

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031230.D
 Acq On : 08 Sep 2022 22:32
 Operator : JC/MD
 Sample : N4360-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20220823RE

Quant Time: Sep 09 01:12:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

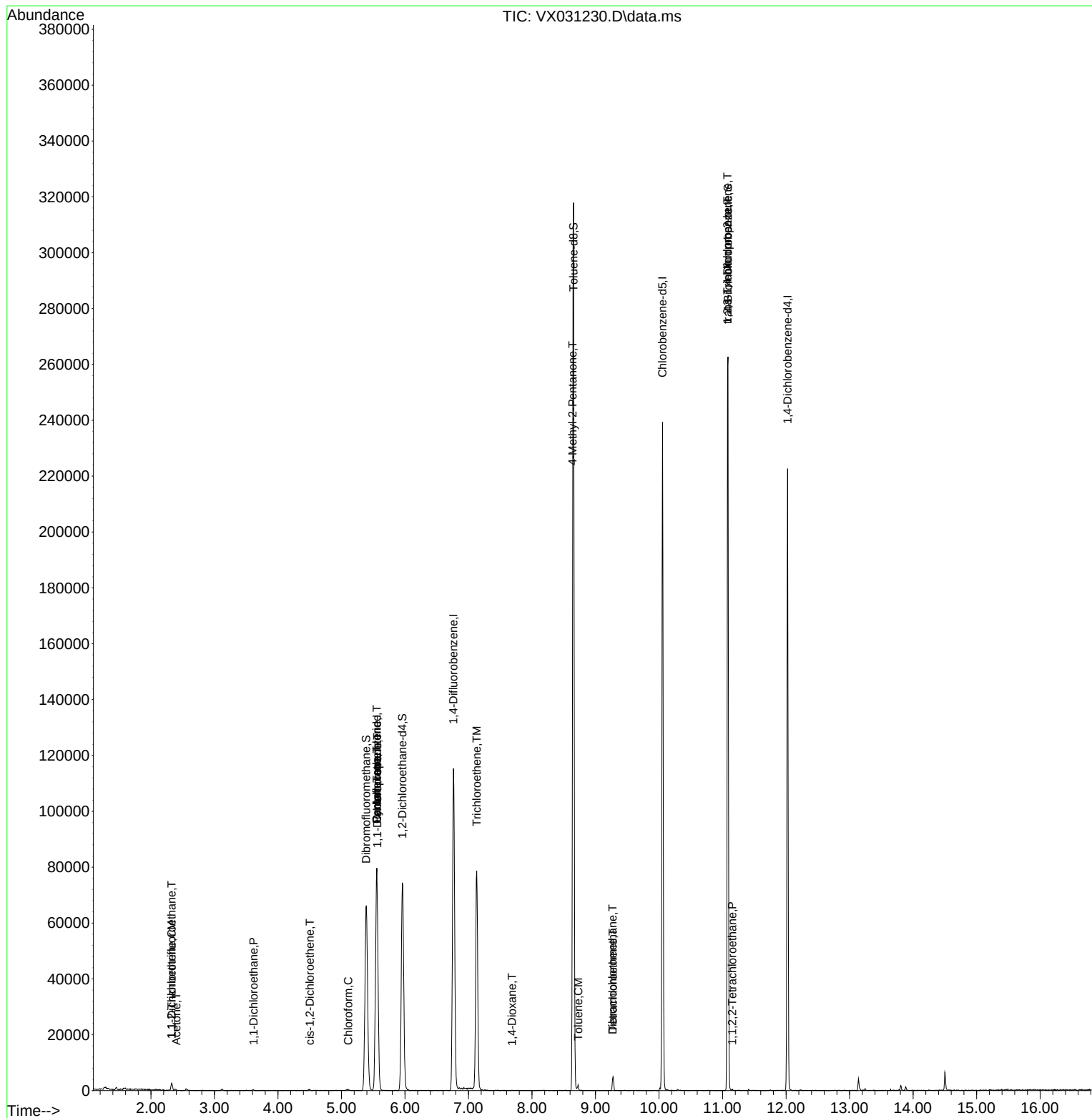
Internal Standards						
1) Pentafluorobenzene	5.556	168	62732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	112002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	39776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86336	58.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.260%
35) Dibromofluoromethane	5.385	113	57476	47.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.653	98	193014	43.526	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.060%
62) 4-Bromofluorobenzene	11.085	95	74703	45.969	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.940%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	1230	1.092	ug/l	# 87
12) 1,1-Dichloroethene	2.325	96	264	0.249	ug/l	# 28
16) Acetone	2.398	43	711	1.383	ug/l	# 40
24) 1,1-Dichloroethane	3.617	63	477	0.241	ug/l	# 82
27) cis-1,2-Dichloroethene	4.501	96	284	0.211	ug/l	# 50
30) Chloroform	5.105	83	524	0.224	ug/l	# 73
31) Cyclohexane	5.556	56	1724	1.039	ug/l	# 38
36) 1,1-Dichloropropene	5.562	75	6088	3.331	ug/l	# 44
38) Carbon Tetrachloride	5.556	117	7922	4.119	ug/l	# 19
44) Trichloroethene	7.129	130	29658	21.249	ug/l	99
49) 1,4-Dioxane	7.684	88	75	2.182	ug/l	# 49
51) 4-Methyl-2-Pentanone	8.641	43	1001	0.639	ug/l	# 1
52) Toluene	8.726	92	695	0.212	ug/l	93
60) Dibromochloromethane	9.269	129	976	0.703	ug/l	# 11
64) Tetrachloroethene	9.275	164	981	0.963	ug/l	# 80
75) 1,1,2,2-Tetrachloroethane	11.152	83	339	0.314	ug/l	# 25
76) 1,2,3-Trichloropropane	11.079	75	42710	39.344	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	42710	126.880	ug/l	# 12

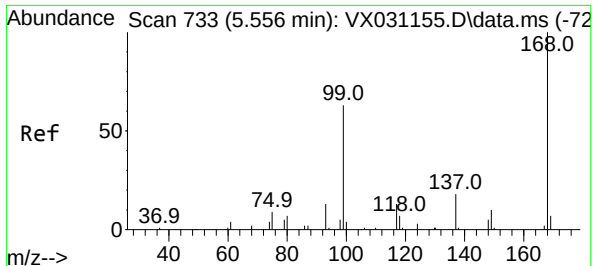
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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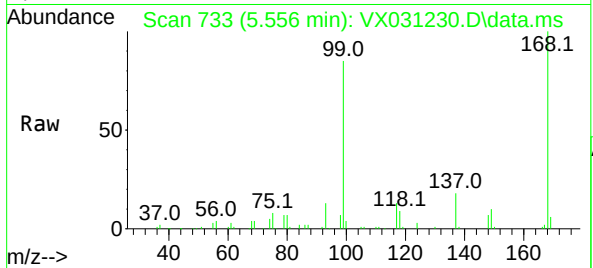
Quant Time: Sep 09 01:12:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



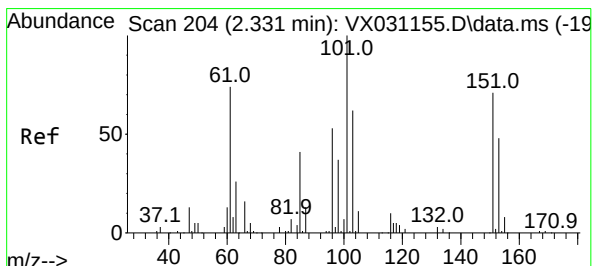
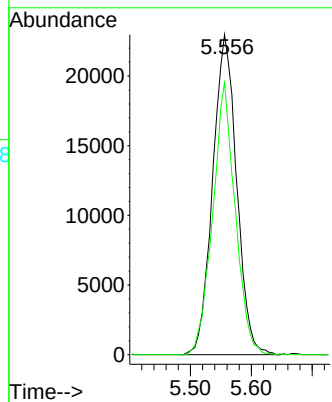
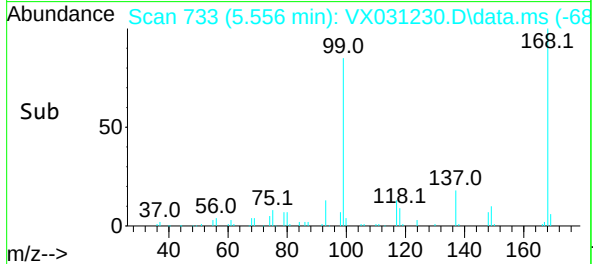


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

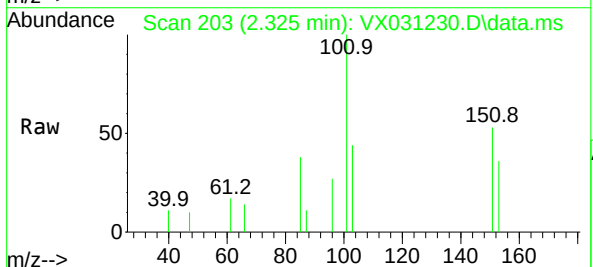
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220823RE



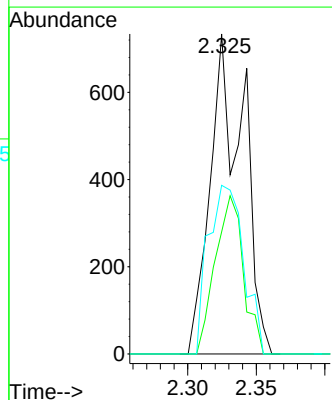
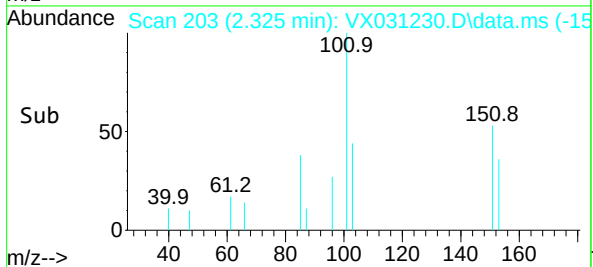
Tgt Ion:168 Resp: 62732
Ion Ratio Lower Upper
168 100
99 85.0 44.0 66.0#

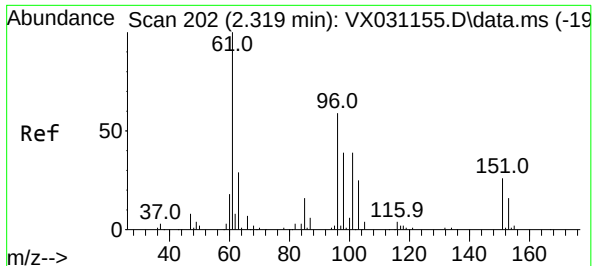


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.092 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32



Tgt Ion:101 Resp: 1230
Ion Ratio Lower Upper
101 100
85 42.1 34.0 51.0
151 56.6 59.4 89.0#





#12

1,1-Dichloroethene

Concen: 0.249 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX031230.D

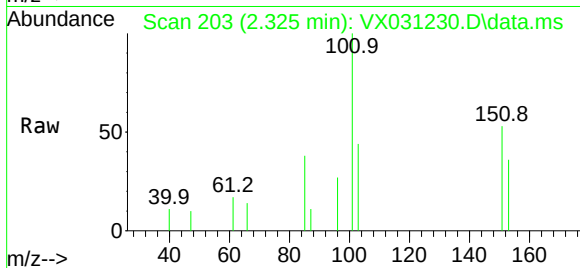
Acq: 08 Sep 2022 22:32

Instrument :

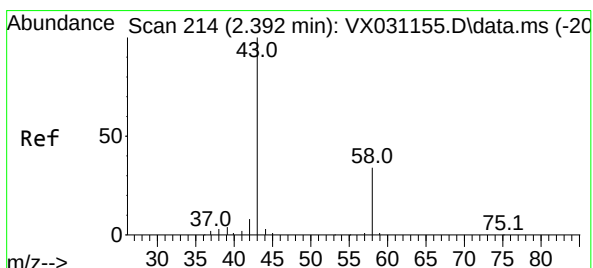
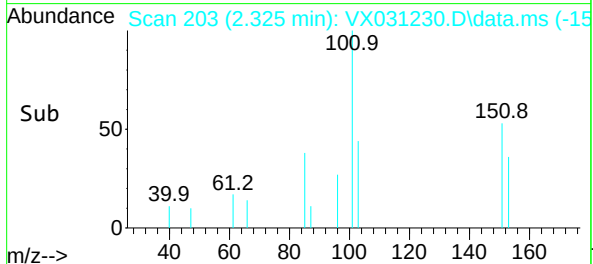
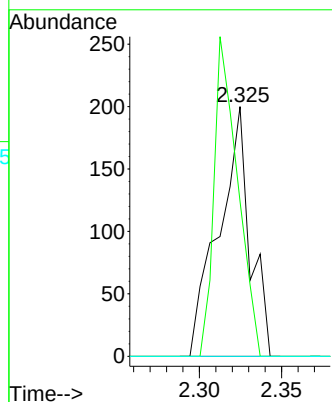
MSVOA_X

ClientSampleId :

TT172S1-20220823RE



Tgt Ion:	96	Resp:	264
Ion	Ratio	Lower	Upper
96	100		
61	62.0	117.4	176.0#
98	0.0	52.2	78.4#



#16

Acetone

Concen: 1.383 ug/l

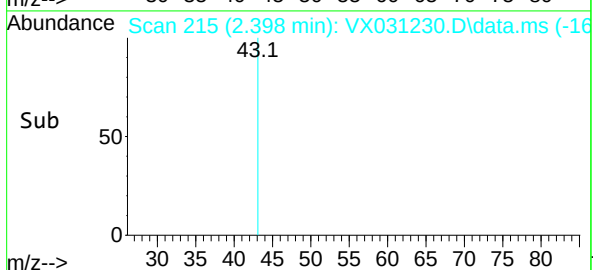
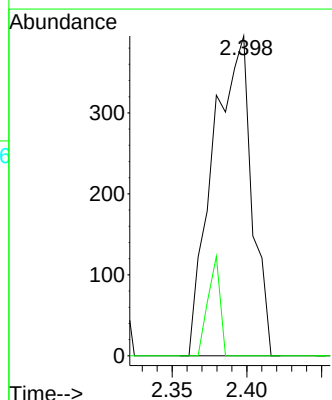
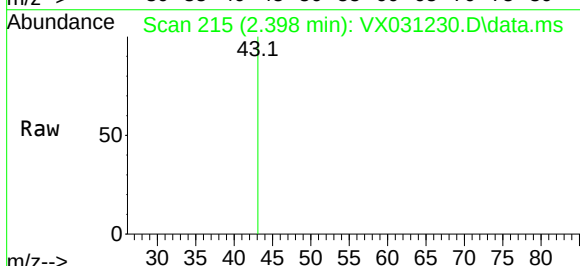
RT: 2.398 min Scan# 215

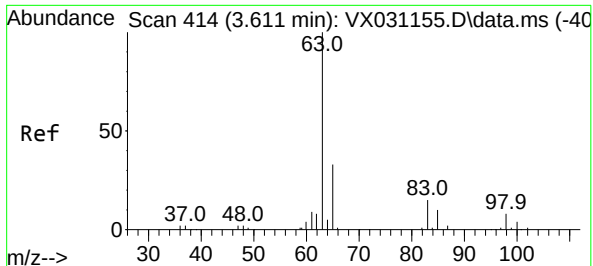
Delta R.T. 0.006 min

Lab File: VX031230.D

Acq: 08 Sep 2022 22:32

Tgt Ion:	43	Resp:	711
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.7	41.5#

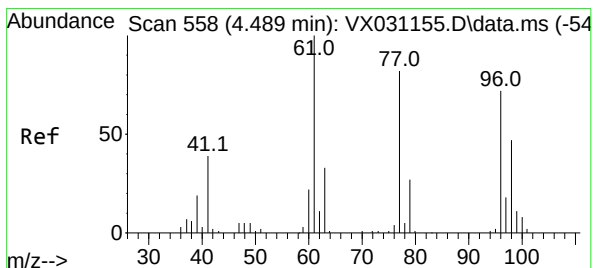
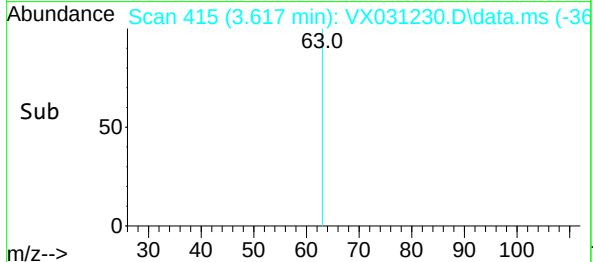
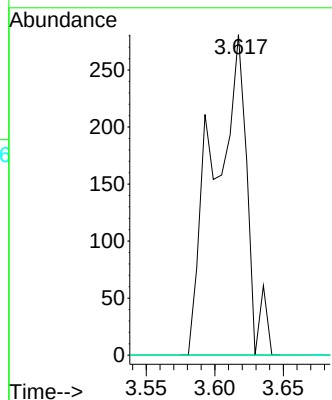
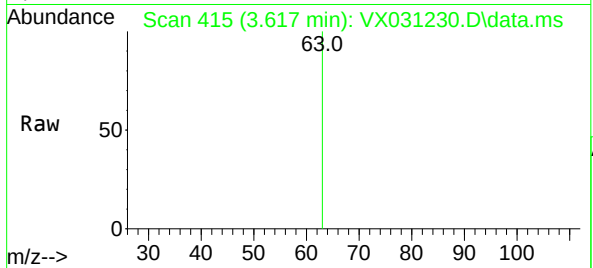




#24
 1,1-Dichloroethane
 Concen: 0.241 ug/l
 RT: 3.617 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

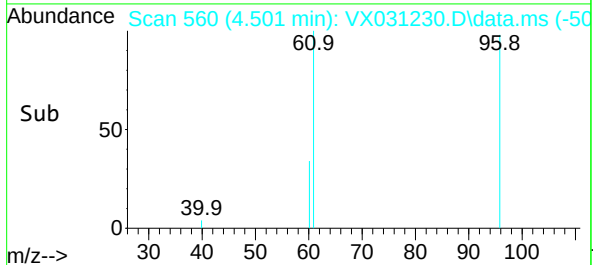
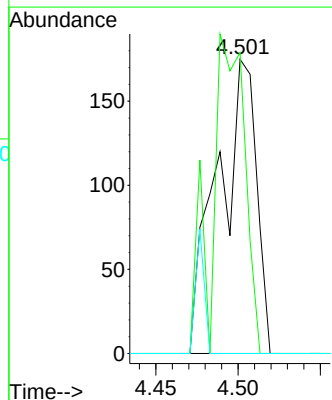
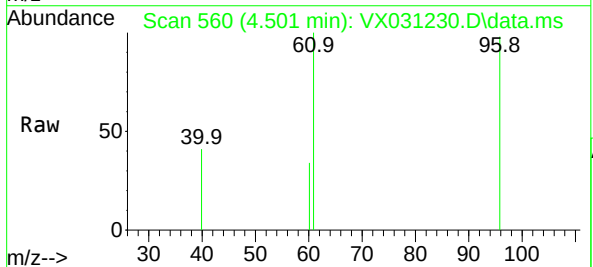
Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20220823RE

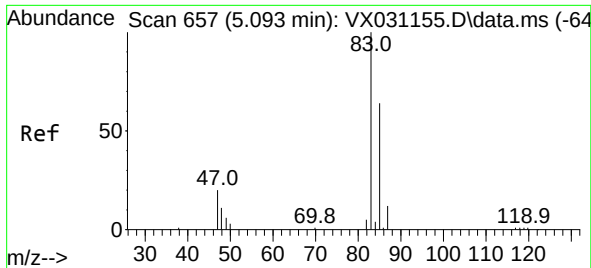
Tgt Ion: 63 Resp: 477
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.5 10.5#
 100 0.0 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 0.211 ug/l
 RT: 4.501 min Scan# 560
 Delta R.T. 0.012 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

Tgt Ion: 96 Resp: 284
 Ion Ratio Lower Upper
 96 100
 61 92.6 0.0 270.0
 98 0.0 0.0 127.8

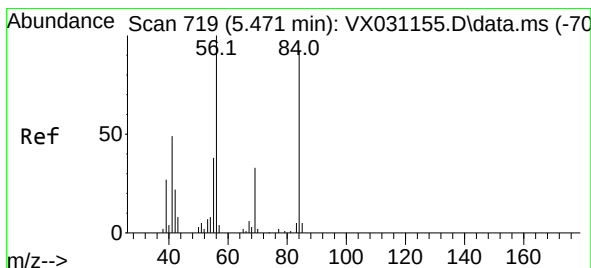
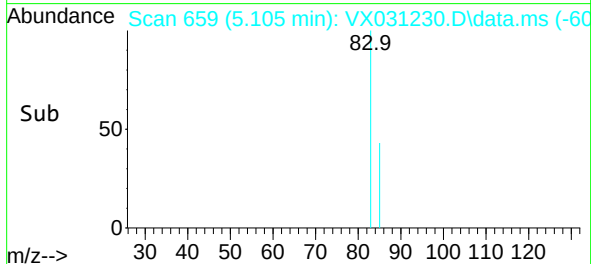
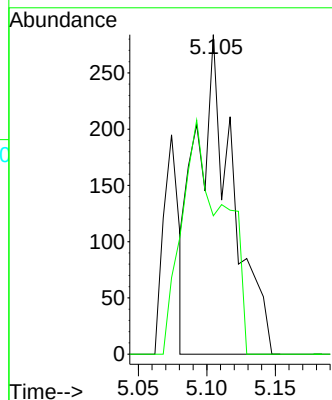
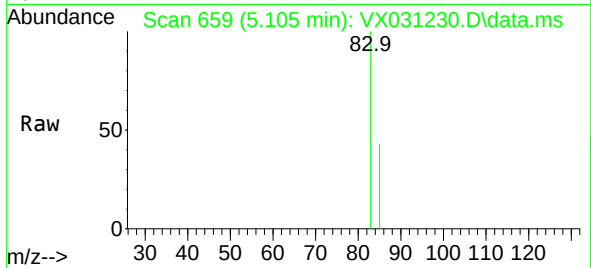




#30
Chloroform
Concen: 0.224 ug/l
RT: 5.105 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

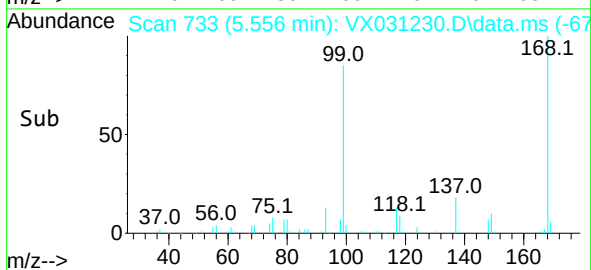
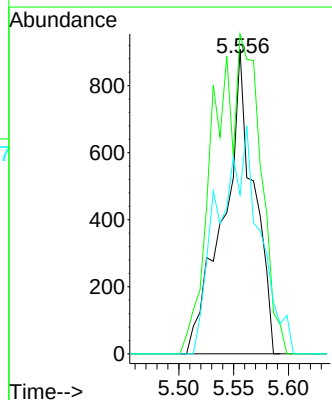
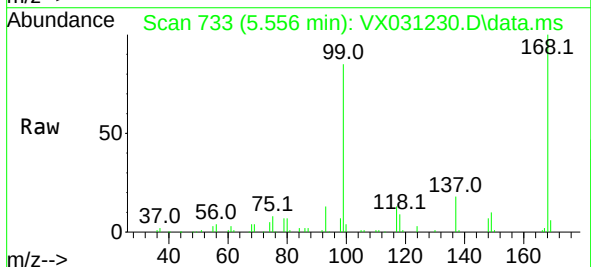
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220823RE

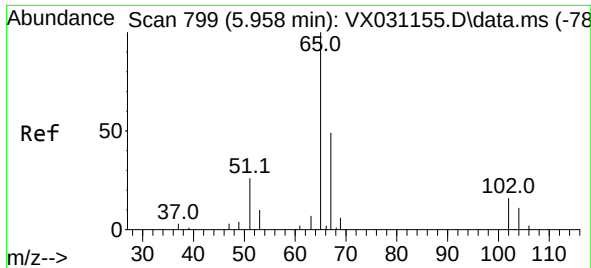
Tgt Ion: 83 Resp: 524
Ion Ratio Lower Upper
83 100
85 43.3 51.5 77.3#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

Tgt Ion: 56 Resp: 1724
Ion Ratio Lower Upper
56 100
69 105.1 25.4 38.0#
84 52.3 68.9 103.3#

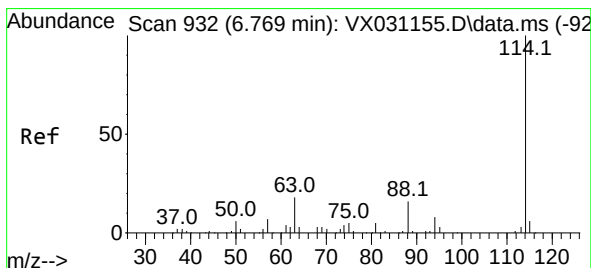
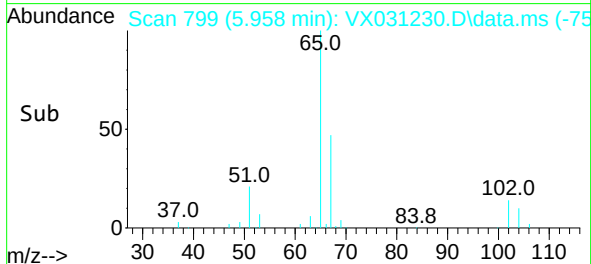
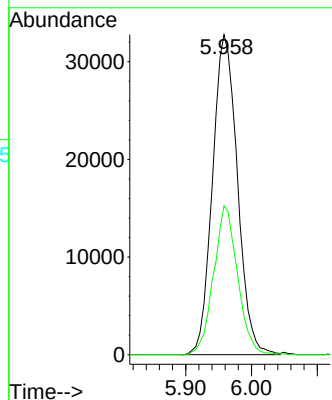
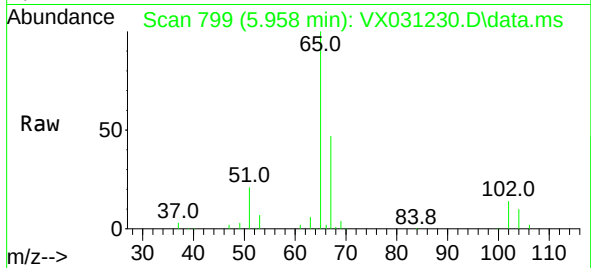




#33
 1,2-Dichloroethane-d4
 Concen: 58.130 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

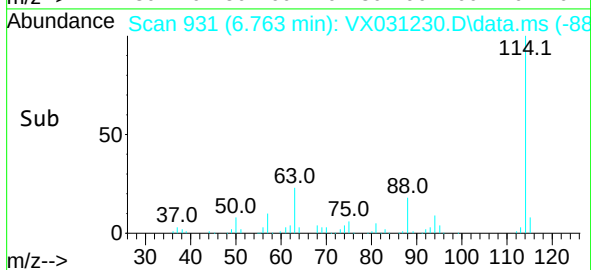
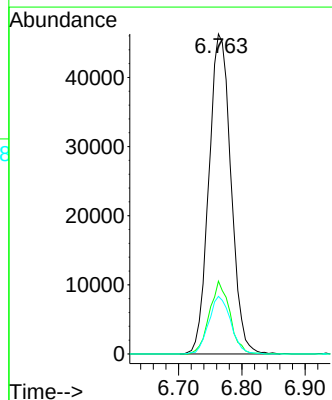
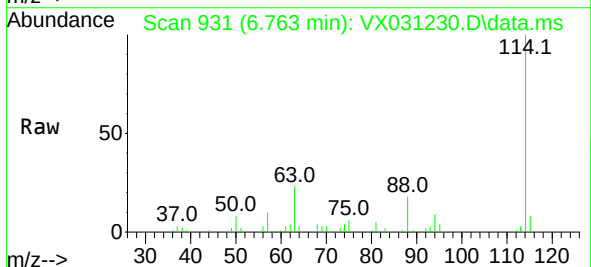
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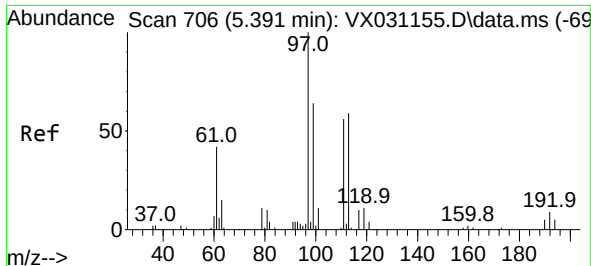
Tgt Ion: 65 Resp: 86336
 Ion Ratio Lower Upper
 65 100
 67 44.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

Tgt Ion: 114 Resp: 112002
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 38.4
 88 18.0 0.0 31.8

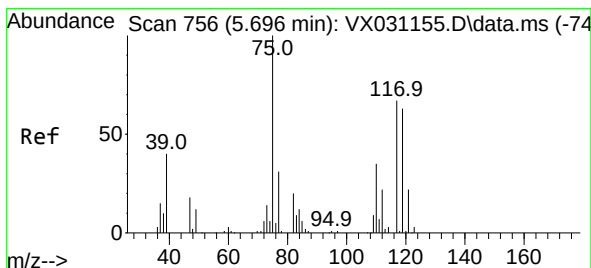
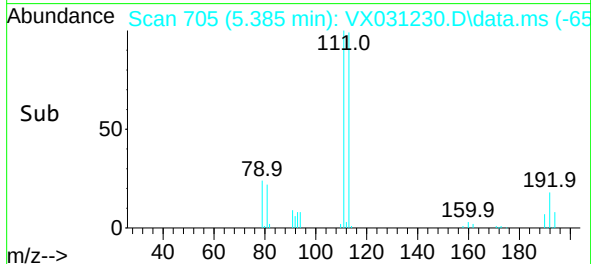
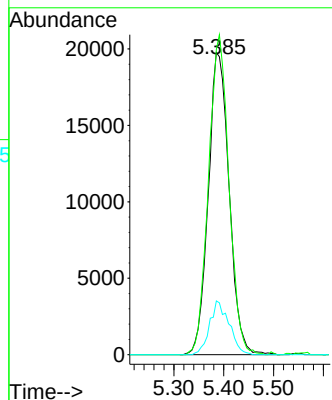
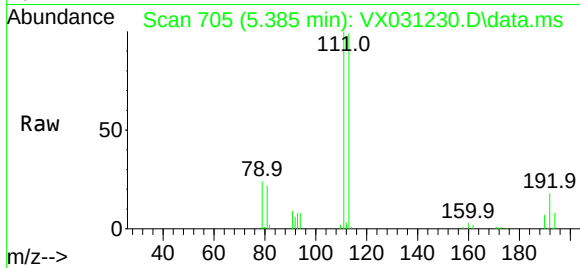




#35
Dibromofluoromethane
Concen: 47.091 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

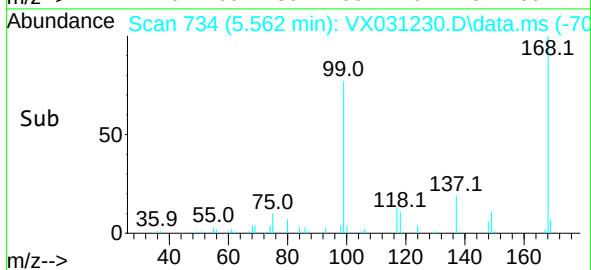
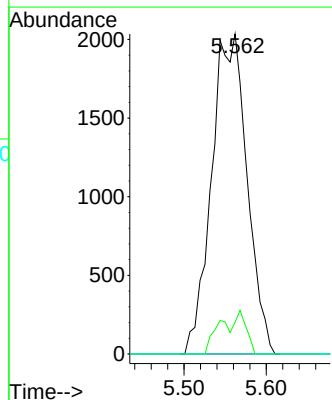
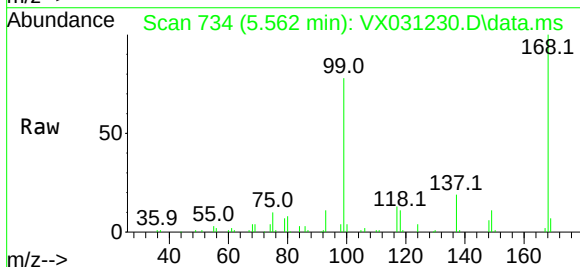
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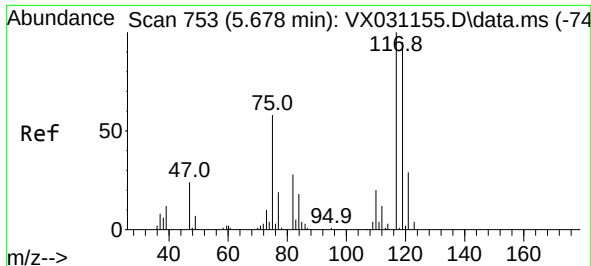
Tgt Ion:113 Resp: 57476
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 16.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.331 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

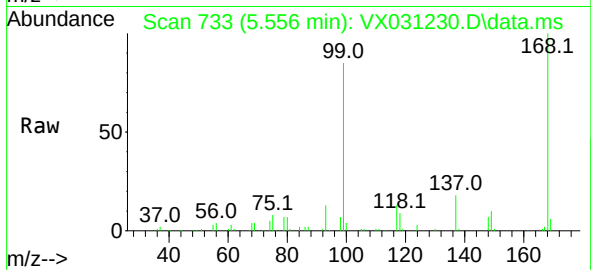
Tgt Ion: 75 Resp: 6088
Ion Ratio Lower Upper
75 100
110 4.6 19.3 57.9#
77 0.0 24.4 36.6#



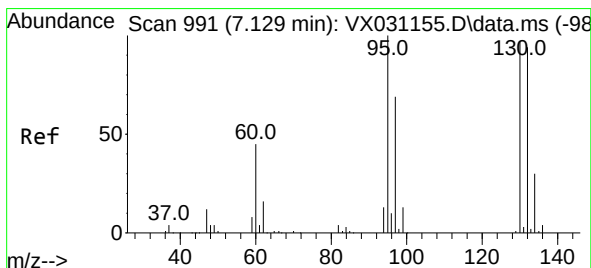
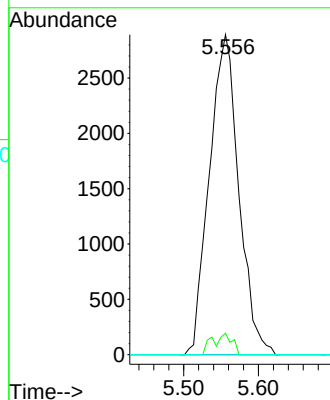
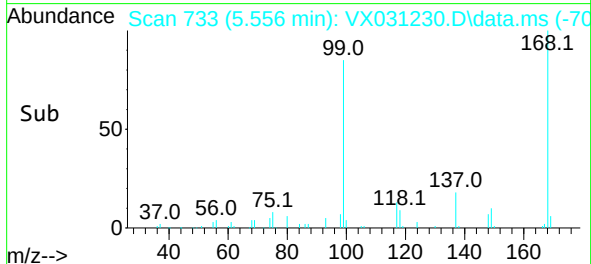


#38
Carbon Tetrachloride
Concen: 4.119 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220823RE

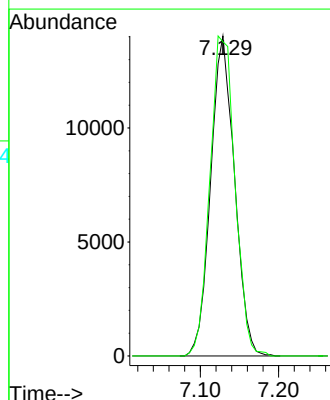
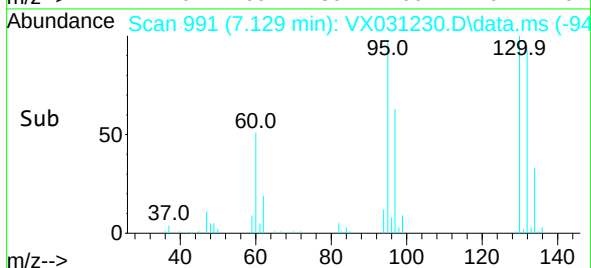
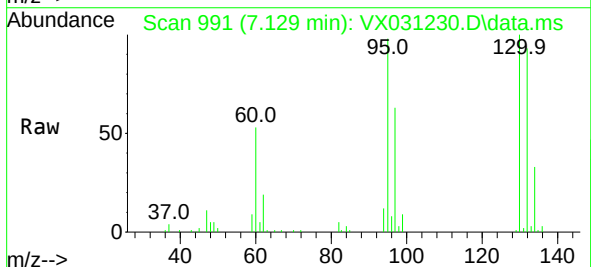


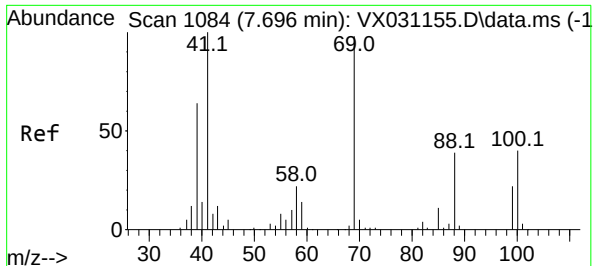
Tgt Ion:117 Resp: 7922
Ion Ratio Lower Upper
117 100
119 6.7 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 21.249 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

Tgt Ion:130 Resp: 29658
Ion Ratio Lower Upper
130 100
95 98.2 0.0 194.8





#49

1,4-Dioxane

Concen: 2.182 ug/l

RT: 7.684 min Scan# 1082

Delta R.T. -0.012 min

Lab File: VX031230.D

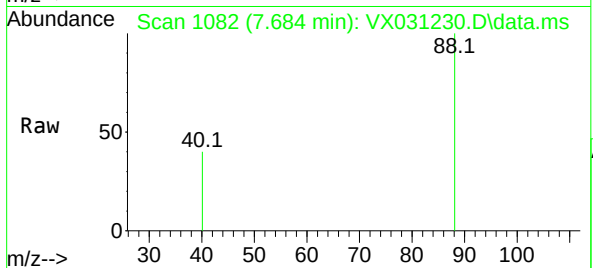
Acq: 08 Sep 2022 22:32

Instrument :

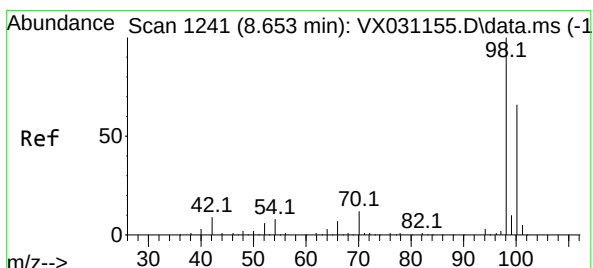
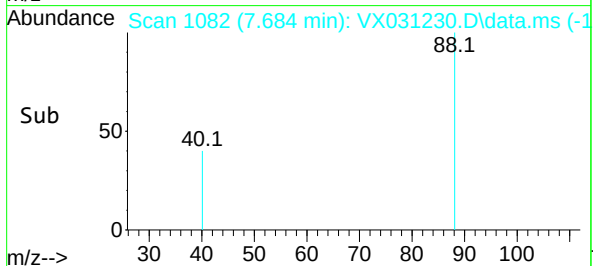
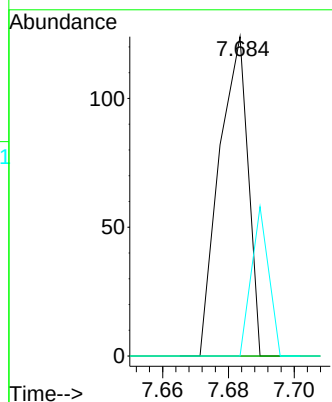
MSVOA_X

ClientSampleId :

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Tgt Ion:	88	Resp:	75
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	28.0	53.8	80.6#



#50

Toluene-d8

Concen: 43.526 ug/l

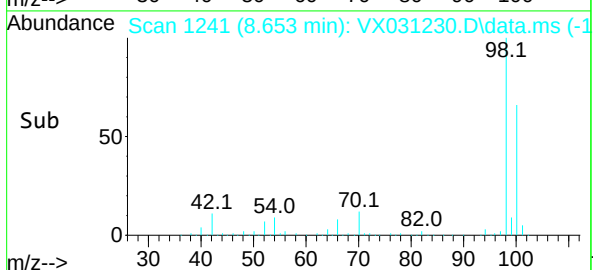
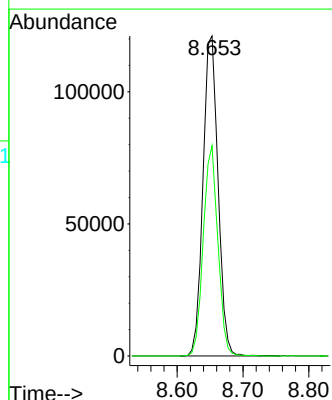
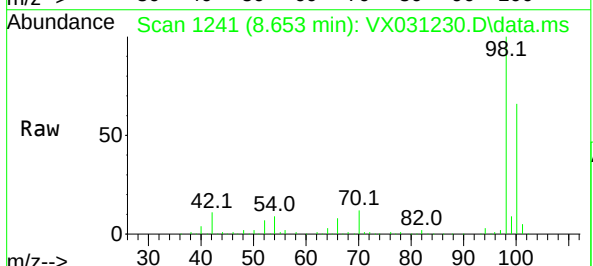
RT: 8.653 min Scan# 1241

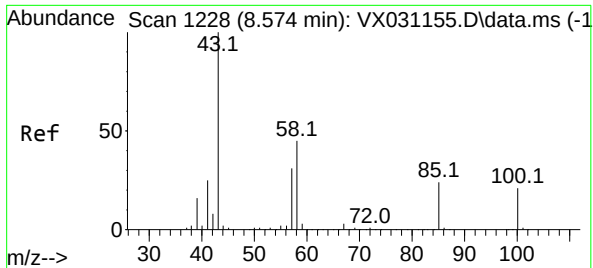
Delta R.T. -0.000 min

Lab File: VX031230.D

Acq: 08 Sep 2022 22:32

Tgt Ion:	98	Resp:	193014
Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.3	78.5

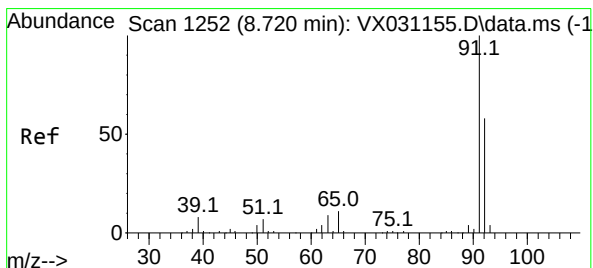
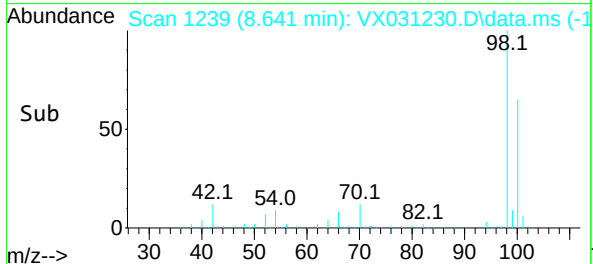
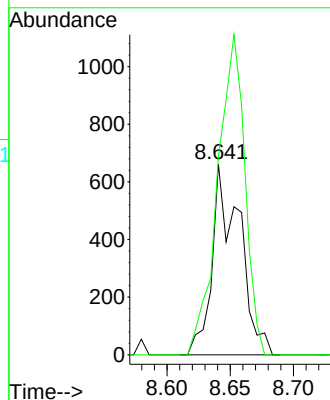
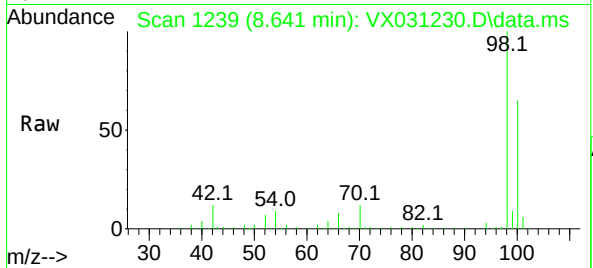




#51
4-Methyl-2-Pentanone
Concen: 0.639 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

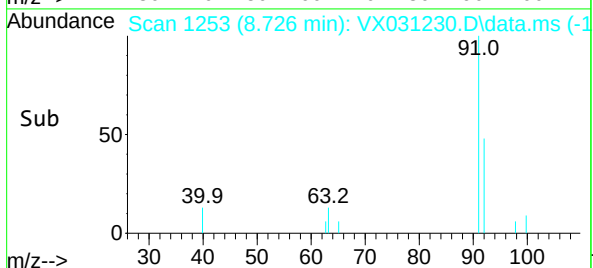
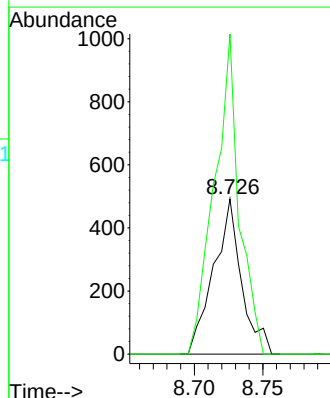
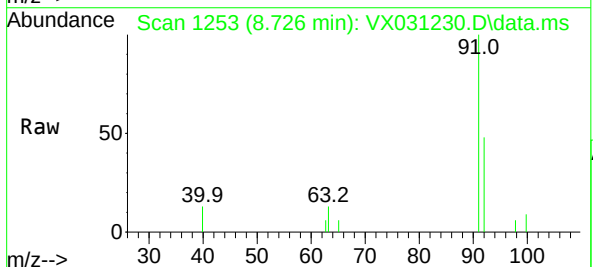
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220823RE

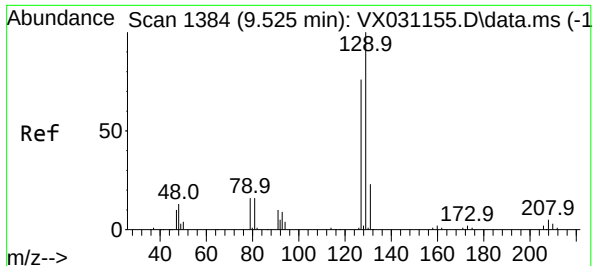
Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 166.6 31.4 47.2#



#52
Toluene
Concen: 0.212 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

Tgt Ion: 92 Resp: 695
Ion Ratio Lower Upper
92 100
91 183.9 139.2 208.8

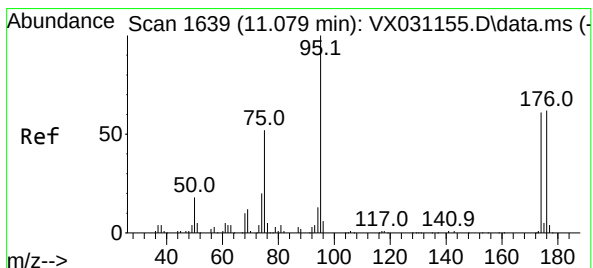
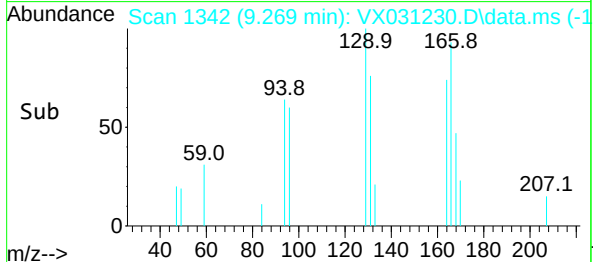
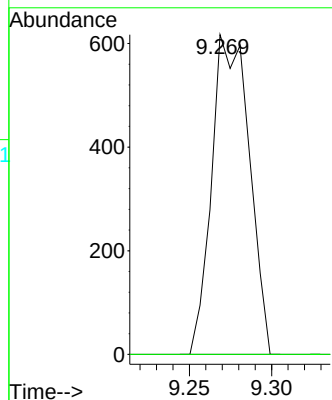
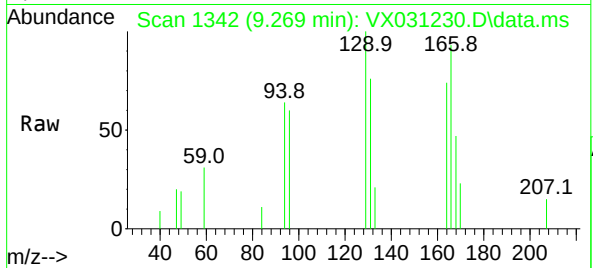




#60
 Dibromochloromethane
 Concen: 0.703 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.256 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

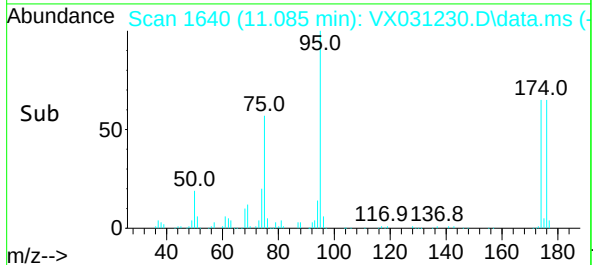
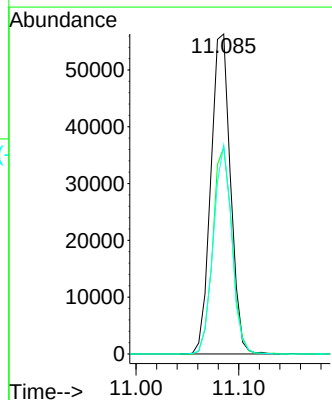
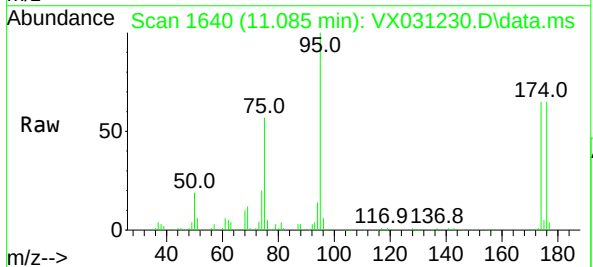
Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20220823RE

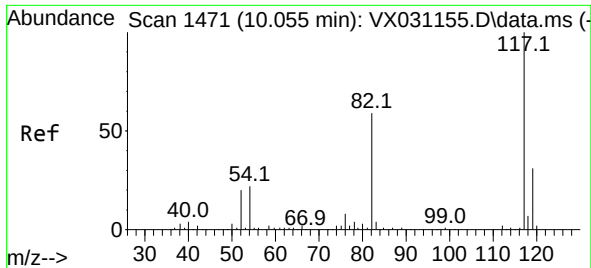
Tgt Ion:129 Resp: 976
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.5#



#62
 4-Bromofluorobenzene
 Concen: 45.969 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.006 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

Tgt Ion: 95 Resp: 74703
 Ion Ratio Lower Upper
 95 100
 174 62.8 0.0 149.0
 176 61.3 0.0 146.0

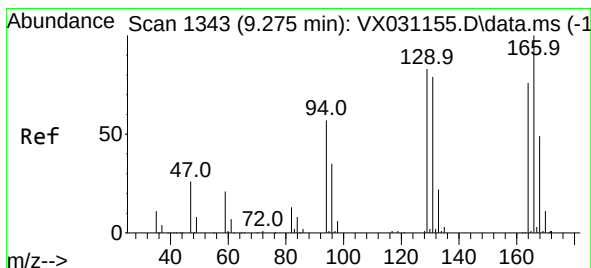
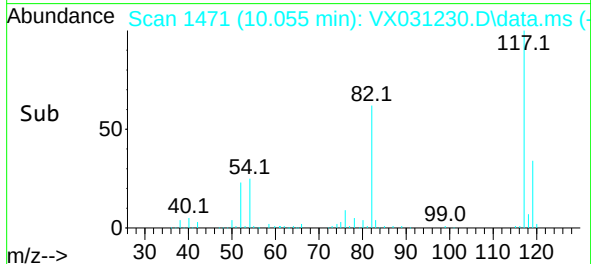
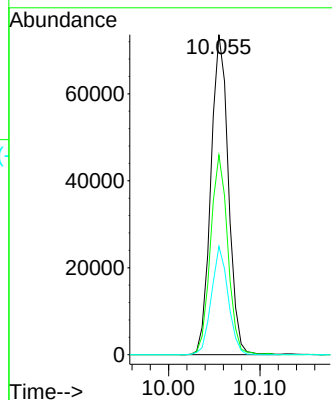
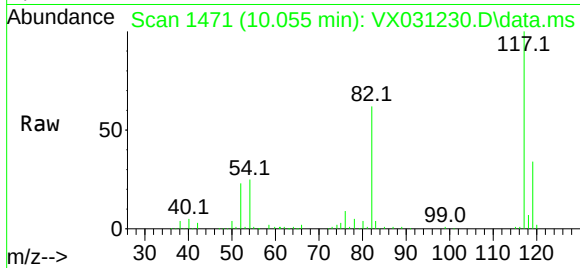




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

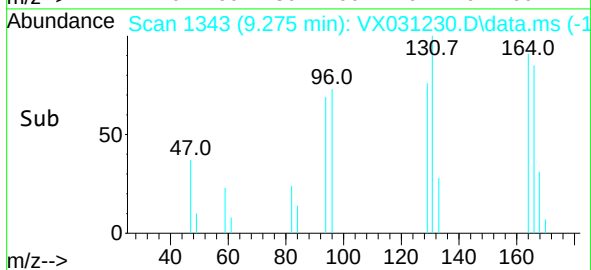
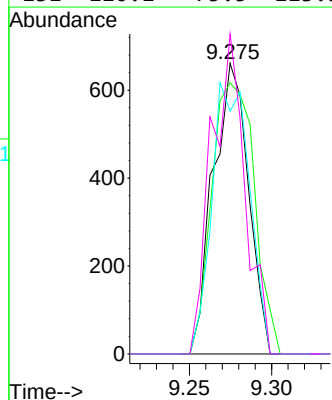
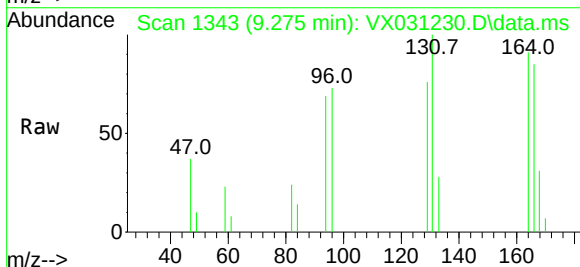
Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220823RE

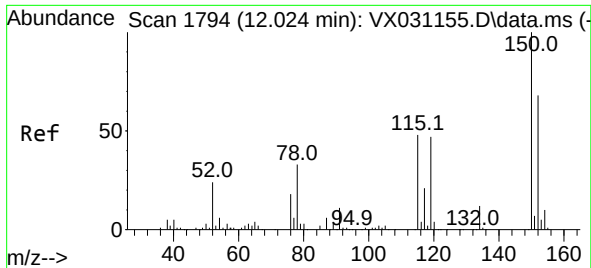
Tgt Ion:117 Resp: 97904
Ion Ratio Lower Upper
117 100
82 62.4 42.7 64.1
119 33.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.963 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

Tgt Ion:164 Resp: 981
Ion Ratio Lower Upper
164 100
166 93.3 98.2 147.4#
129 83.5 80.8 121.2
131 110.1 75.5 113.3

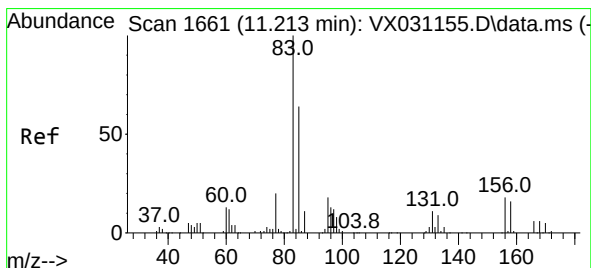
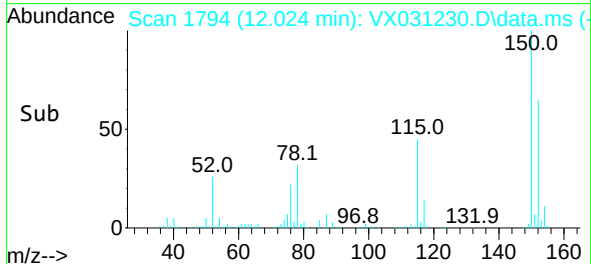
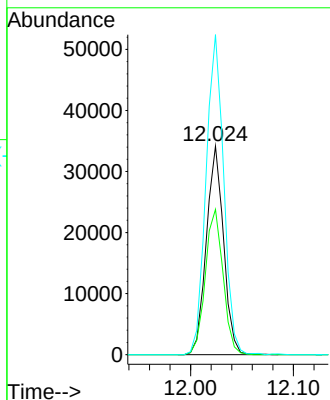
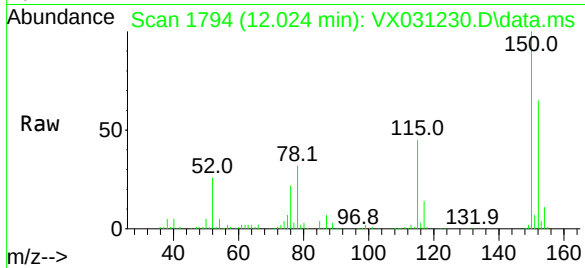




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

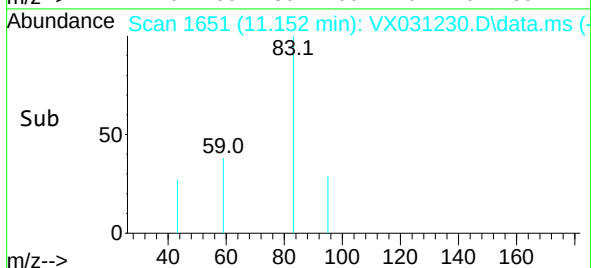
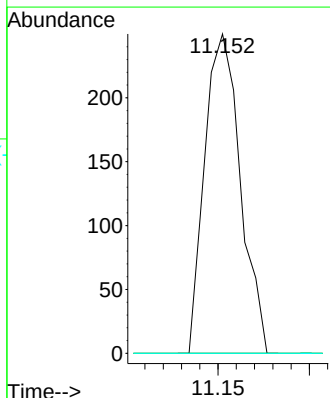
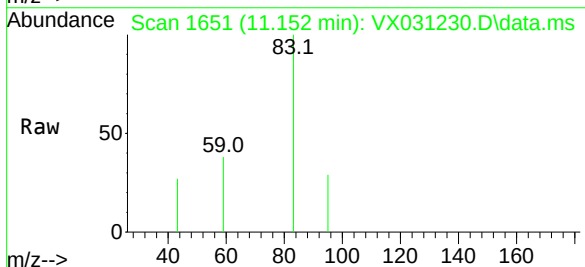
Instrument :
 MSVOA_X
 ClientSampleId :
 TT172S1-20220823RE

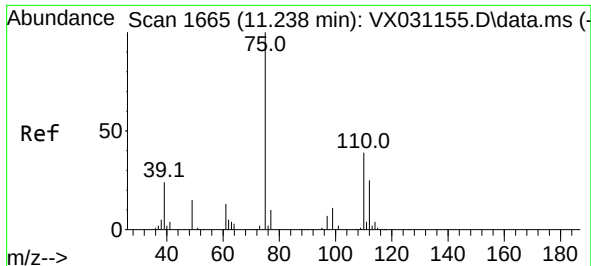
Tgt Ion:152 Resp: 39776
 Ion Ratio Lower Upper
 152 100
 115 71.7 40.5 121.5
 150 157.3 0.0 347.0



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.314 ug/l
 RT: 11.152 min Scan# 1651
 Delta R.T. -0.061 min
 Lab File: VX031230.D
 Acq: 08 Sep 2022 22:32

Tgt Ion: 83 Resp: 339
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.5 13.7#
 85 0.0 32.5 97.5#

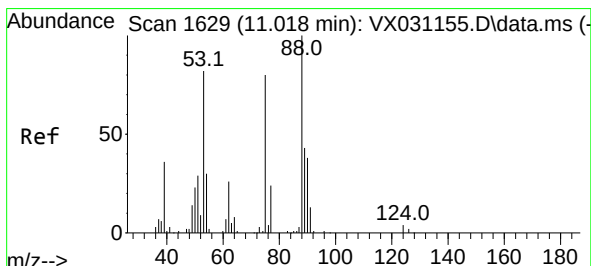
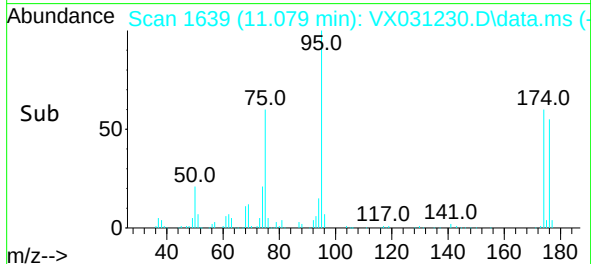
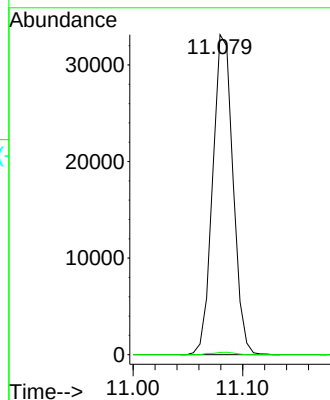
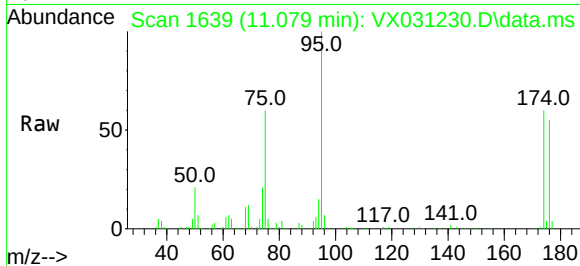




#76
1,2,3-Trichloropropane
Concen: 39.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

Instrument :
MSVOA_X
ClientSampleId :
TT172S1-20220823RE

Tgt Ion: 75 Resp: 42710
Ion Ratio Lower Upper
75 100
77 0.8 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.880 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031230.D
Acq: 08 Sep 2022 22:32

Tgt Ion: 75 Resp: 42710
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

