

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085336.D
 Acq On : 27 Dec 2024 19:30
 Operator : JC\MD
 Sample : P5386-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-24-00395-96

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/30/2024
 Supervised By : Mahesh Dadoda 12/30/2024

Quant Time: Dec 28 01:46:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115237	55.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.020%			
35) Dibromofluoromethane	8.165	113	89953	50.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	10.565	98	344580	53.226	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.460%			
62) 4-Bromofluorobenzene	12.847	95	109295	50.834	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.660%			
Target Compounds						
16) Acetone	4.424	43	46090	67.515	ug/l	99
20) Methylene Chloride	5.289	84	3414	1.859	ug/l #	82
30) Chloroform	7.959	83	5217	1.518	ug/l #	75
43) Isopropyl Acetate	8.683	43	163875m	38.764	ug/l	
52) Toluene	10.629	92	16288	3.503	ug/l	99
68) m/p-Xylenes	12.065	106	8201	2.525	ug/l	96
69) o-Xylene	12.394	106	6471	2.060	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	10839	1.907	ug/l	100

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

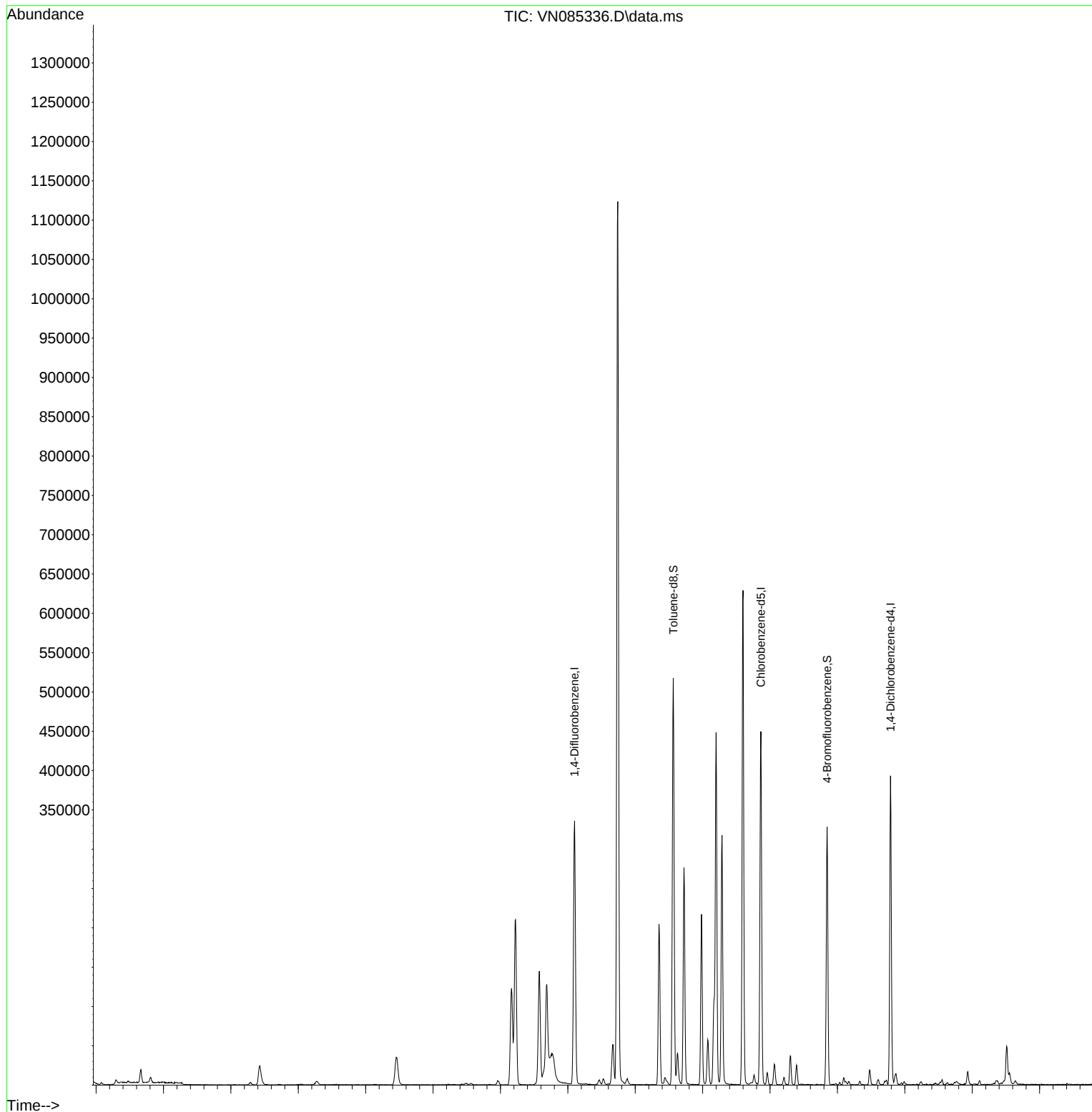
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
Data File : VN085336.D
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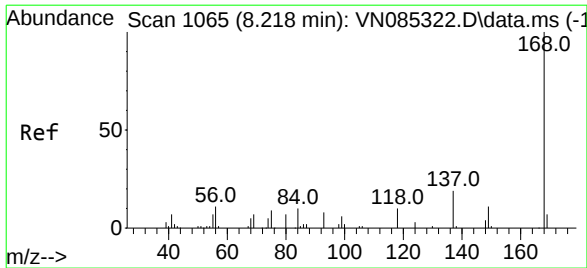
Instrument :
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ClientSampleId :
MOO-24-00395-96

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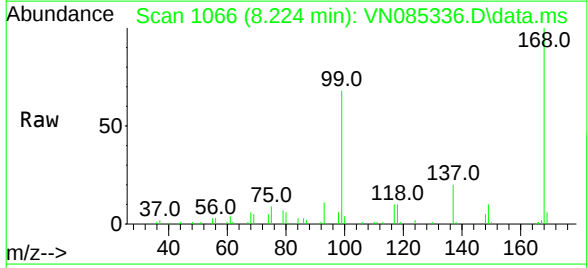
Quant Time: Dec 28 01:46:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

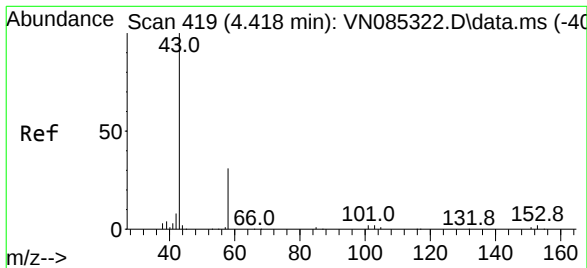
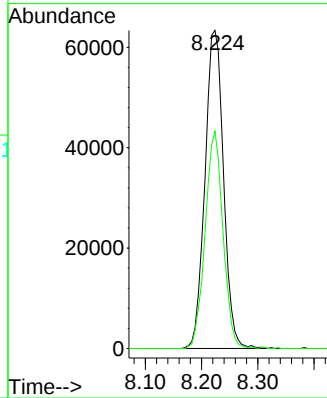
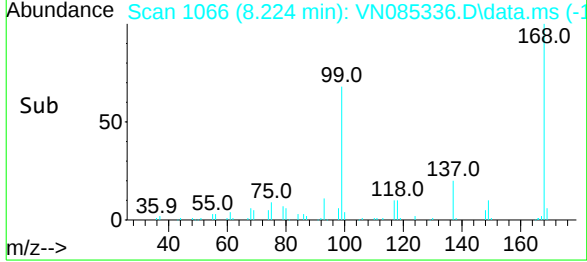
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00395-96



Tgt Ion:168 Resp: 145556
Ion Ratio Lower Upper
168 100
99 68.3 51.0 76.4

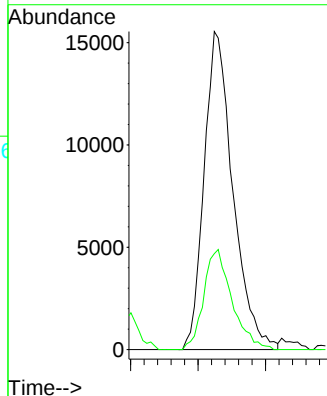
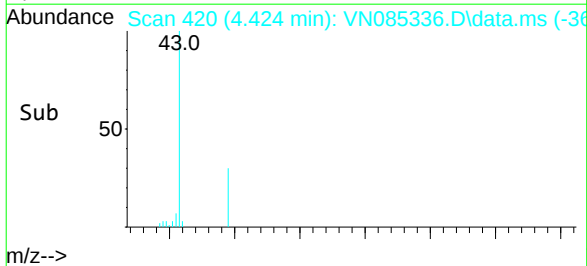
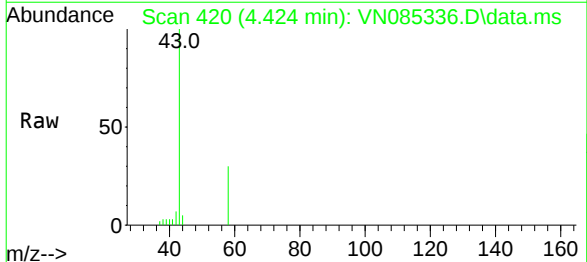
Manual Integrations
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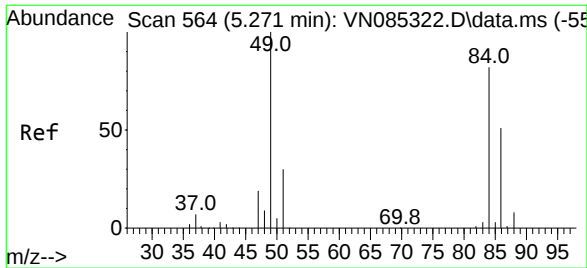
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#16
Acetone
Concen: 67.515 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

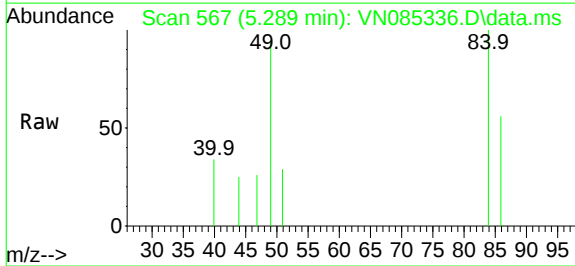
Tgt Ion: 43 Resp: 46090
Ion Ratio Lower Upper
43 100
58 30.2 24.5 36.7





#20
Methylene Chloride
Concen: 1.859 ug/l
RT: 5.289 min Scan# 564
Delta R.T. 0.018 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

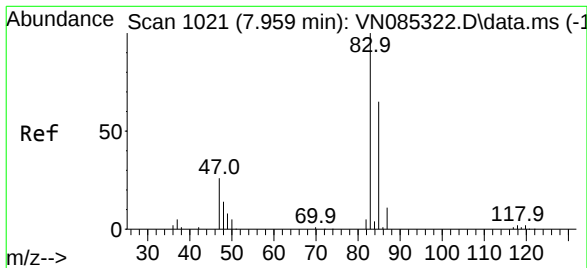
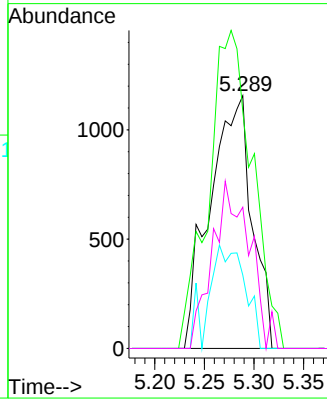
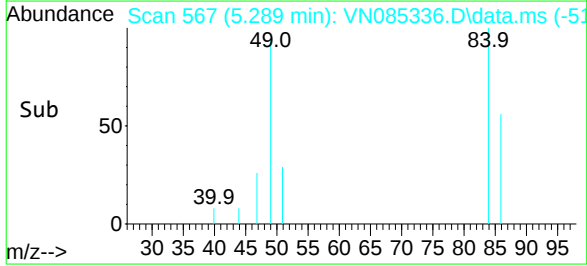
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00395-96



Tgt Ion: 84 Resp: 3414
Ion Ratio Lower Upper
84 100
49 94.0 97.6 146.4#
51 29.1 29.1 43.7#
86 55.9 49.3 73.9

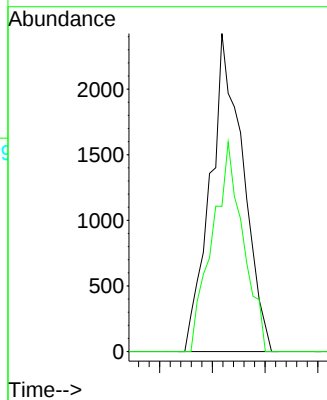
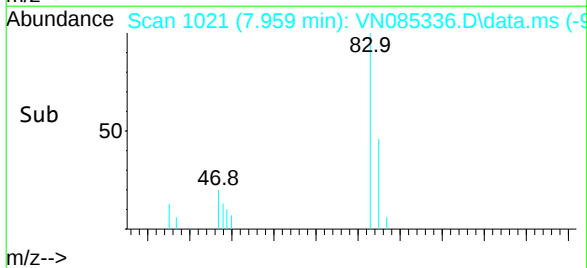
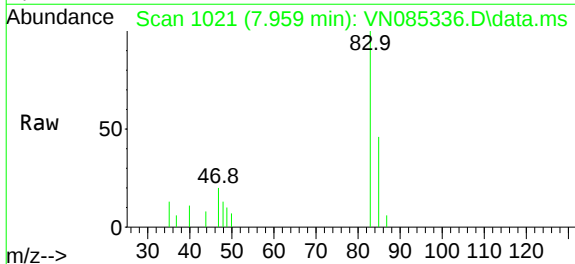
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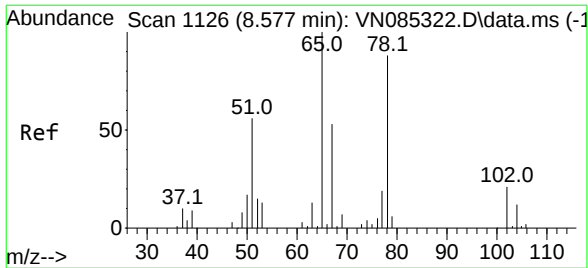
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#30
Chloroform
Concen: 1.518 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

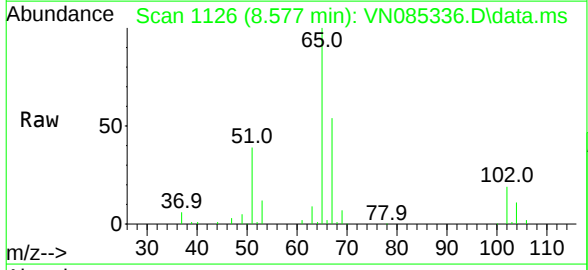
Tgt Ion: 83 Resp: 5217
Ion Ratio Lower Upper
83 100
85 45.7 52.0 78.0#





#33
1,2-Dichloroethane-d4
Concen: 55.508 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

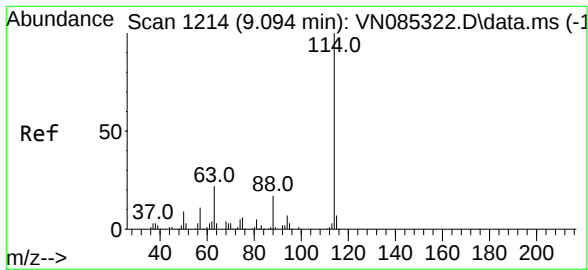
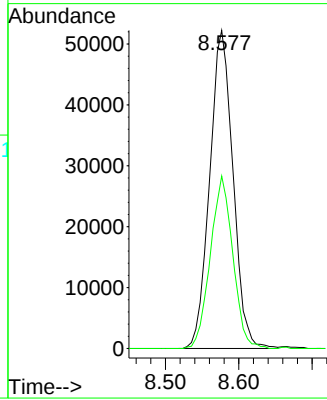
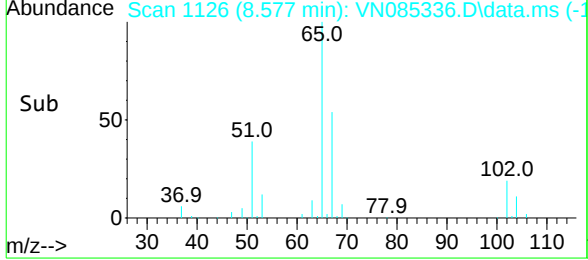
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00395-96



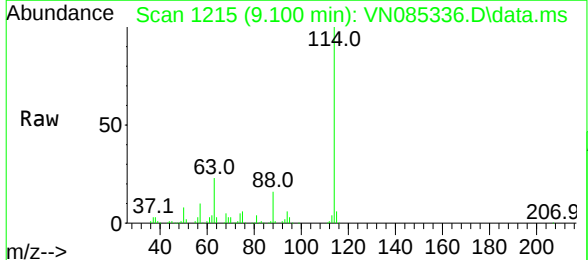
Tgt Ion: 65 Resp: 115237
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.0

Manual Integrations
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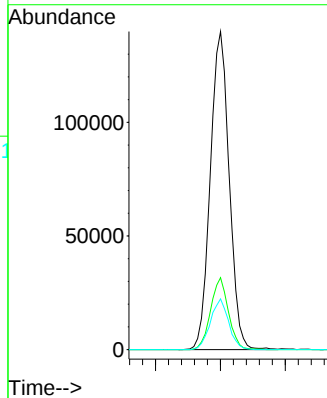
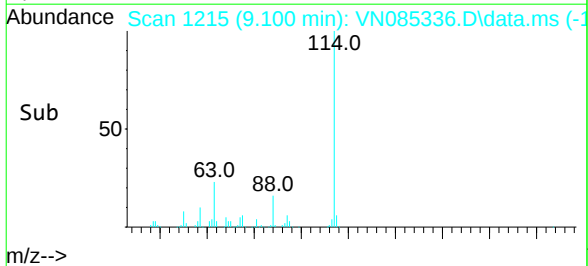
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024

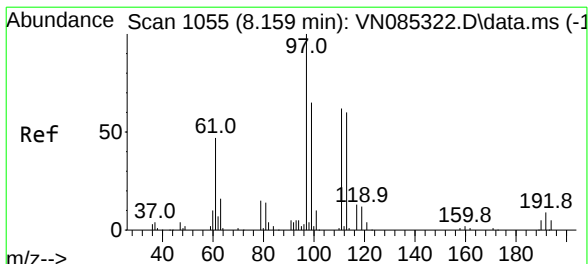


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30



Tgt Ion:114 Resp: 282793
Ion Ratio Lower Upper
114 100
63 22.6 0.0 43.4
88 15.9 0.0 33.6





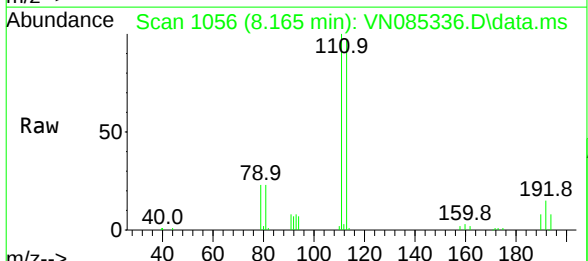
#35
 Dibromofluoromethane
 Concen: 50.988 ug/l
 RT: 8.165 min Scan# 1055
 Delta R.T. 0.006 min
 Lab File: VN085336.D
 Acq: 27 Dec 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

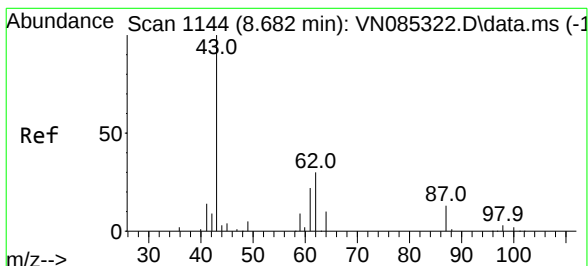
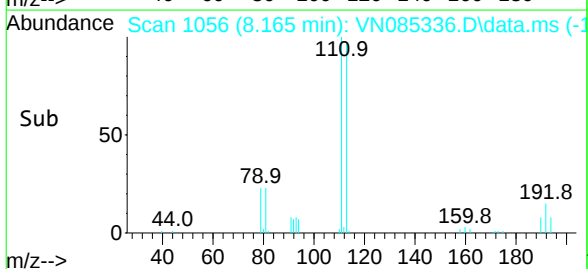
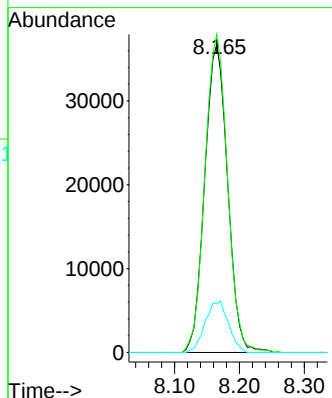
MOO-24-00395-96



Tgt Ion:	113	Resp:	89953
Ion	Ratio	Lower	Upper
113	100		
111	102.1	80.5	120.7
192	17.0	12.9	19.3

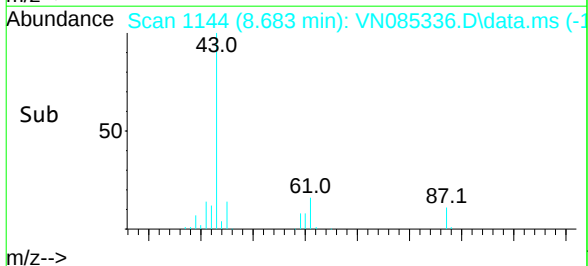
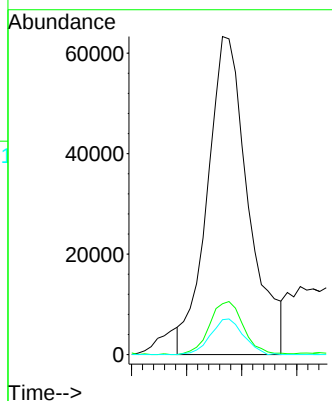
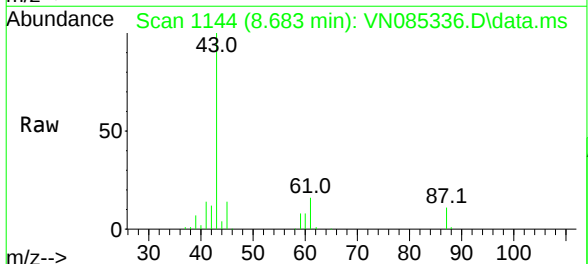
Manual Integrations
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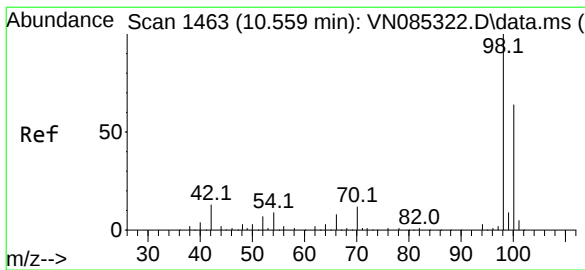
Reviewed By :John Carlone 12/30/2024
 Supervised By :Mahesh Dadoda 12/30/2024



#43
 Isopropyl Acetate
 Concen: 38.764 ug/l m
 RT: 8.683 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VN085336.D
 Acq: 27 Dec 2024 19:30

Tgt Ion:	43	Resp:	163875
Ion	Ratio	Lower	Upper
43	100		
61	13.9	20.8	31.2#
87	9.0	10.2	15.4#





#50

Toluene-d8

Concen: 53.226 ug/l

RT: 10.565 min Scan# 1463

Delta R.T. 0.006 min

Lab File: VN085336.D

Acq: 27 Dec 2024 19:30

Instrument :

MSVOA_N

ClientSampleId :

MOO-24-00395-96

Tgt Ion: 98 Resp: 344580

Ion Ratio Lower Upper

98 100

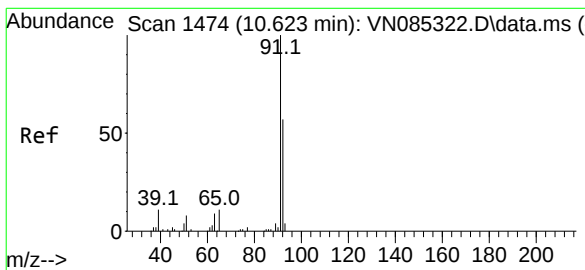
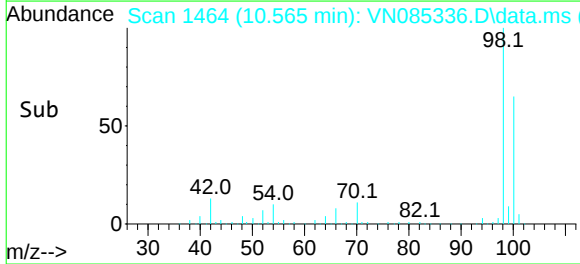
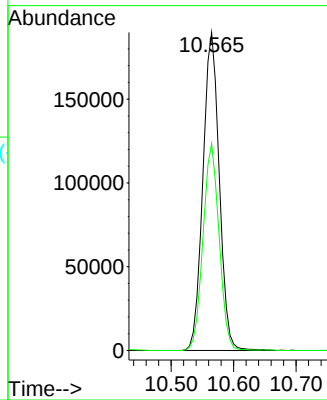
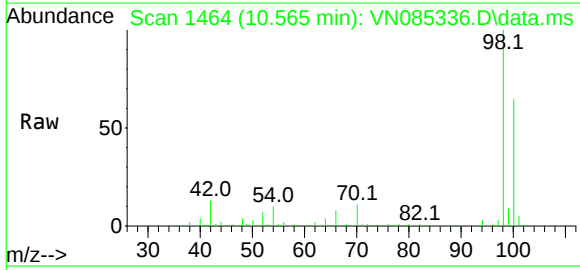
100 64.0 51.5 77.3

Manual Integrations

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Reviewed By :John Carlone 12/30/2024

Supervised By :Mahesh Dadoda 12/30/2024



#52

Toluene

Concen: 3.503 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085336.D

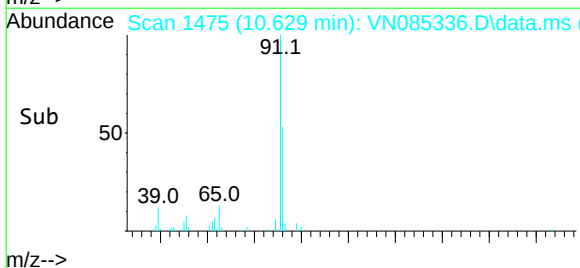
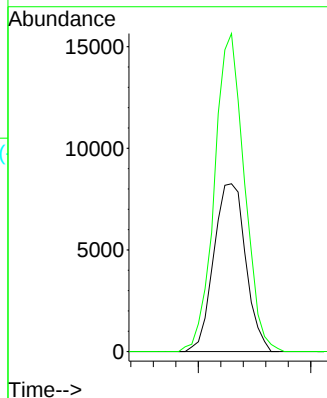
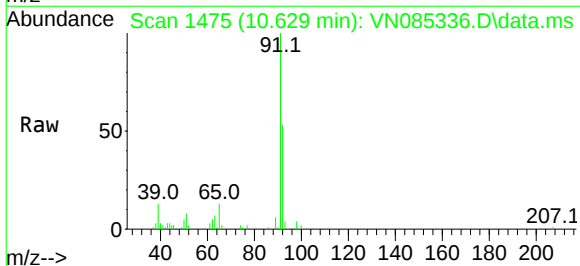
Acq: 27 Dec 2024 19:30

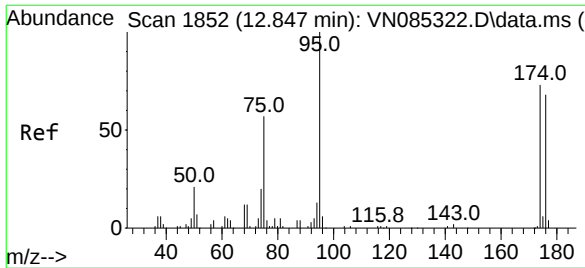
Tgt Ion: 92 Resp: 16288

Ion Ratio Lower Upper

92 100

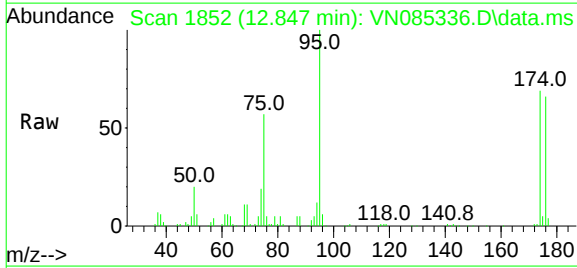
91 177.2 140.2 210.4





#62
4-Bromofluorobenzene
Concen: 50.834 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

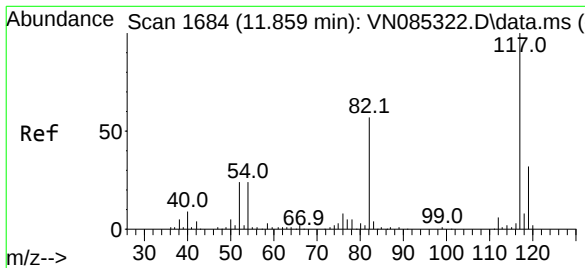
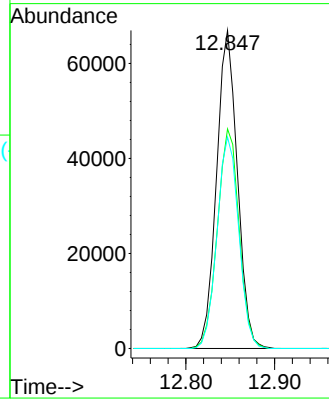
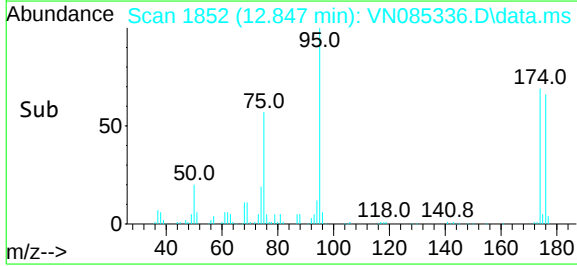
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00395-96



Tgt Ion: 95 Resp: 109295
Ion Ratio Lower Upper
95 100
174 71.8 0.0 143.2
176 69.1 0.0 135.8

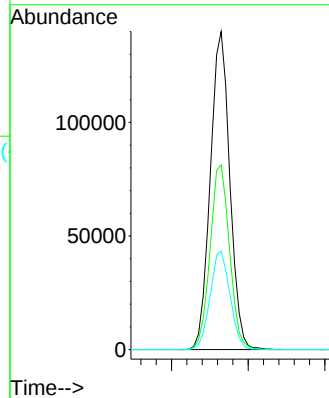
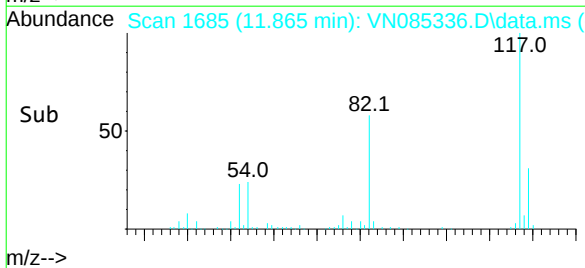
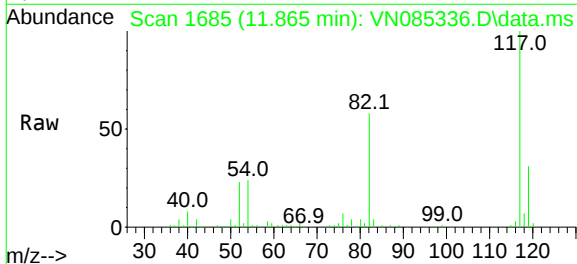
Manual Integrations
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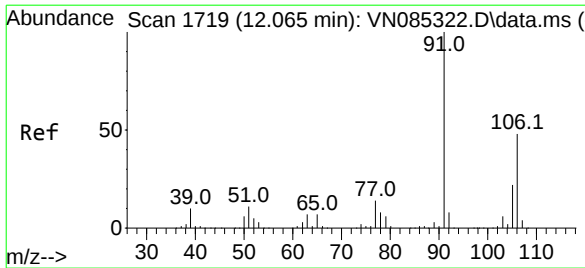
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

Tgt Ion:117 Resp: 246947
Ion Ratio Lower Upper
117 100
82 58.1 45.7 68.5
119 31.0 25.8 38.8





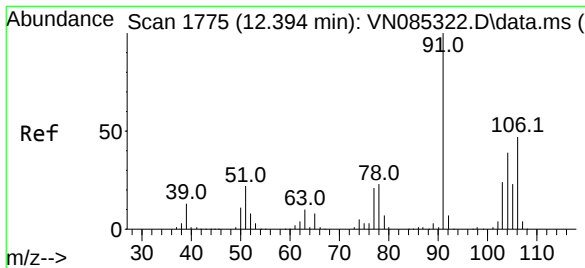
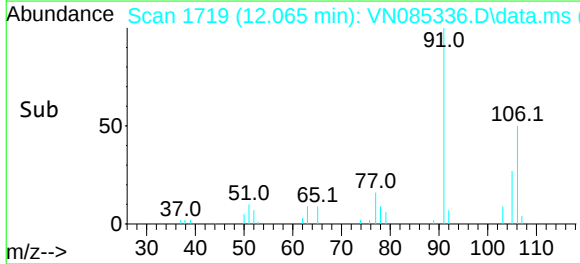
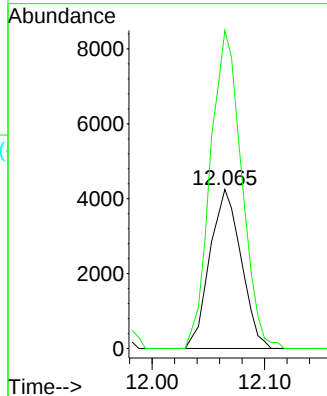
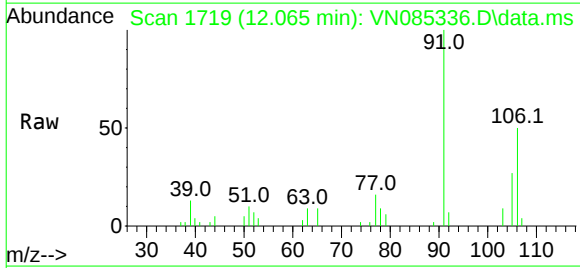
#68
m/p-Xylenes
Concen: 2.525 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00395-96

Tgt Ion:106 Resp: 8201
Ion Ratio Lower Upper
106 100
91 199.7 165.2 247.8

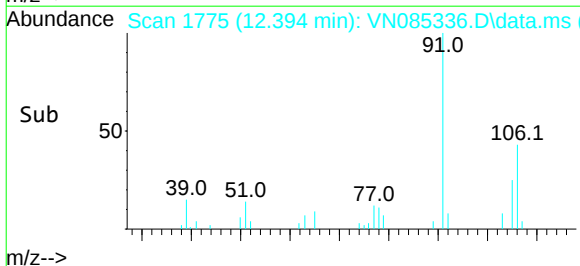
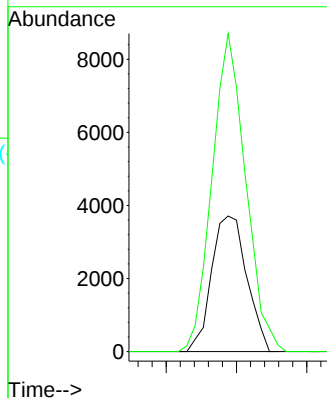
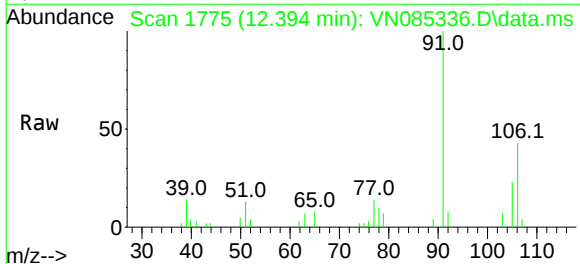
Manual Integrations
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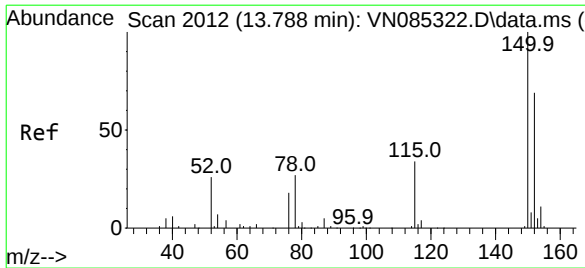
Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#69
o-Xylene
Concen: 2.060 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

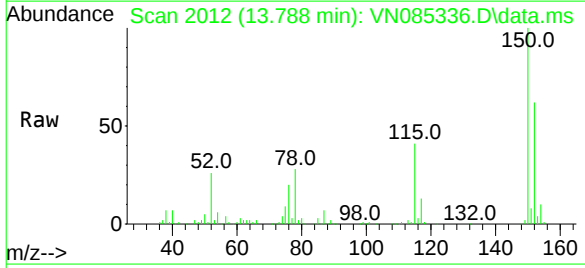
Tgt Ion:106 Resp: 6471
Ion Ratio Lower Upper
106 100
91 222.7 107.3 321.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

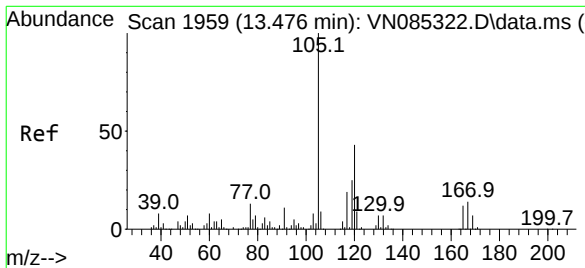
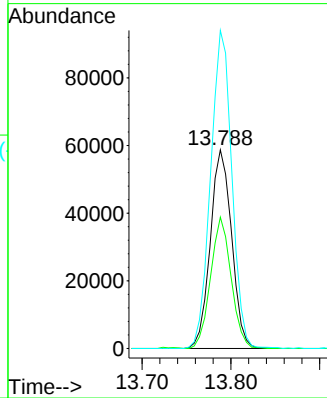
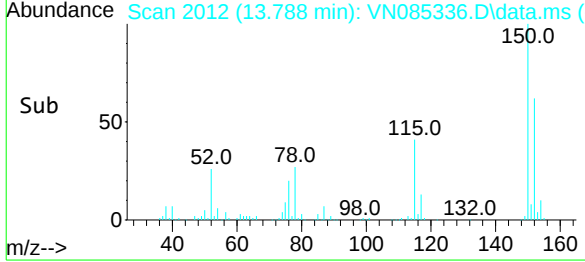
Instrument :
MSVOA_N
ClientSampleId :
MOO-24-00395-96



Tgt Ion:152 Resp: 98126
Ion Ratio Lower Upper
152 100
115 63.6 30.4 91.3
150 159.2 0.0 345.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/30/2024
Supervised By :Mahesh Dadoda 12/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 1.907 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085336.D
Acq: 27 Dec 2024 19:30

Tgt Ion:105 Resp: 10839
Ion Ratio Lower Upper
105 100
120 43.5 21.7 65.1

