

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
 Data File : VX044487.D
 Acq On : 23 Dec 2024 17:54
 Operator : JC/MD
 Sample : P5317-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-04-20241216

Quant Time: Dec 23 22:14:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	141229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	244942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	208216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105913	42.772	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.540%		
35) Dibromofluoromethane	5.385	113	82591	48.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.360%		
50) Toluene-d8	8.647	98	300884	52.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.140%		
62) 4-Bromofluorobenzene	11.079	95	96839	48.423	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.840%		
Target Compounds						
2) Dichlorodifluoromethane	1.166	85	1508	0.691	ug/l	97
3) Chloromethane	1.295	50	1090	0.522	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	2977	1.727	ug/l	95
12) 1,1-Dichloroethene	2.307	96	1007	0.636	ug/l #	76
16) Acetone	2.380	43	1142	1.131	ug/l #	88
27) cis-1,2-Dichloroethene	4.489	96	639	0.299	ug/l	77
30) Chloroform	5.099	83	1586m	0.427	ug/l	
44) Trichloroethene	7.129	130	16176	9.743	ug/l	81

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

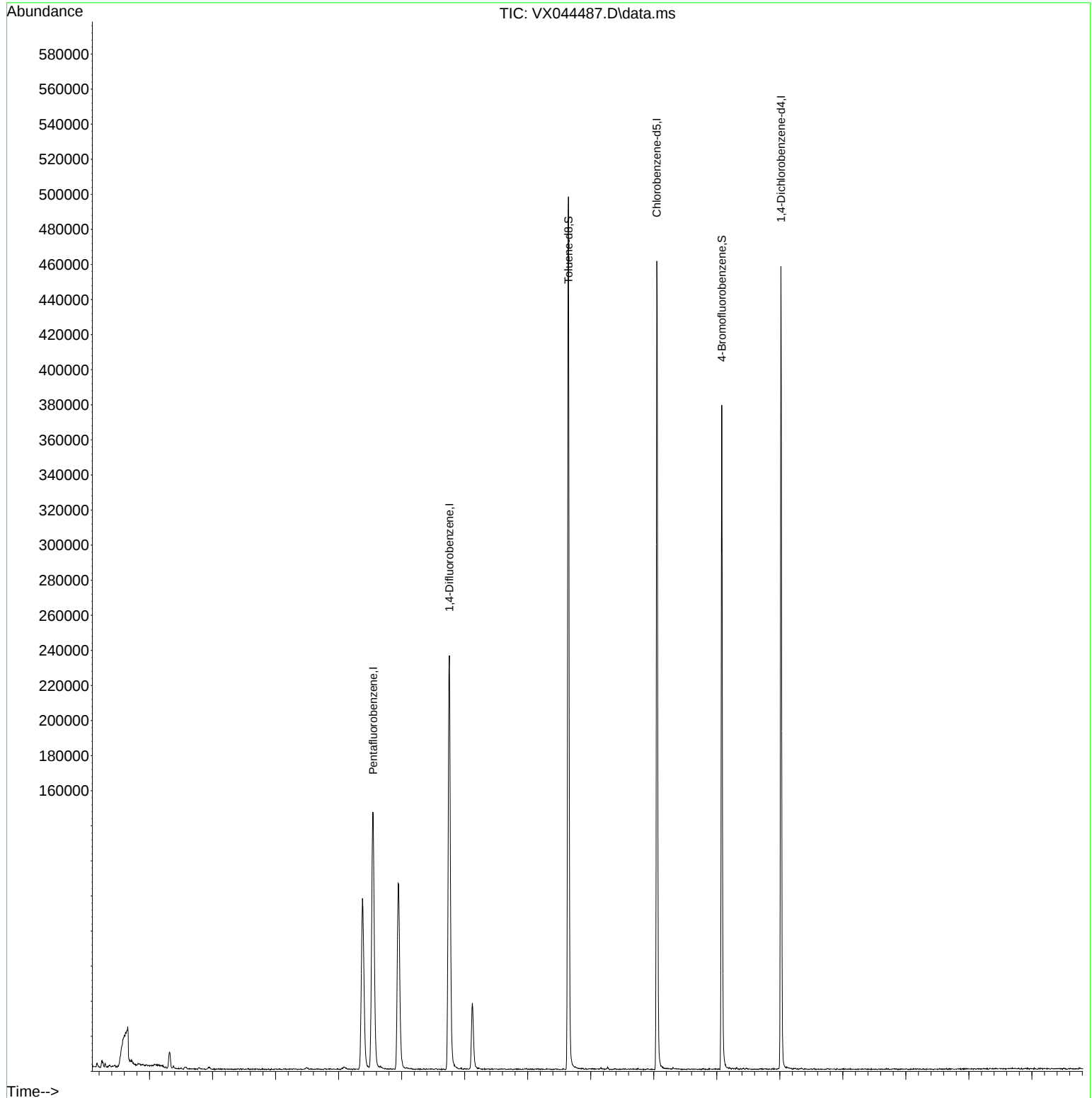
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122324\
Data File : VX044487.D
Acq On : 23 Dec 2024 17:54
Operator : JC/MD
Sample : P5317-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

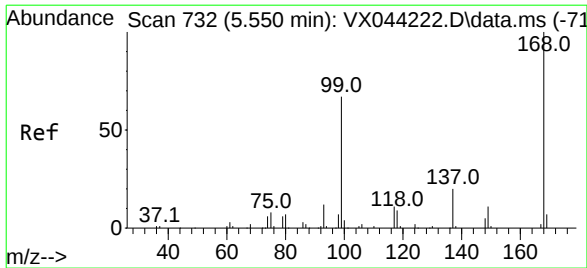
Instrument :
MSVOA_X
ClientSampleId :
DUP-04-20241216

Quant Time: Dec 23 22:14:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration

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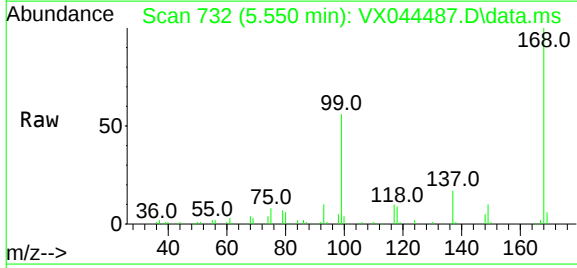
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

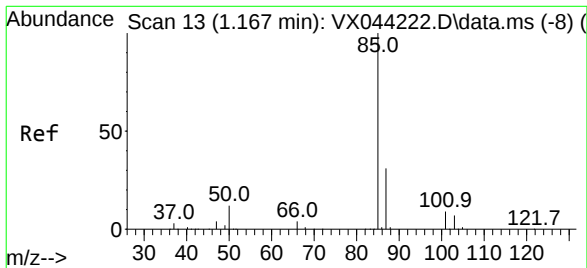
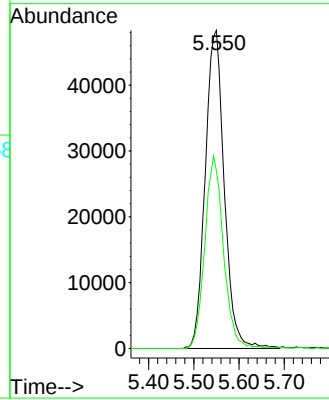
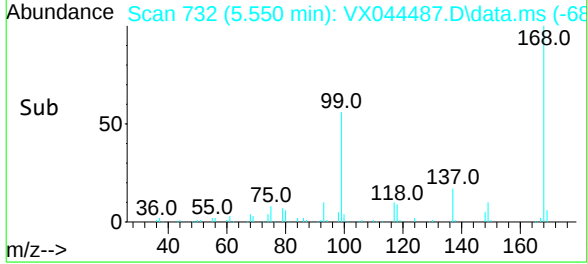
Instrument :
MSVOA_X
ClientSampleId :
DUP-04-20241216



Tgt Ion: 168 Resp: 141229
Ion Ratio Lower Upper
168 100
99 55.8 53.4 80.0

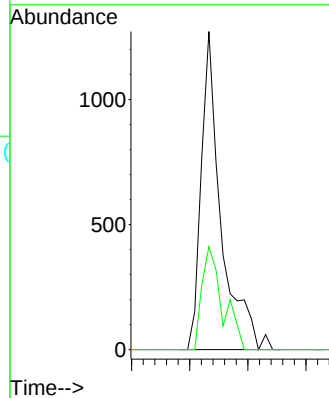
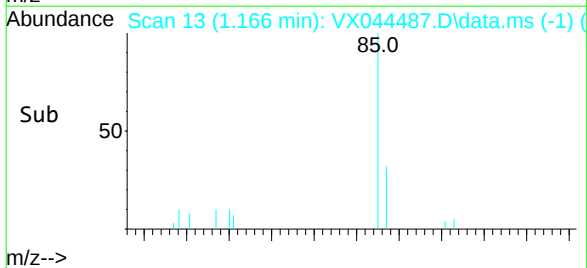
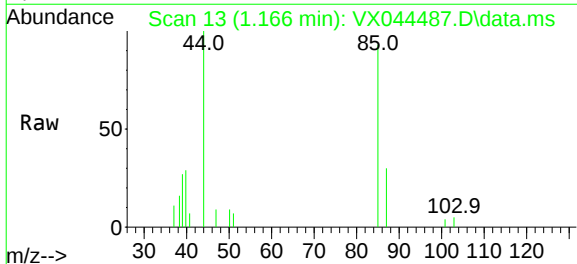
Manual Integrations
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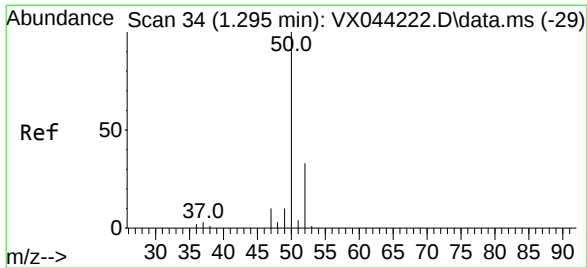
Reviewed By : John Carlone 12/26/2024
Supervised By : Mahesh Dadoda 12/26/2024



#2
Dichlorodifluoromethane
Concen: 0.691 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

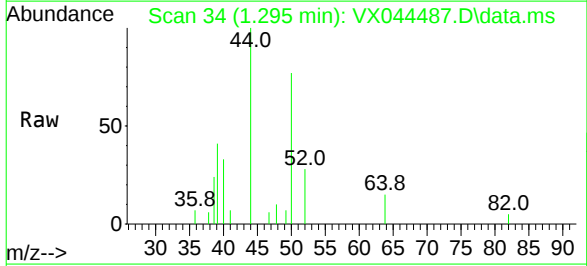
Tgt Ion: 85 Resp: 1508
Ion Ratio Lower Upper
85 100
87 32.4 15.4 46.4





#3
Chloromethane
Concen: 0.522 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

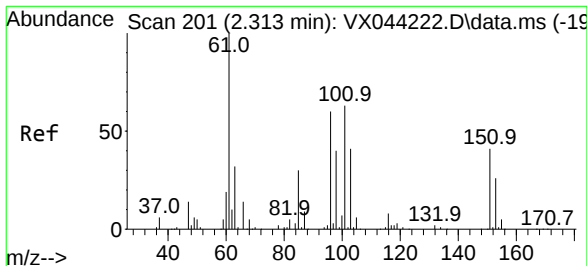
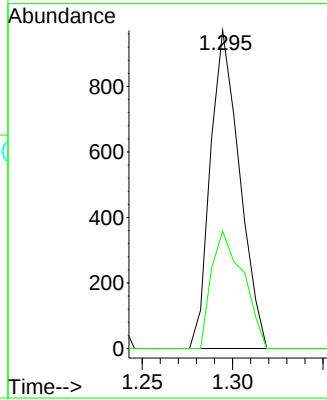
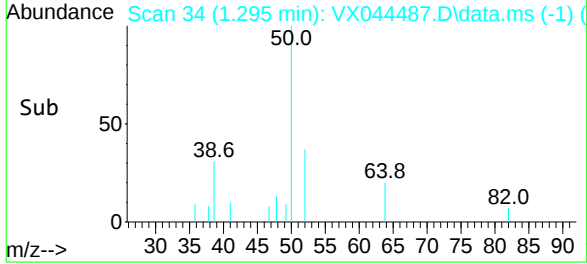
Instrument :
MSVOA_X
ClientSampleId :
DUP-04-20241216



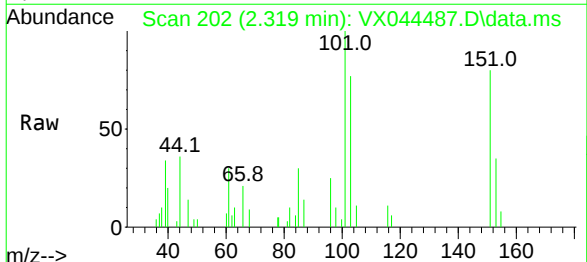
Tgt Ion: 50 Resp: 1090
Ion Ratio Lower Upper
50 100
52 36.9 26.5 39.7

Manual Integrations
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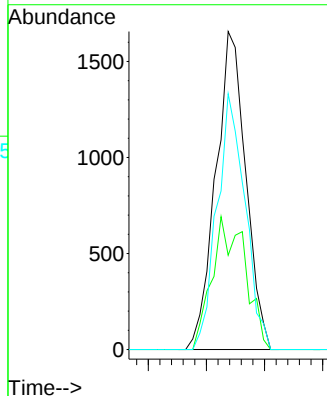
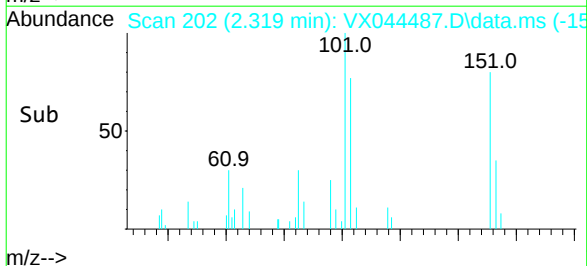
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

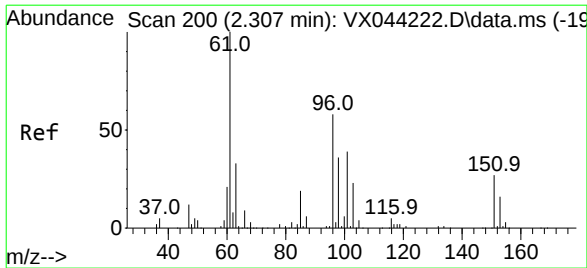


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.727 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54



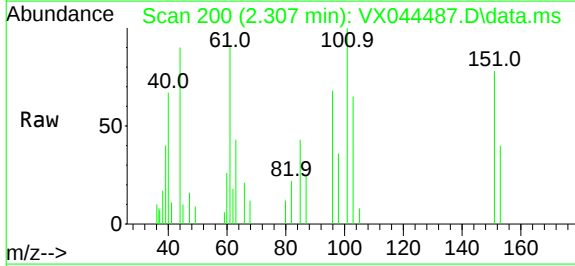
Tgt Ion:101 Resp: 2977
Ion Ratio Lower Upper
101 100
85 46.3 38.5 57.7
151 75.1 55.8 83.6





#12
1,1-Dichloroethene
Concen: 0.636 ug/l
RT: 2.307 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

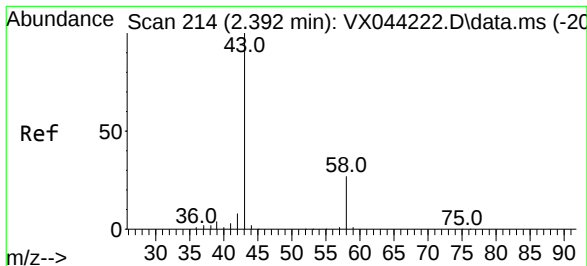
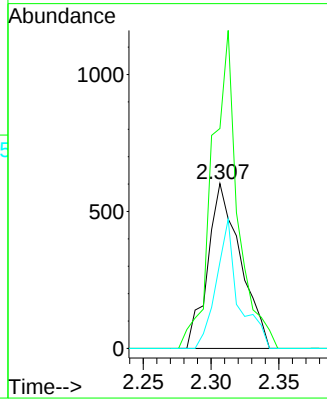
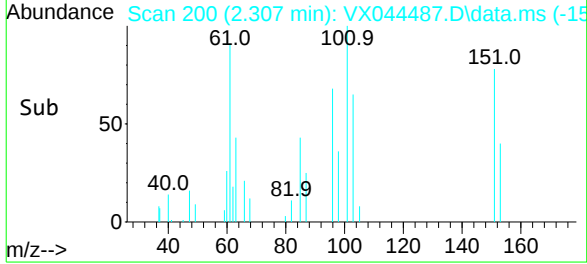
Instrument :
MSVOA_X
ClientSampleId :
DUP-04-20241216



Tgt Ion: 96 Resp: 1007
Ion Ratio Lower Upper
96 100
61 133.4 138.0 207.0#
98 52.3 50.0 75.0

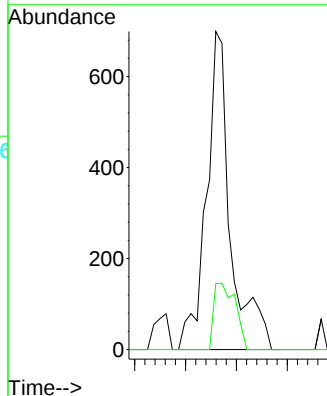
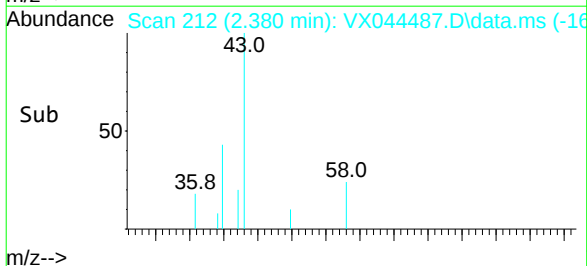
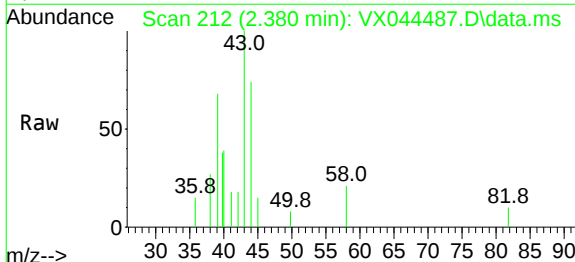
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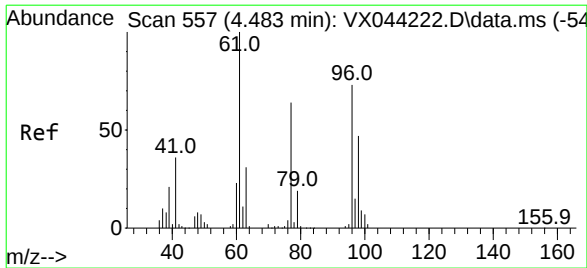
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#16
Acetone
Concen: 1.131 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

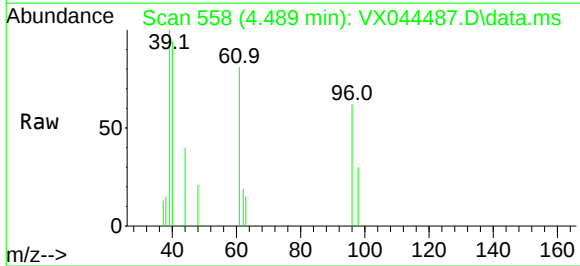
Tgt Ion: 43 Resp: 1142
Ion Ratio Lower Upper
43 100
58 20.7 21.6 32.4#





#27
 cis-1,2-Dichloroethene
 Concen: 0.299 ug/l
 RT: 4.489 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VX044487.D
 Acq: 23 Dec 2024 17:54

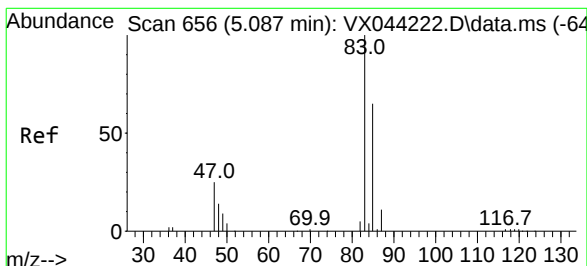
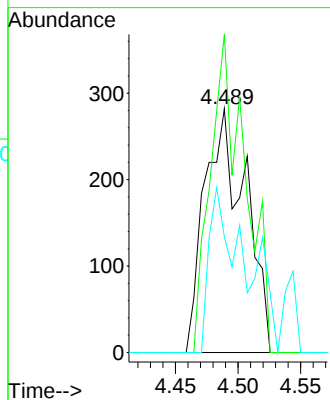
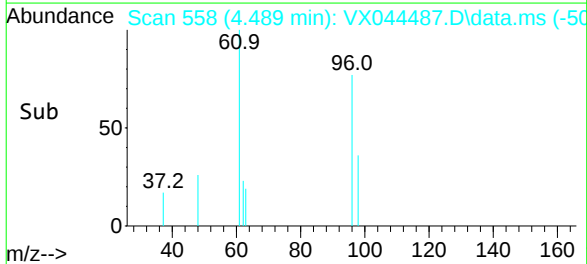
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-04-20241216



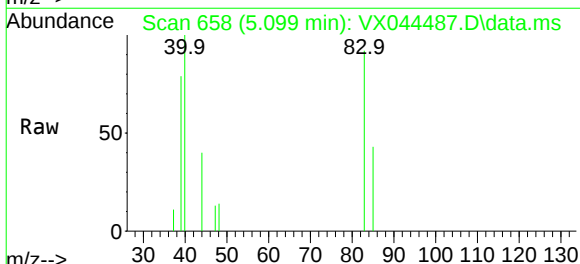
Tgt Ion: 96 Resp: 639
 Ion Ratio Lower Upper
 96 100
 61 111.0 0.0 299.0
 98 60.7 0.0 129.0

Manual Integrations
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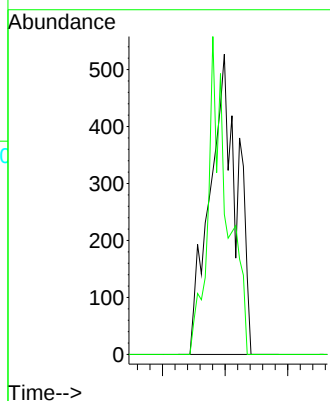
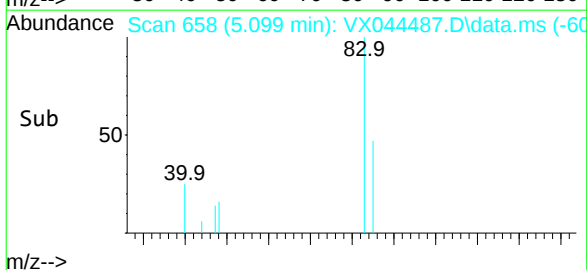
Reviewed By :John Carlone 12/26/2024
 Supervised By :Mahesh Dadoda 12/26/2024

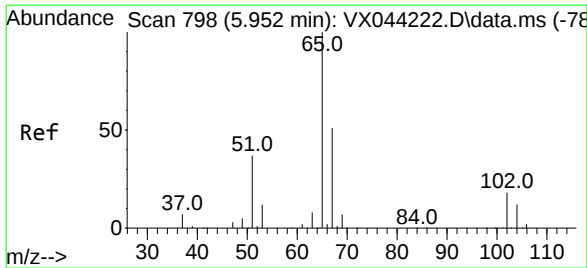


#30
 Chloroform
 Concen: 0.427 ug/l m
 RT: 5.099 min Scan# 658
 Delta R.T. 0.012 min
 Lab File: VX044487.D
 Acq: 23 Dec 2024 17:54



Tgt Ion: 83 Resp: 1586
 Ion Ratio Lower Upper
 83 100
 85 46.7 51.6 77.4#





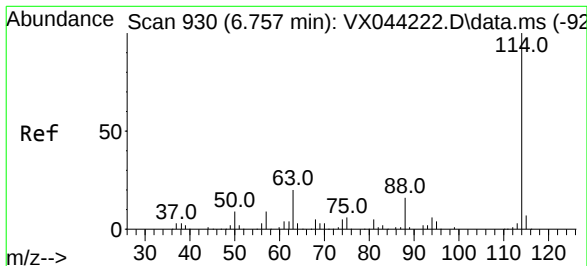
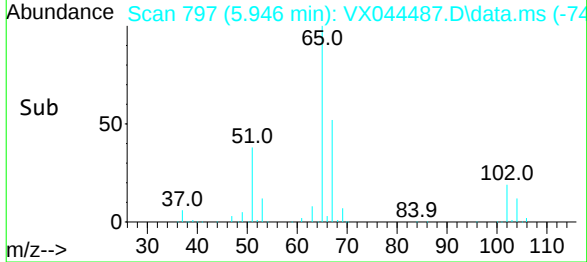
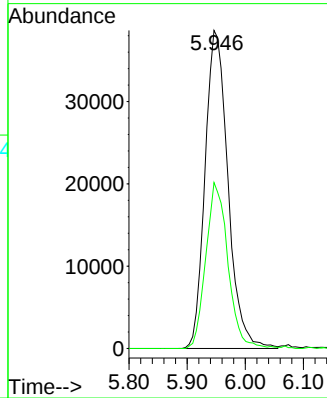
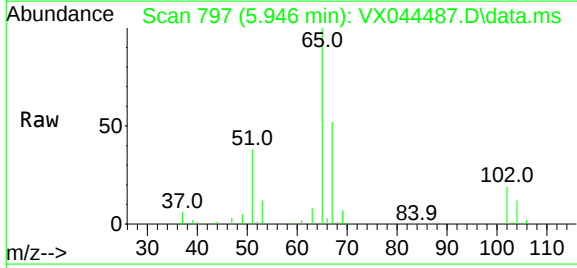
#33
1,2-Dichloroethane-d4
Concen: 42.772 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

Instrument :
MSVOA_X
ClientSampleId :
DUP-04-20241216

Tgt Ion: 65 Resp: 105913
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.6

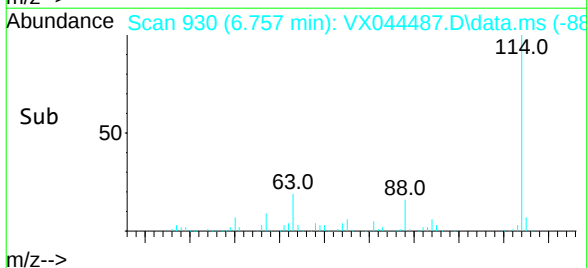
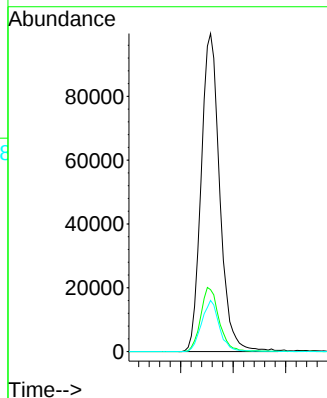
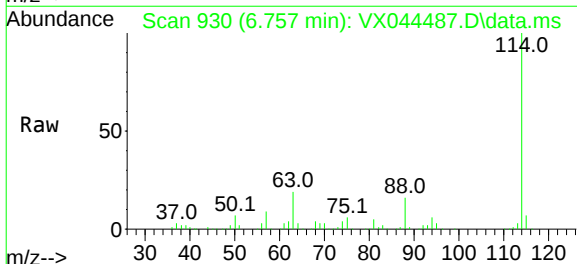
Manual Integrations
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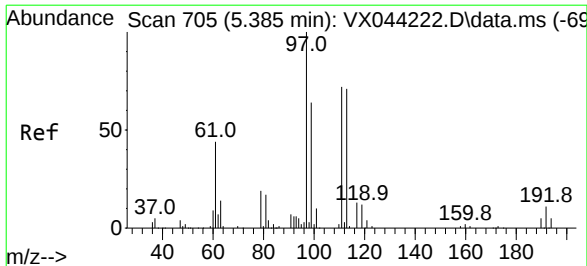
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

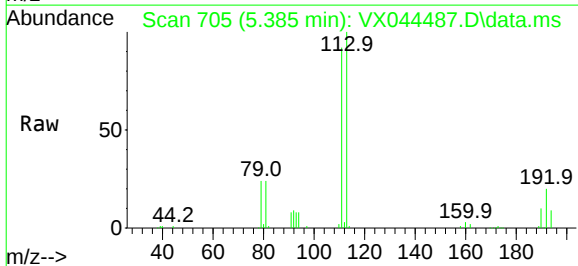
Tgt Ion:114 Resp: 244942
Ion Ratio Lower Upper
114 100
63 19.5 0.0 40.6
88 16.1 0.0 31.8





#35
Dibromofluoromethane
Concen: 48.685 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

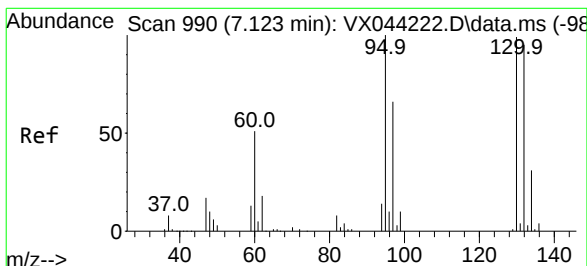
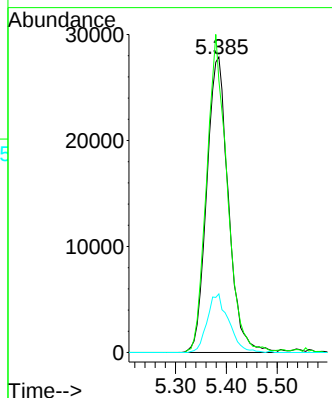
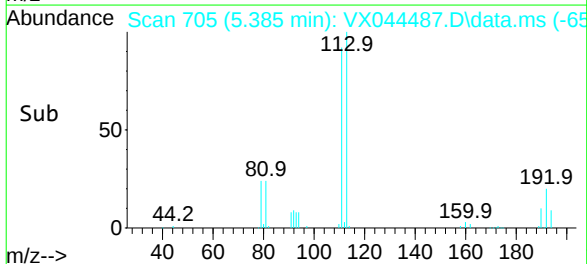
Instrument :
MSVOA_X
ClientSampleId :
DUP-04-20241216



Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	80.4	120.6
192	19.6	13.3	19.9

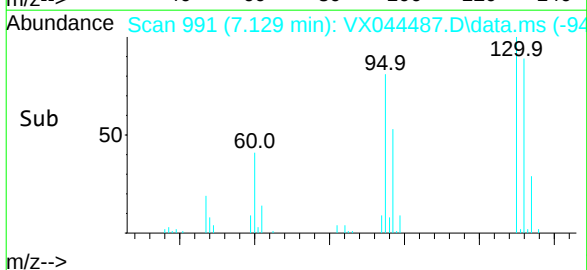
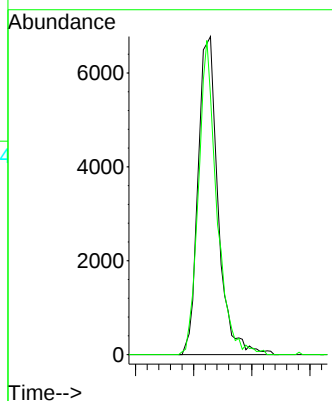
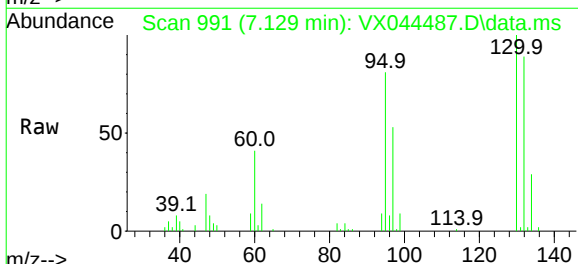
Manual Integrations
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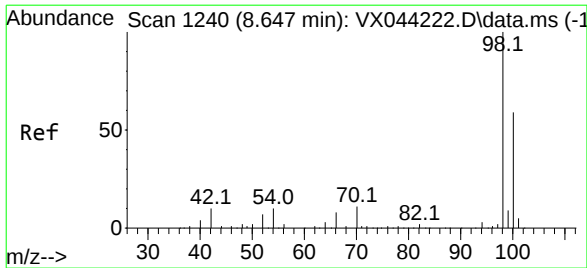
Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024



#44
Trichloroethene
Concen: 9.743 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX044487.D
Acq: 23 Dec 2024 17:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	81.5	0.0	201.4





#50

Toluene-d8

Concen: 52.572 ug/l

RT: 8.647 min Scan# 12

Delta R.T. -0.000 min

Lab File: VX044487.D

Acq: 23 Dec 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

DUP-04-20241216

Tgt Ion: 98 Resp: 300884

Ion Ratio Lower Upper

98 100

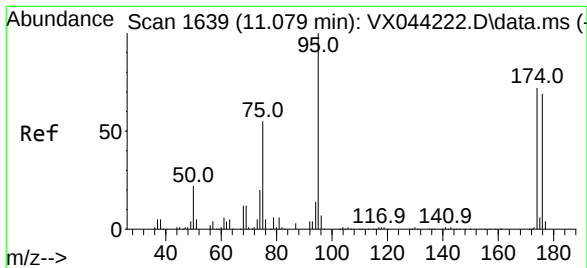
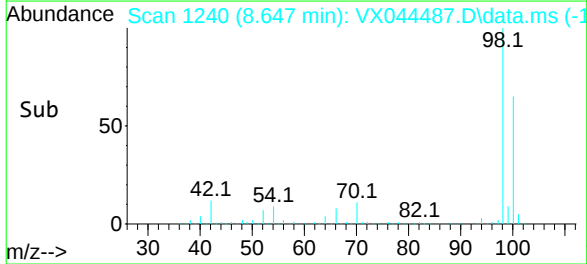
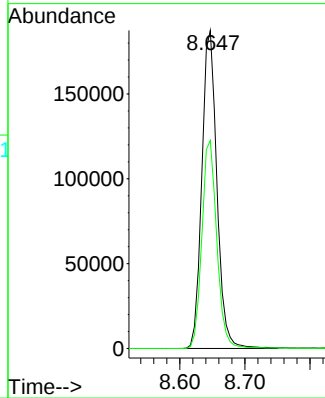
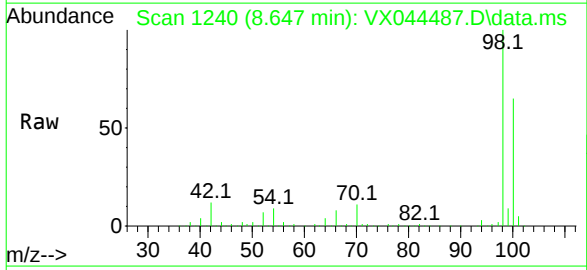
100 65.0 51.5 77.3

Manual Integrations

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Supervised By :Mahesh Dadoda 12/26/2024



#62

4-Bromofluorobenzene

Concen: 48.423 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044487.D

Acq: 23 Dec 2024 17:54

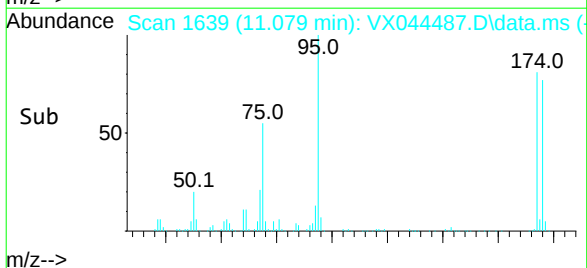
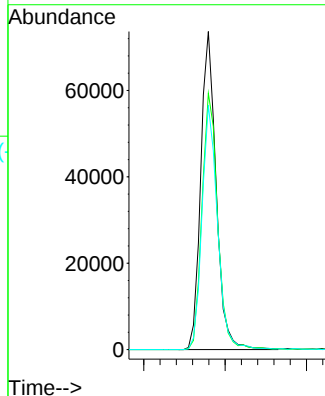
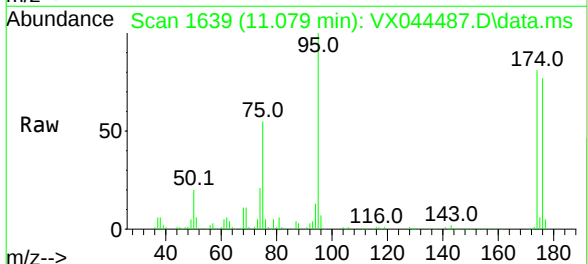
Tgt Ion: 95 Resp: 96839

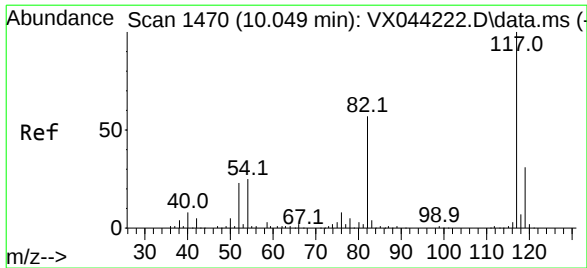
Ion Ratio Lower Upper

95 100

174 82.0 0.0 145.8

176 77.6 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044487.D

Acq: 23 Dec 2024 17:54

Instrument :

MSVOA_X

ClientSampleId :

DUP-04-20241216

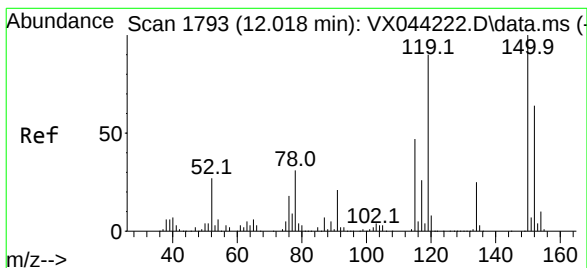
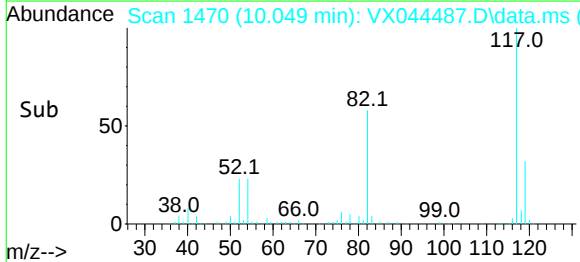
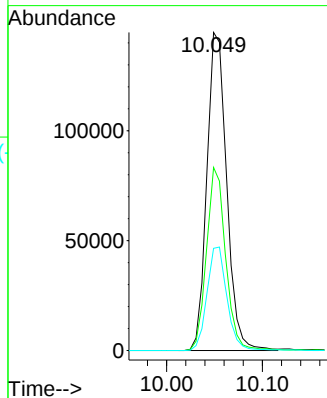
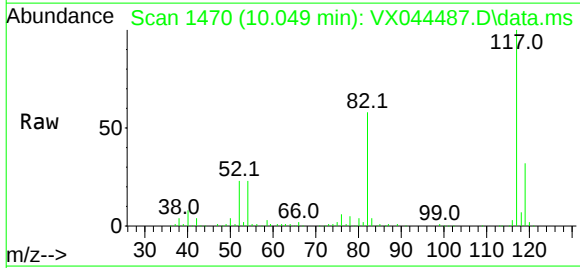
Tgt Ion:	117	Resp:	208216
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.8	68.8
119	32.1	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/26/2024

Supervised By :Mahesh Dadoda 12/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX044487.D

Acq: 23 Dec 2024 17:54

Tgt Ion:	152	Resp:	92708
Ion	Ratio	Lower	Upper
152	100		
115	58.8	44.5	133.3
150	156.6	0.0	353.8

