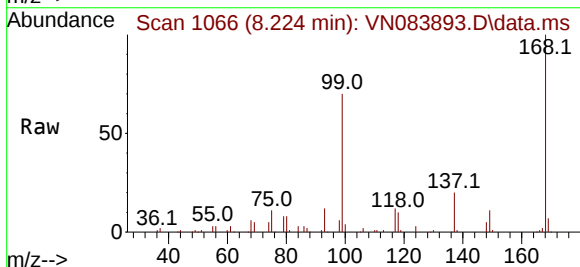
Tgt Ion: 75 Resp: 15085

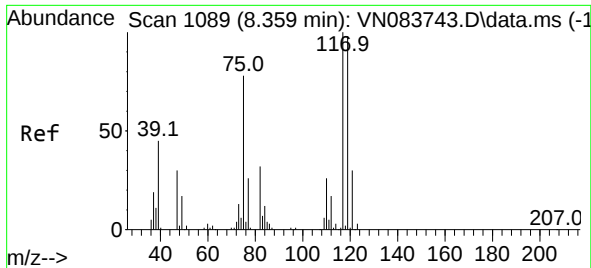
Ion Ratio Lower Upper

75 100

110 9.0 16.7 50.1#

77 0.0 25.2 37.8#

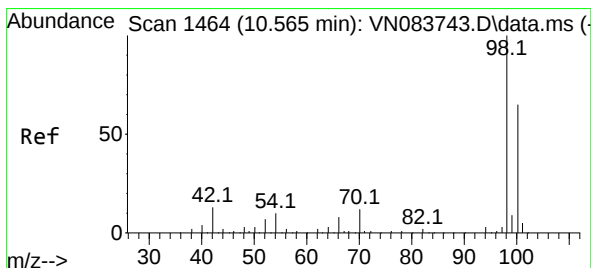
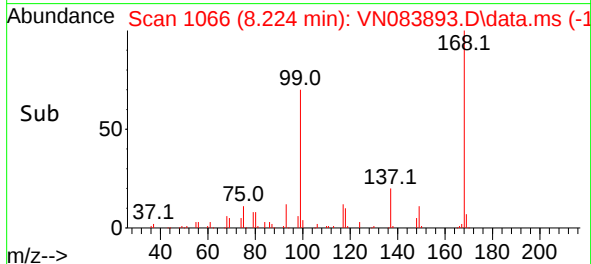
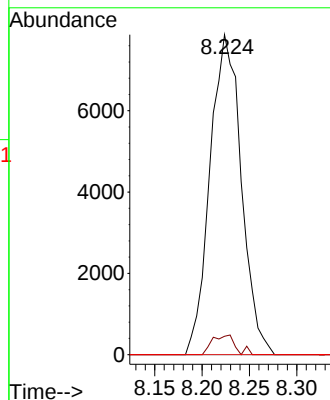
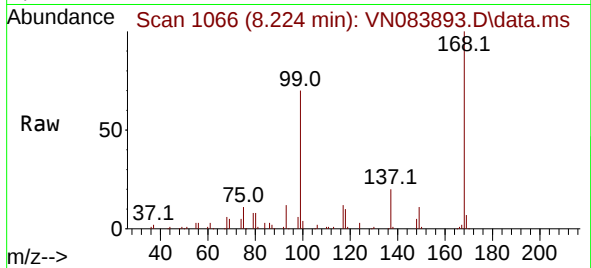




#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

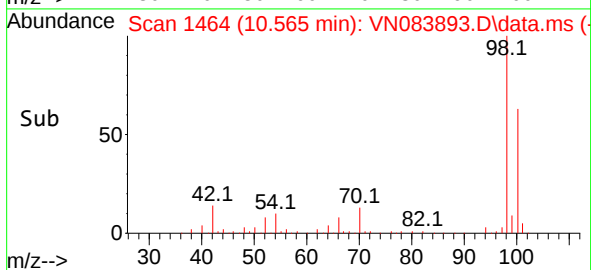
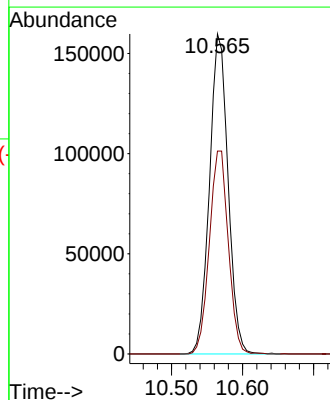
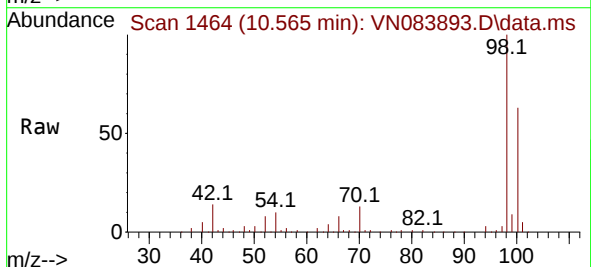
Instrument :
MSVOA_N
ClientSampleId :
FB01-090624

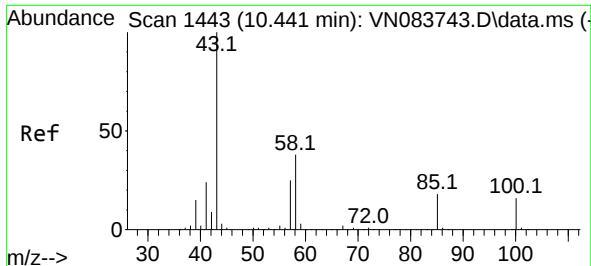
Tgt Ion:117 Resp: 18135
Ion Ratio Lower Upper
117 100
119 5.8 76.1 114.1#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.372 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Tgt Ion: 98 Resp: 289891
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.604 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.123 min

Lab File: VN083893.D

Acq: 14 Sep 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

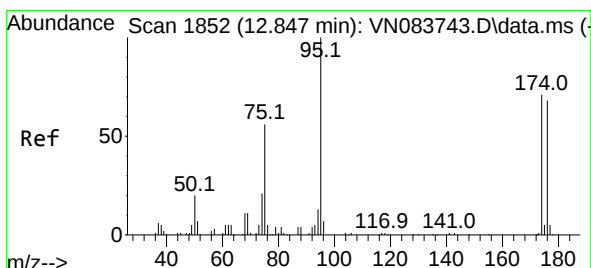
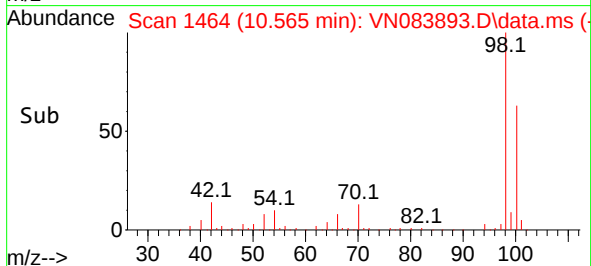
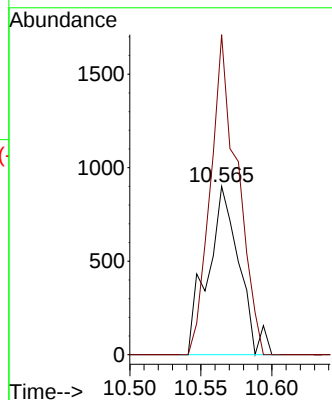
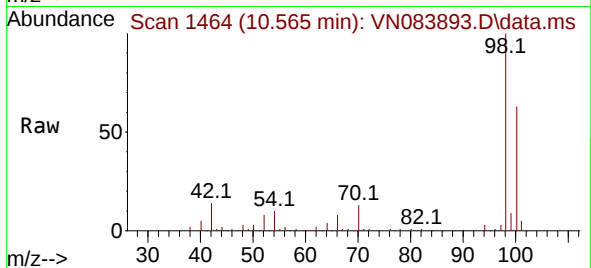
FB01-090624

Tgt Ion: 43 Resp: 1382

Ion Ratio Lower Upper

43 100

58 164.6 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 39.035 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN083893.D

Acq: 14 Sep 2024 16:20

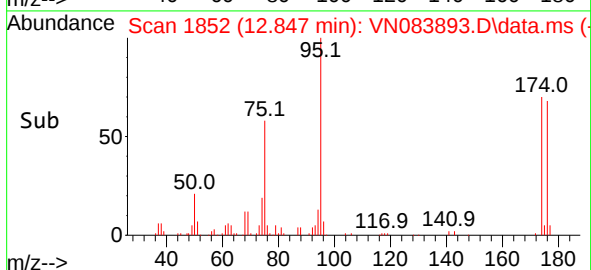
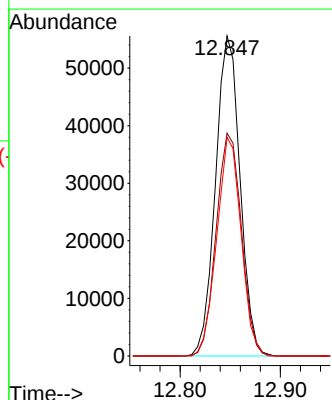
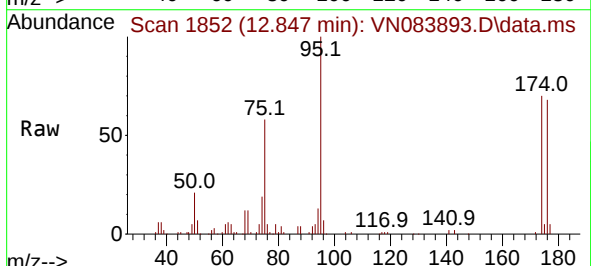
Tgt Ion: 95 Resp: 94560

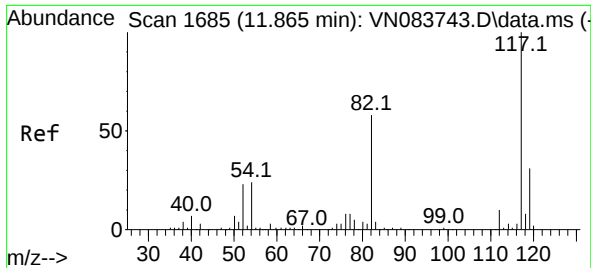
Ion Ratio Lower Upper

95 100

174 71.5 0.0 139.8

176 67.7 0.0 131.4

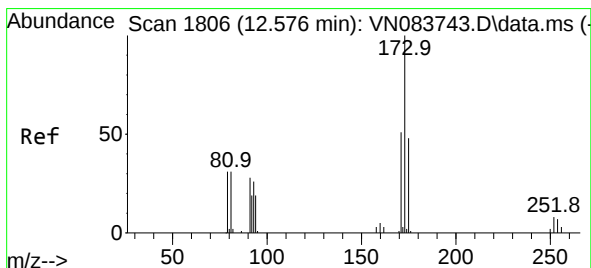
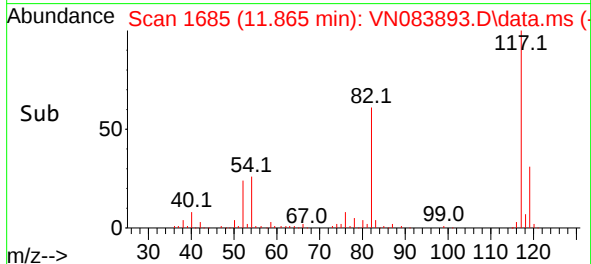
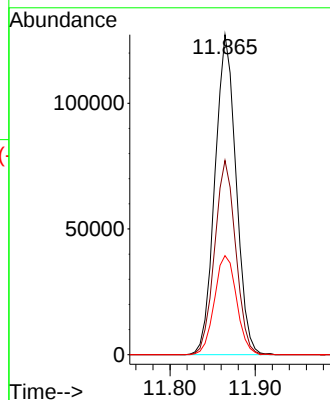
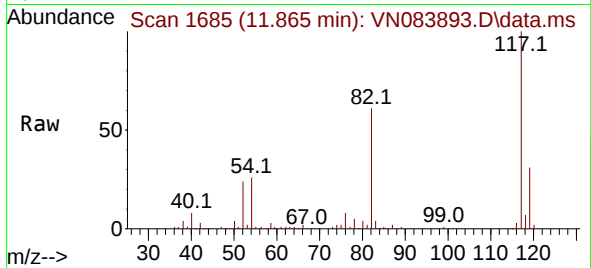




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

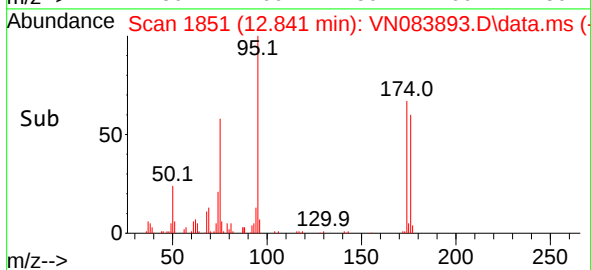
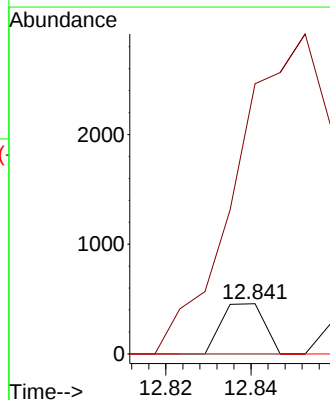
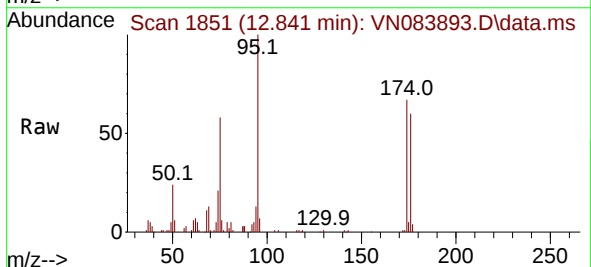
Instrument :
MSVOA_N
ClientSampleId :
FB01-090624

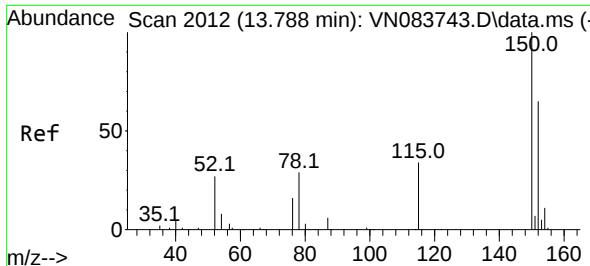
Tgt Ion:117 Resp: 219212
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 30.9 26.3 39.5



#71
Bromoform
Concen: 0.282 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

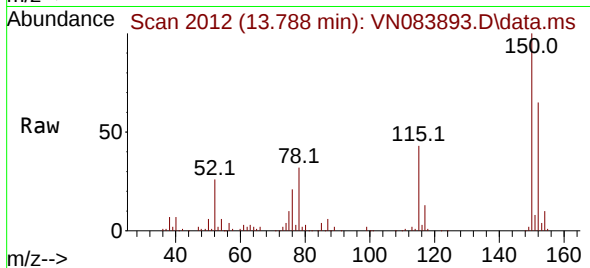
Tgt Ion:173 Resp: 321
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.0 0.0



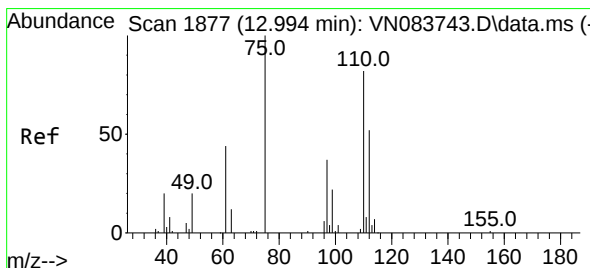
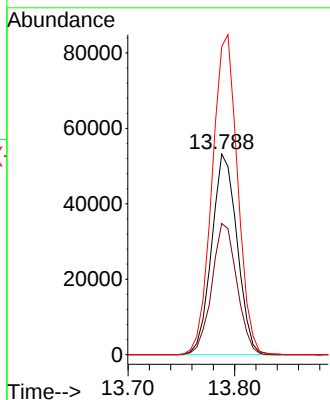
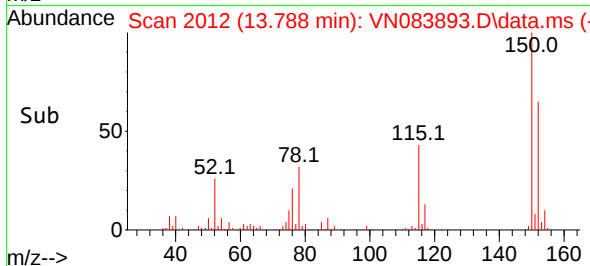


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
FB01-090624

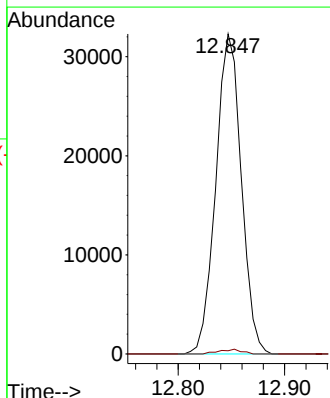
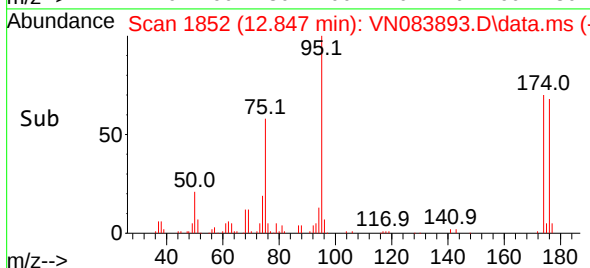
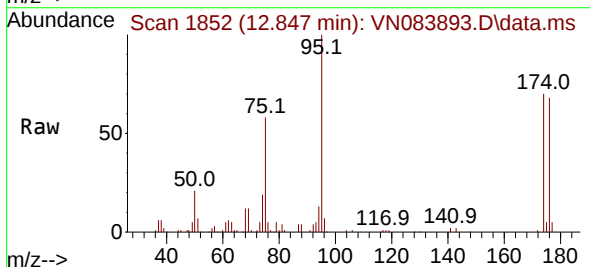


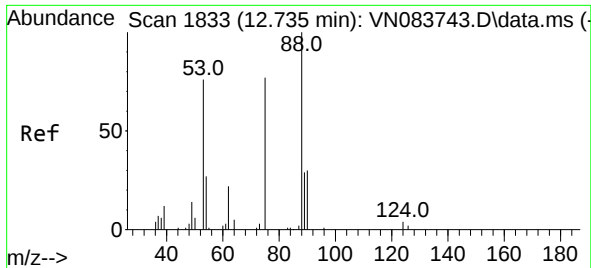
Tgt Ion:152 Resp: 88274
Ion Ratio Lower Upper
152 100
115 64.5 32.2 96.6
150 159.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 30.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Tgt Ion: 75 Resp: 53570
Ion Ratio Lower Upper
75 100
77 1.3 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 78.769 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083893.D
Acq: 14 Sep 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
FB01-090624

Tgt Ion: 75 Resp: 53570
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

