

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101124\
 Data File : VW030553.D
 Acq On : 11 Oct 2024 16:50
 Operator : SY/MD
 Sample : P4350-01
 Misc : 3.91g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 14 01:43:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 01:34:28 2024
 Response via : Initial Calibration

Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		8.843	114	302551	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	240163	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	76716	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.363	65	120427	25.323	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.280%	
7) Chloroethane-d5		2.899	69	96629	26.843	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.360%	
11) 1,1-Dichloroethene-d2		4.021	65	48106	24.321	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.280%	
21) 2-Butanone-d5		7.191	46	300	0.351	ug/L	0.12
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.700%#	
24) Chloroform-d		7.648	84	203469	23.516	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%	
26) 1,2-Dichloroethane-d4		8.307	65	116089	25.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.200%	
32) Benzene-d6		8.276	84	399372	28.651	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.600%	
36) 1,2-Dichloropropane-d6		9.276	67	120784	29.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.080%	
41) Toluene-d8		10.325	98	346965	27.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.080%	
43) trans-1,3-Dichloroprop...		10.575	79	44261	25.836	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.360%	
47) 2-Hexanone-d5		10.922	63	35902	68.132	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.260%#	
56) 1,1,2,2-Tetrachloroeth...		12.690	84	73239	24.376	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.520%	
66) 1,2-Dichlorobenzene-d4		13.848	152	59555	22.943	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.760%	
Target Compounds							Qvalue
13) Acetone		4.118	43	62461	49.851	ug/L	97
22) 2-Butanone		7.179	43	13005	9.629	ug/L	98
29) Cyclohexane		7.959	56	18624	3.186	ug/L	94
33) Benzene		8.325	78	2521026	161.308	ug/L	100
35) Methylcyclohexane		9.337	83	87146	12.735	ug/L	94
42) Toluene		10.386	91	9909	0.594	ug/L	99
45) 1,1,2-Trichloroethane		10.764	97	5977	2.119	ug/L #	23
52) Ethylbenzene		11.727	91	200531	10.540	ug/L	98
53) m,p-Xylene		11.843	106	33747	4.735	ug/L	91
54) o-Xylene		12.166	106	53787	8.162	ug/L	95
55) Styrene		12.166	104	3761	0.334	ug/L #	1
60) Isopropylbenzene		12.458	105	642818	54.107	ug/L	100
62) 1,3,5-Trimethylbenzene		12.940	105	78427	8.368	ug/L	98
63) 1,2,4-Trimethylbenzene		13.245	105	507490	55.301	ug/L	100
68) 1,2-Dibromo-3-chloropr...		14.482	75	15687	47.128	ug/L #	10
71) Naphthalene		15.360	128	128310	27.053	ug/L	98

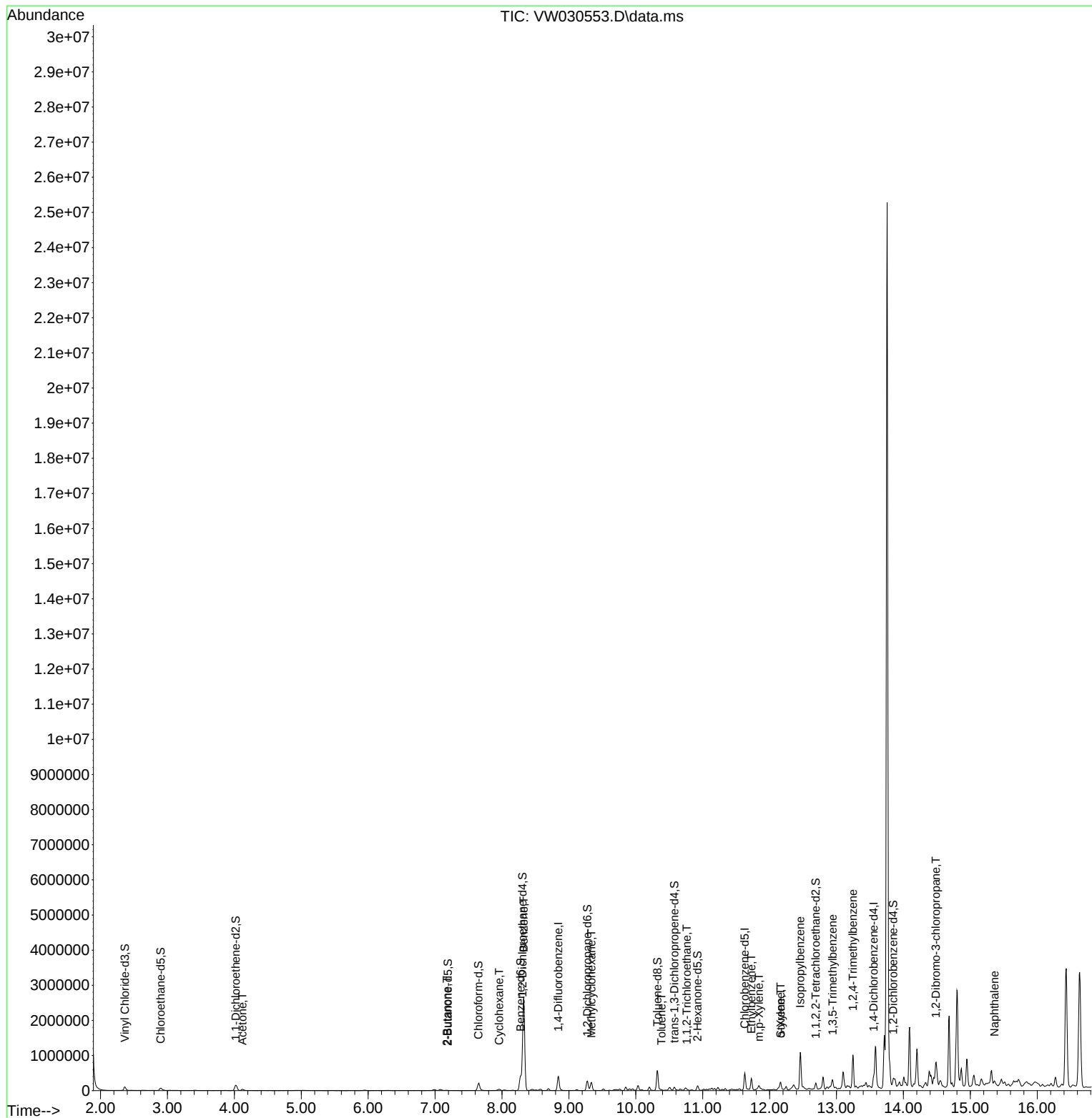
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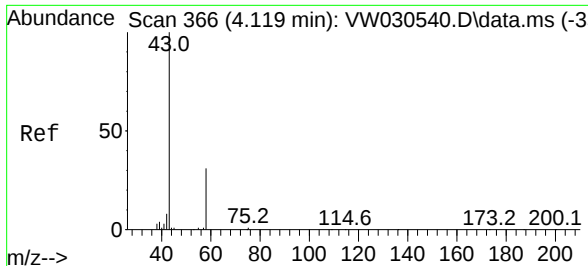
Instrument :
MSVOA_W
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Oct 14 01:34:28 2024
Response via : Initial Calibration

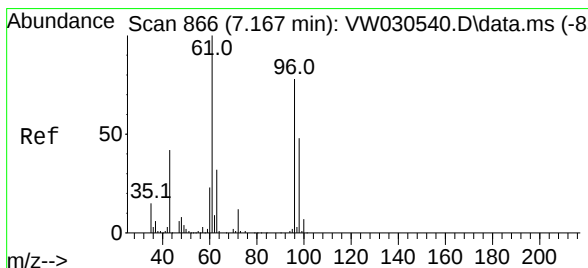
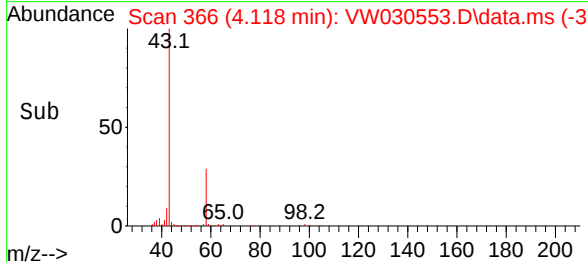
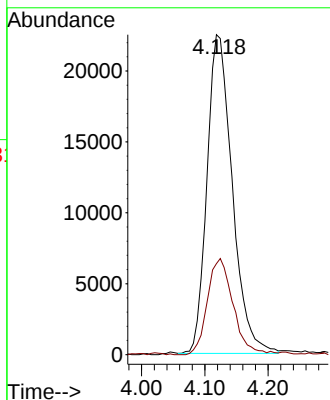
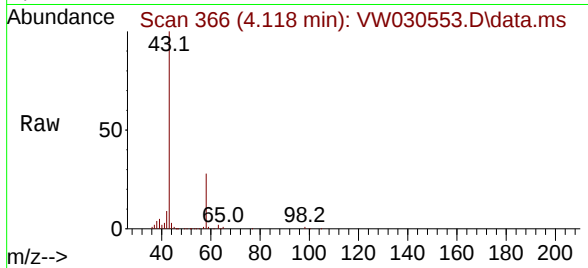




#13
Acetone
Concen: 49.851 ug/L
RT: 4.118 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW030553.D
Acq: 11 Oct 2024 16:50

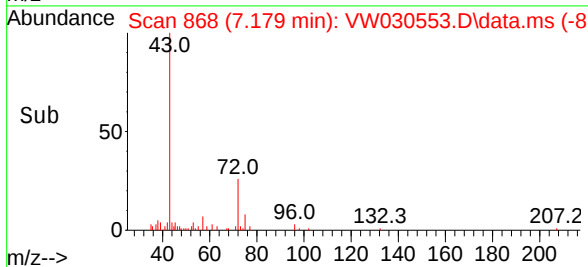
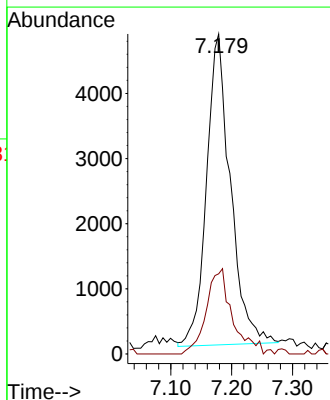
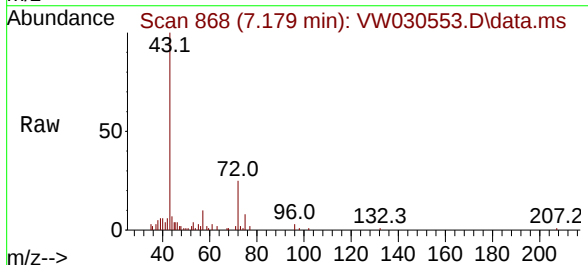
Instrument :
MSVOA_W
ClientSampleId :

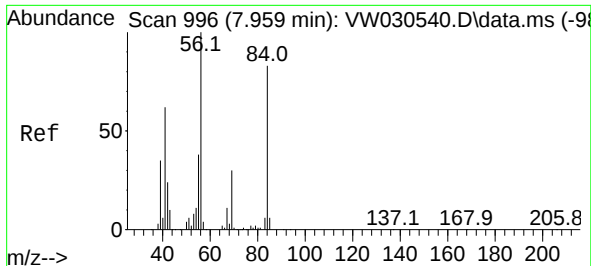
Tgt Ion: 43 Resp: 62461
Ion Ratio Lower Upper
43 100
58 30.4 0.0 57.6



#22
2-Butanone
Concen: 9.629 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW030553.D
Acq: 11 Oct 2024 16:50

Tgt Ion: 43 Resp: 13005
Ion Ratio Lower Upper
43 100
72 27.5 14.4 43.0





#29

Cyclohexane

Concen: 3.186 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

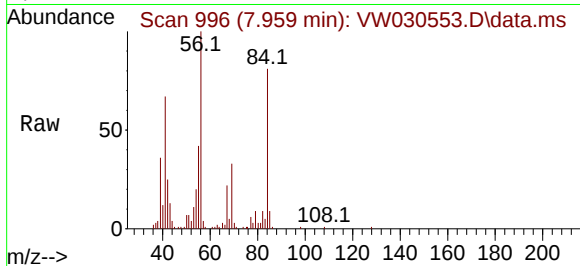
Lab File: VW030553.D

Acq: 11 Oct 2024 16:50

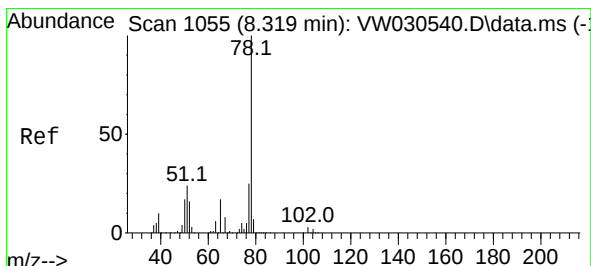
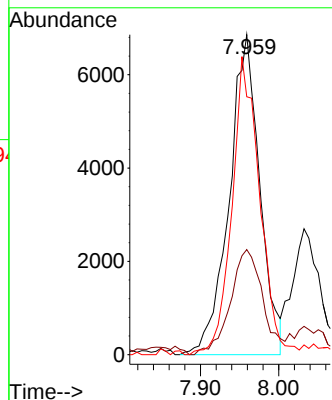
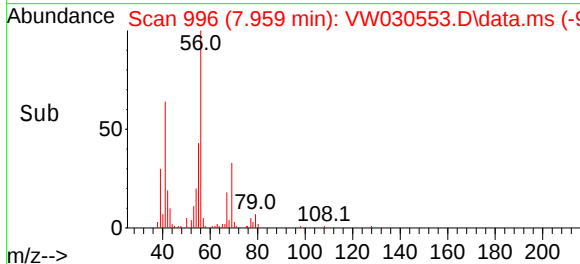
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 56	Resp: 18624
Ion Ratio	Lower Upper
56	100
69	30.4 25.4 38.0
84	83.6 72.3 108.5



#33

Benzene

Concen: 161.308 ug/L

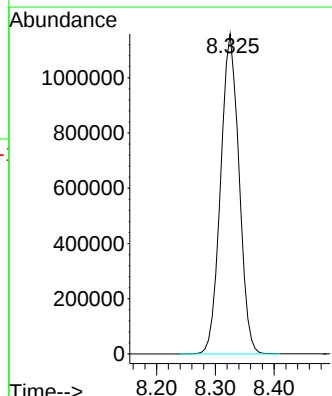
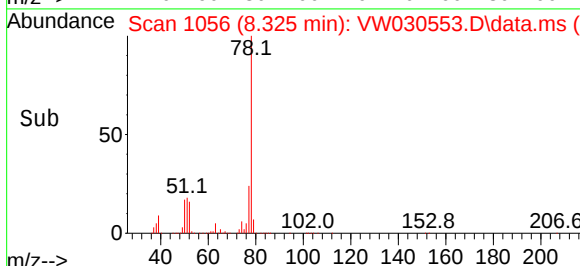
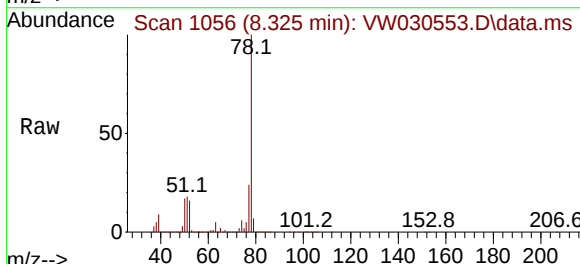
RT: 8.325 min Scan# 1056

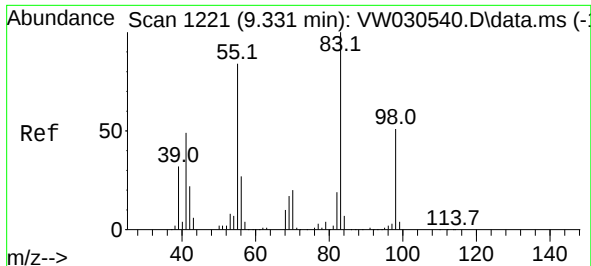
Delta R.T. 0.006 min

Lab File: VW030553.D

Acq: 11 Oct 2024 16:50

Tgt Ion: 78 Resp: 2521026





#35

Methylcyclohexane

Concen: 12.735 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030553.D

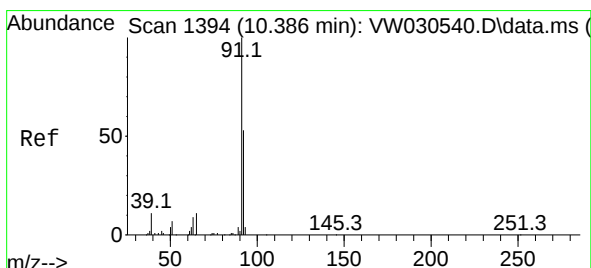
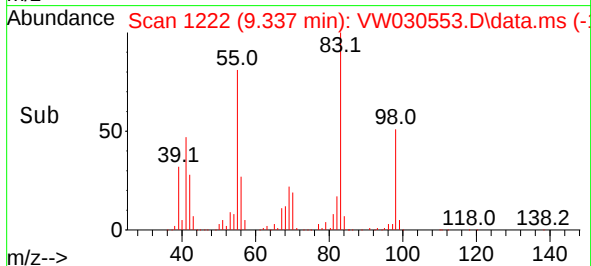
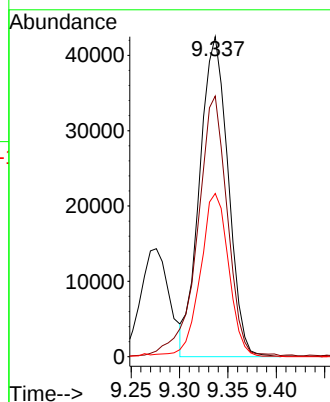
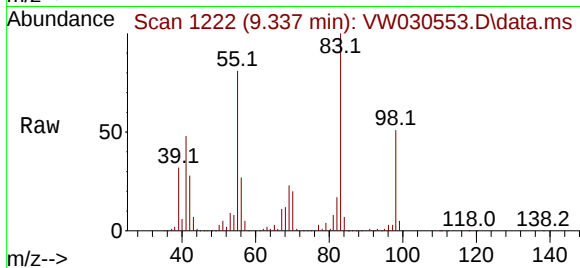
Acq: 11 Oct 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	87146
Ion	Ratio	Lower	Upper
83	100		
55	84.4	61.8	92.8
98	50.7	39.3	58.9



#42

Toluene

Concen: 0.594 ug/L

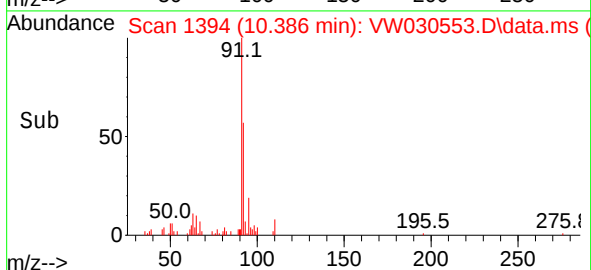
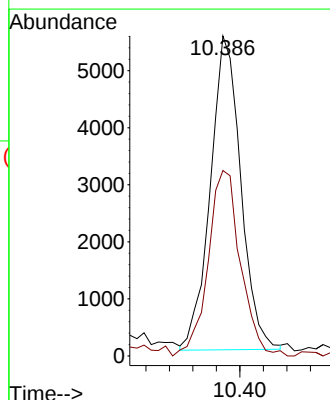
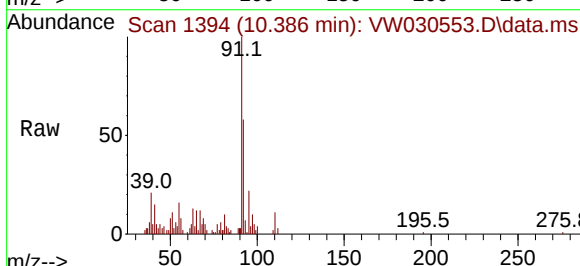
RT: 10.386 min Scan# 1394

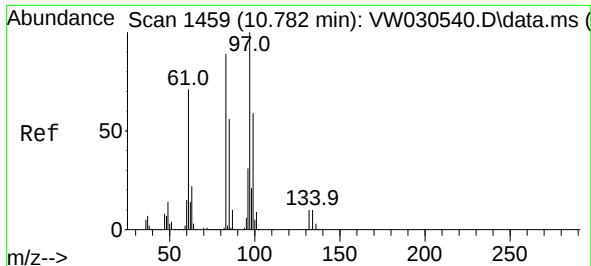
Delta R.T. -0.000 min

Lab File: VW030553.D

Acq: 11 Oct 2024 16:50

Tgt Ion:	91	Resp:	9909
Ion	Ratio	Lower	Upper
91	100		
92	58.0	40.3	74.8





#45

1,1,2-Trichloroethane

Concen: 2.119 ug/L

RT: 10.764 min Scan# 1456

Delta R.T. -0.018 min

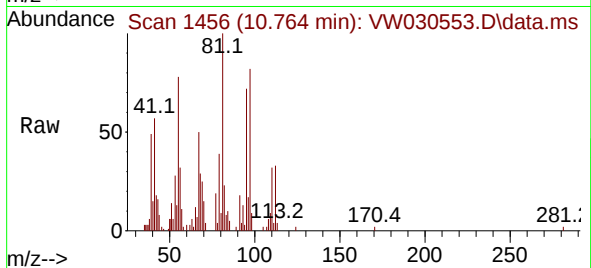
Lab File: VW030553.D

Acq: 11 Oct 2024 16:50

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 5977

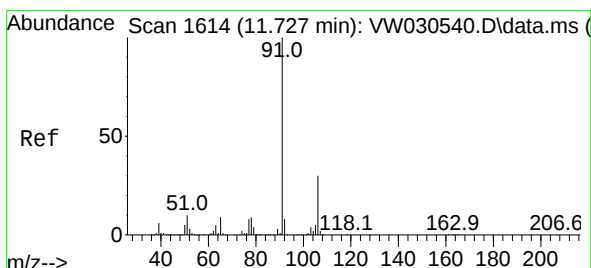
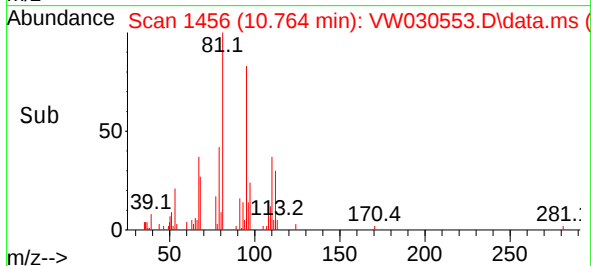
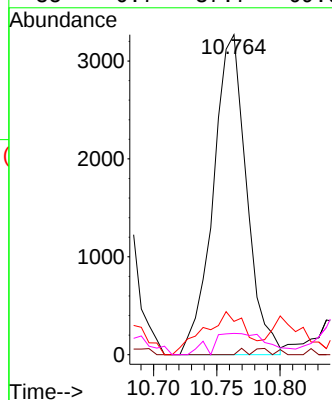
Ion Ratio Lower Upper

97 100

99 0.0 41.2 76.6#

83 10.4 59.6 110.6#

85 6.7 37.7 69.9#



#52

Ethylbenzene

Concen: 10.540 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. -0.000 min

Lab File: VW030553.D

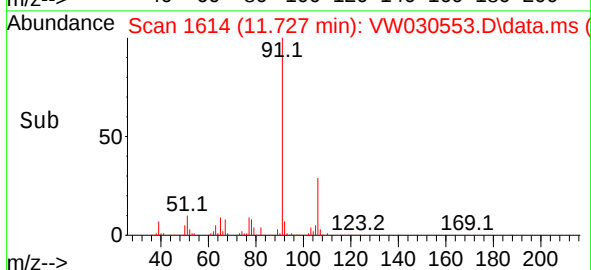
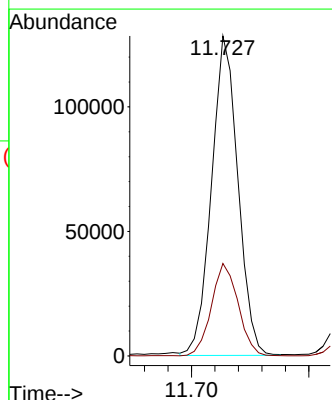
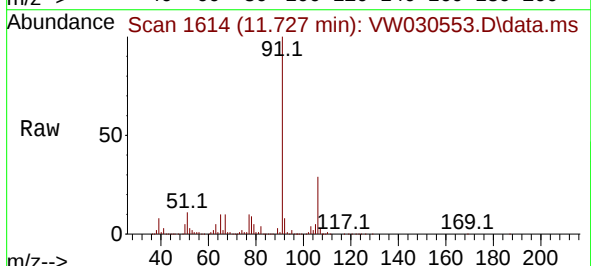
Acq: 11 Oct 2024 16:50

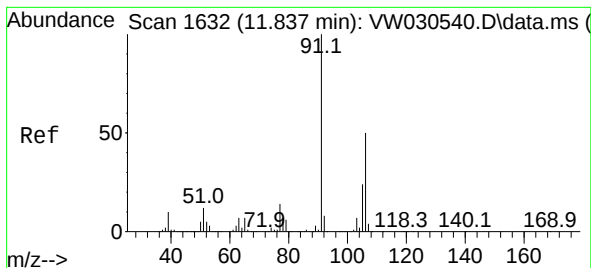
Tgt Ion: 91 Resp: 200531

Ion Ratio Lower Upper

91 100

106 28.9 21.1 39.1





#53

m,p-Xylene

Concen: 4.735 ug/L

RT: 11.843 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030553.D

Acq: 11 Oct 2024 16:50

Instrument :

MSVOA_W

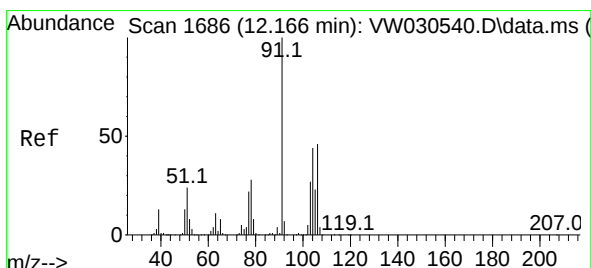
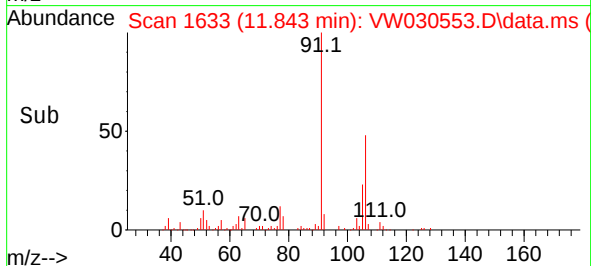
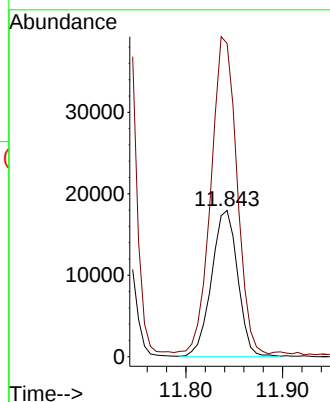
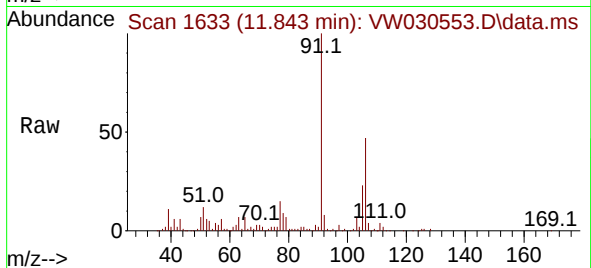
ClientSampleId :

Tgt Ion:106 Resp: 33747

Ion Ratio Lower Upper

106 100

91 214.4 140.6 261.2



#54

o-Xylene

Concen: 8.162 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VW030553.D

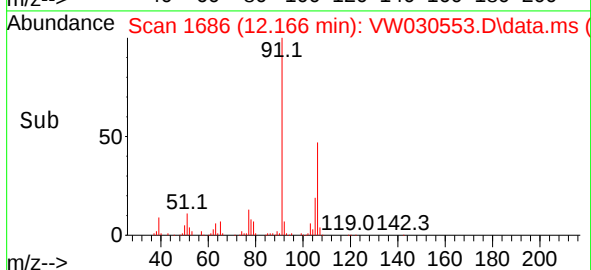
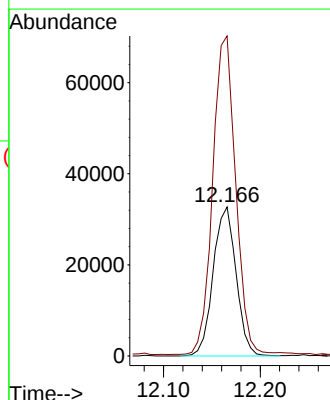
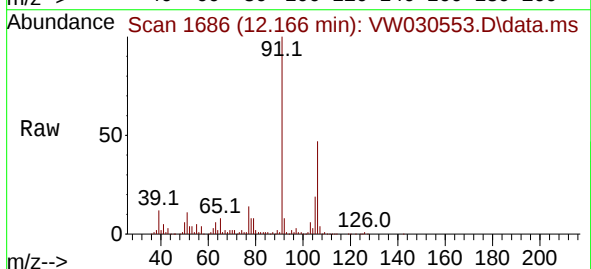
Acq: 11 Oct 2024 16:50

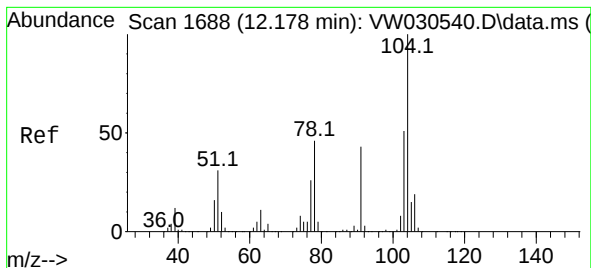
Tgt Ion:106 Resp: 53787

Ion Ratio Lower Upper

106 100

91 214.7 144.5 268.4





#55

Styrene

Concen: 0.334 ug/L

RT: 12.166 min Scan# 1

Delta R.T. -0.012 min

Lab File: VW030553.D

Acq: 11 Oct 2024 16:50

Instrument :

MSVOA_W

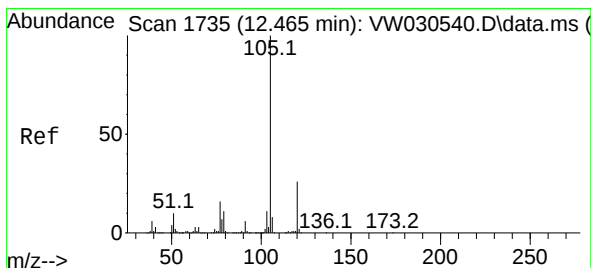
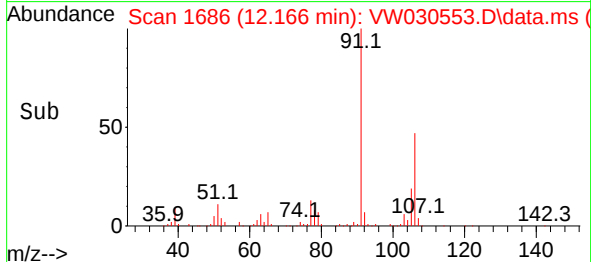
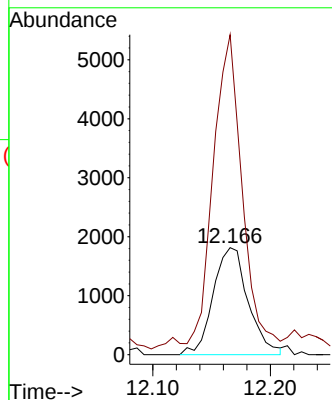
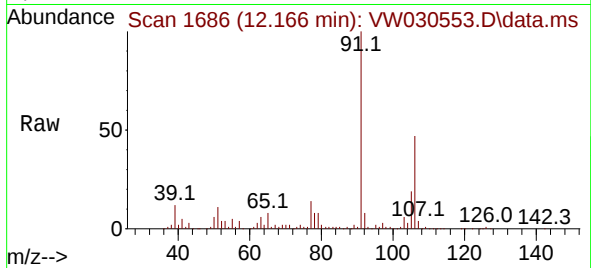
ClientSampleId :

Tgt Ion:104 Resp: 3761

Ion Ratio Lower Upper

104 100

78 299.0 34.3 63.7#



#60

Isopropylbenzene

Concen: 54.107 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW030553.D

Acq: 11 Oct 2024 16:50

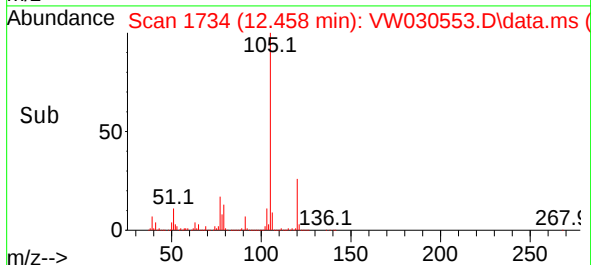
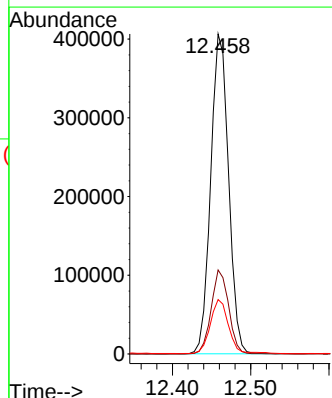
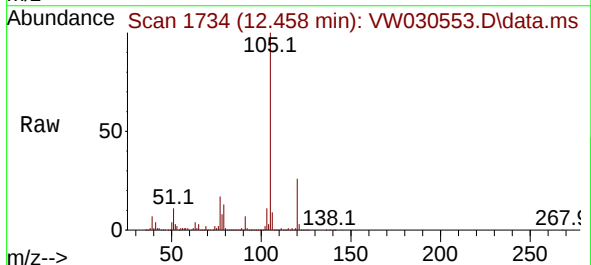
Tgt Ion:105 Resp: 642818

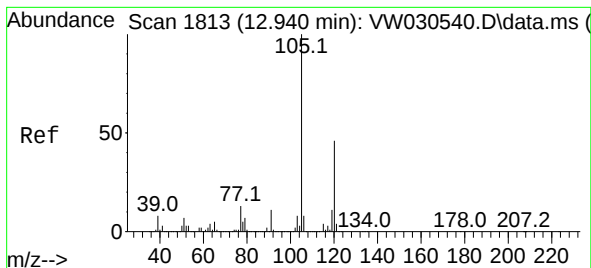
Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.9 13.4 20.0

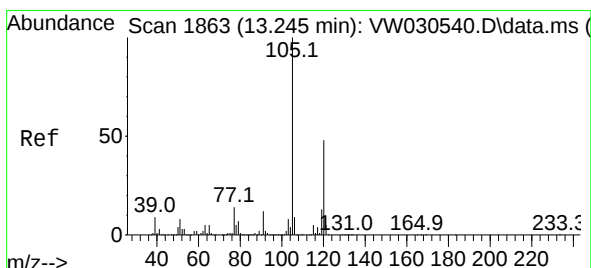
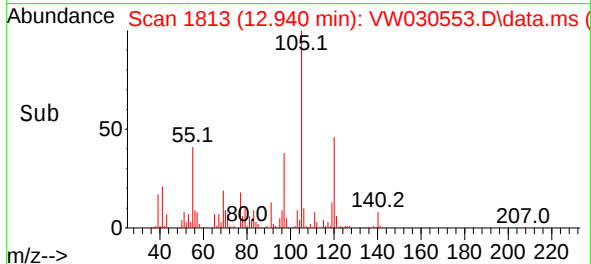
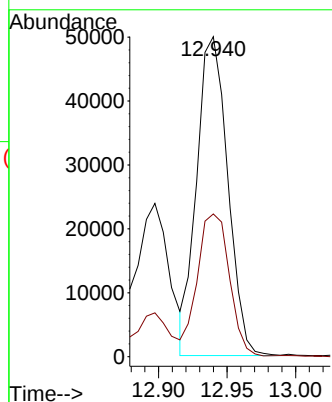
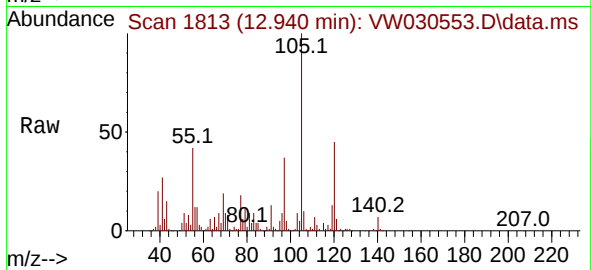




#62
1,3,5-Trimethylbenzene
Concen: 8.368 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030553.D
Acq: 11 Oct 2024 16:50

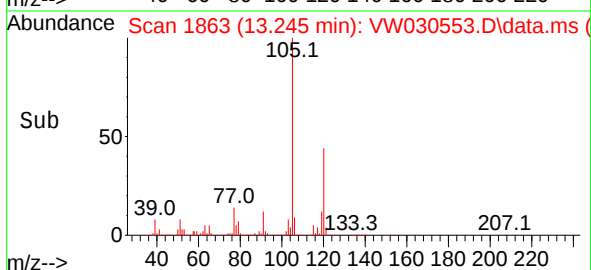
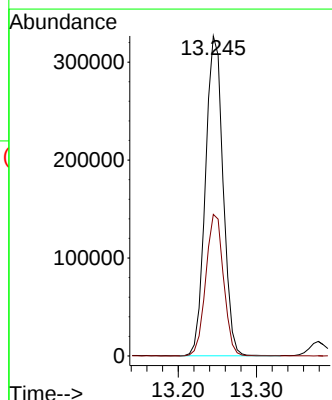
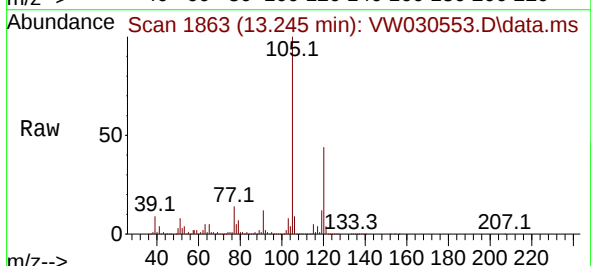
Instrument :
MSVOA_W
ClientSampleId :

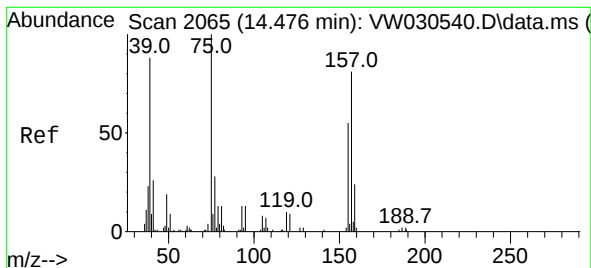
Tgt Ion:105 Resp: 78427
Ion Ratio Lower Upper
105 100
120 46.1 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 55.301 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030553.D
Acq: 11 Oct 2024 16:50

Tgt Ion:105 Resp: 507490
Ion Ratio Lower Upper
105 100
120 44.7 35.8 53.6

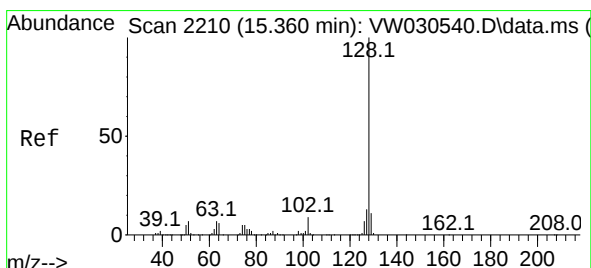
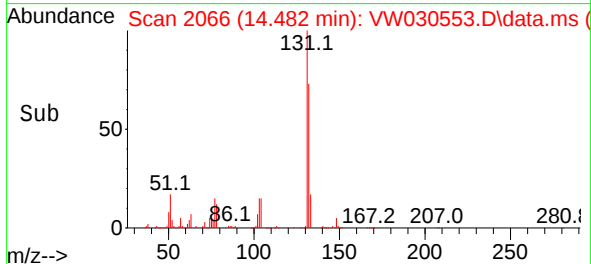
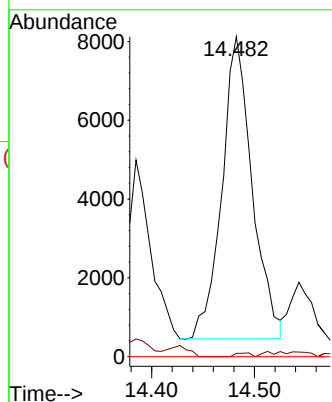
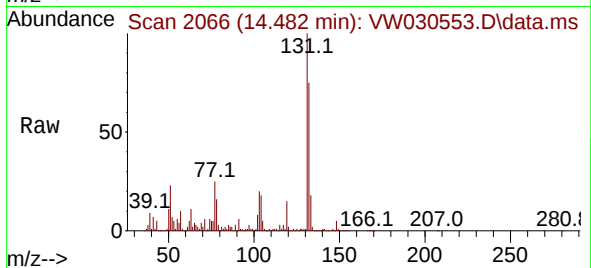




#68
1,2-Dibromo-3-chloropropane
Concen: 47.128 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VW030553.D
Acq: 11 Oct 2024 16:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 15687
Ion Ratio Lower Upper
75 100
155 1.1 57.9 86.9#
157 0.0 69.0 103.6#



#71
Naphthalene
Concen: 27.053 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW030553.D
Acq: 11 Oct 2024 16:50

Tgt Ion:128 Resp: 128310
Ion Ratio Lower Upper
128 100
127 13.7 10.9 16.3
129 12.8 8.8 13.2

