

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038273.D
 Acq On : 24 Jan 2022 23:40
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 25 01:55:42 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	811087	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2234151	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1814078	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1334516	9.69	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

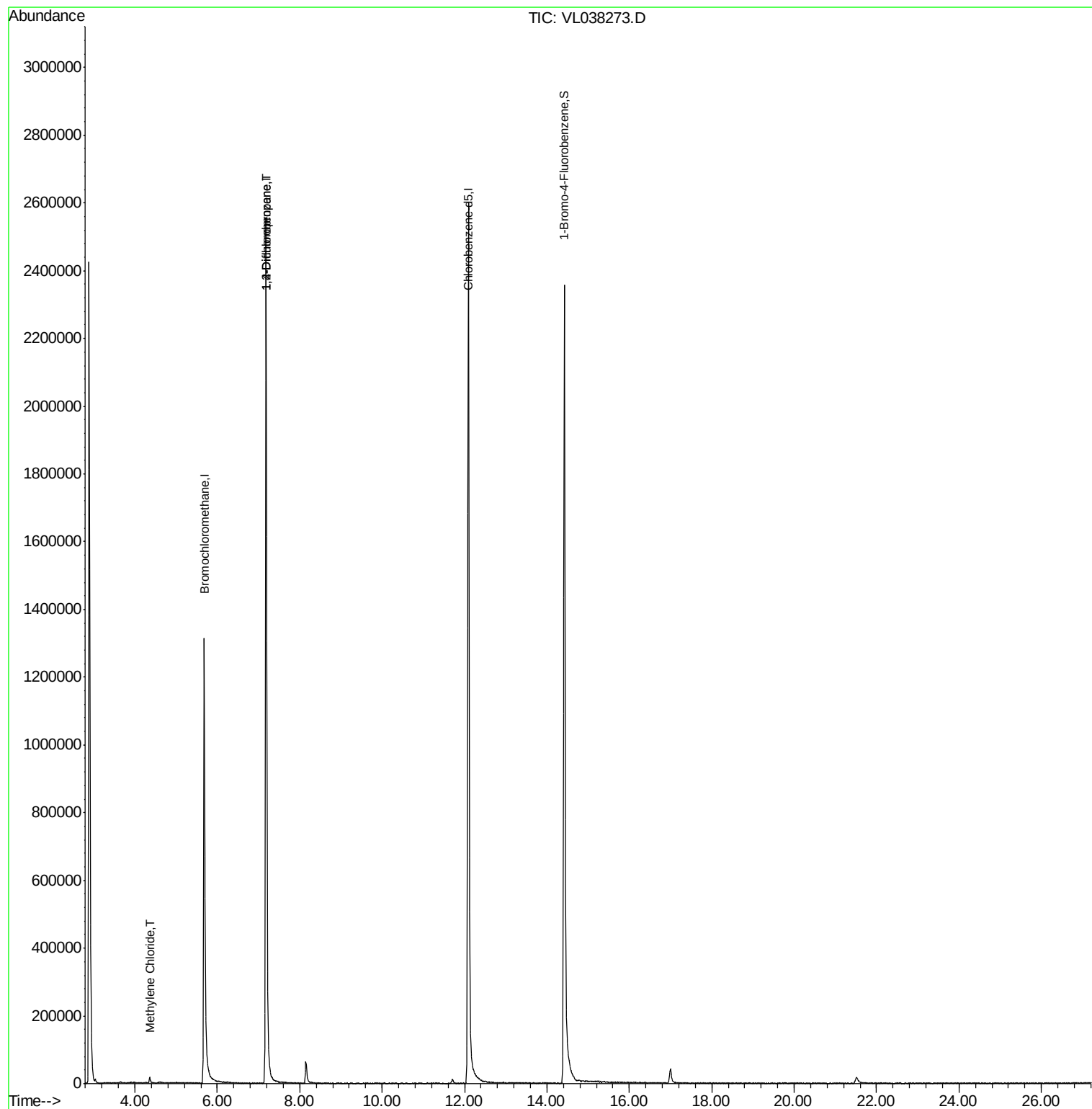
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.36	84	4142	0.100	ppbv	87
39) 1,2-Dichloropropane	7.18	63	580172	7.241	ppbv #	25

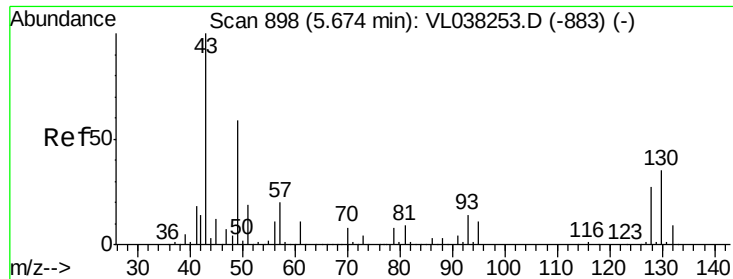
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

Acq: 24 Jan 2022 23:40

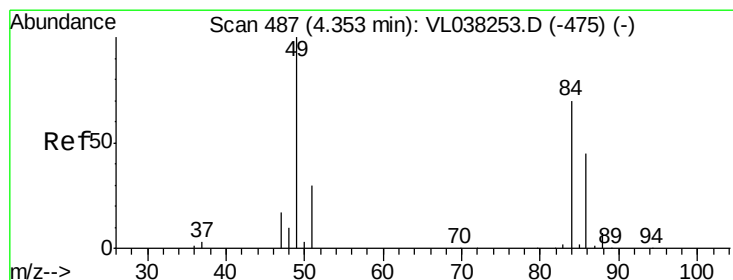
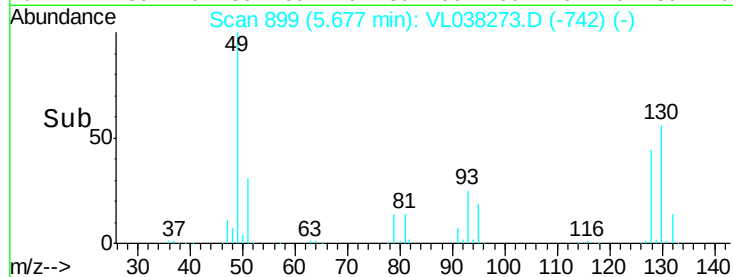
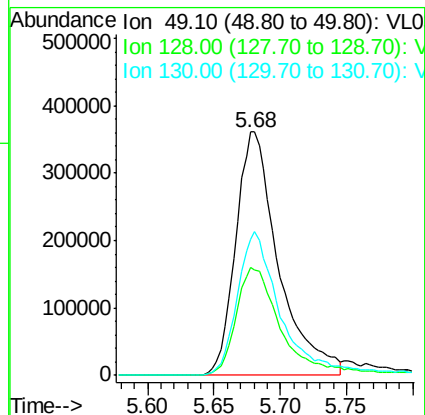
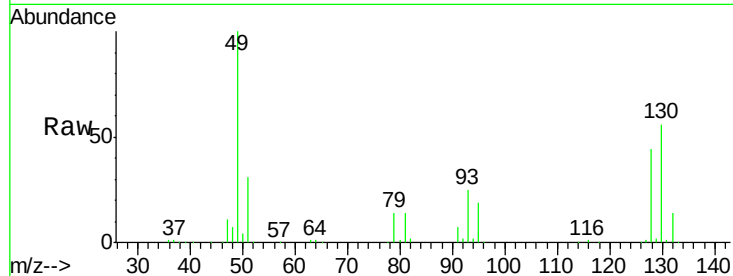
Tgt Ion: 49 Resp: 811087

Ion Ratio Lower Upper

49 100

128 48.3 24.5 73.5

130 62.8 30.1 90.5



#20

Methylene Chloride

Concen: 0.100 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.01 min

Lab File: VL038273.D

Acq: 24 Jan 2022 23:40

Tgt Ion: 84 Resp: 4142

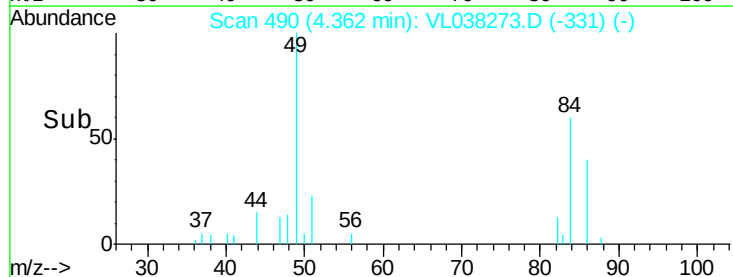
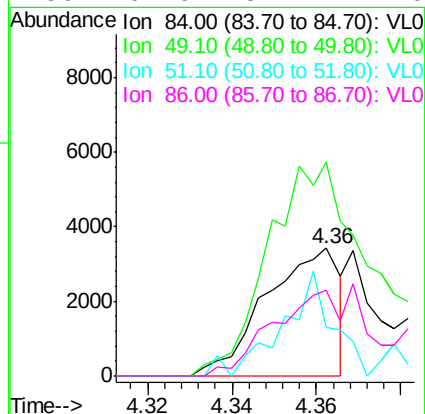
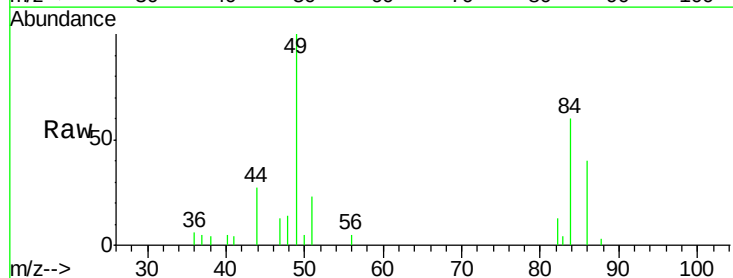
Ion Ratio Lower Upper

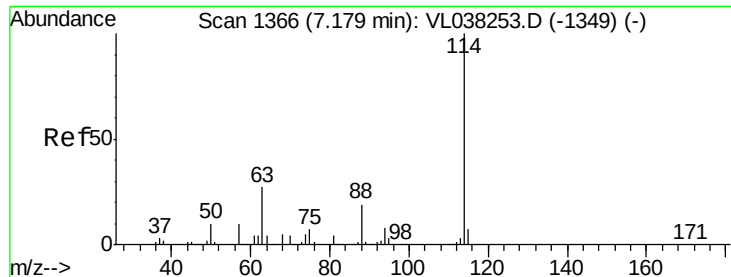
84 100

49 167.2 115.0 172.6

51 38.4 35.0 52.6

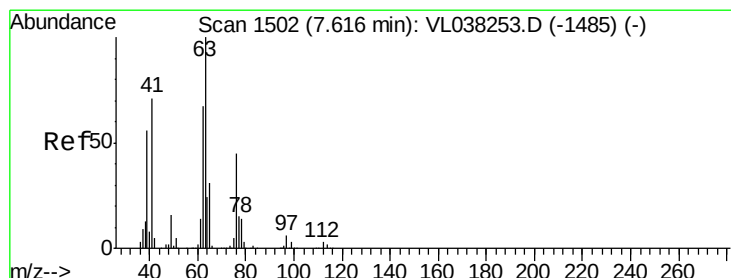
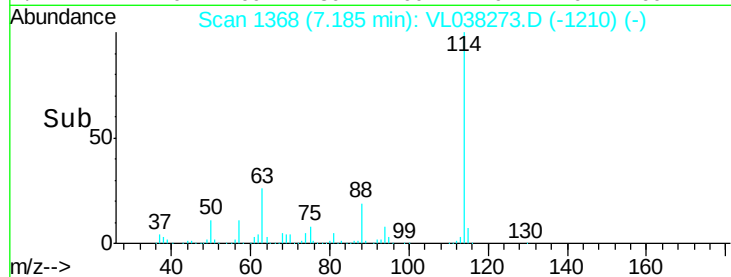
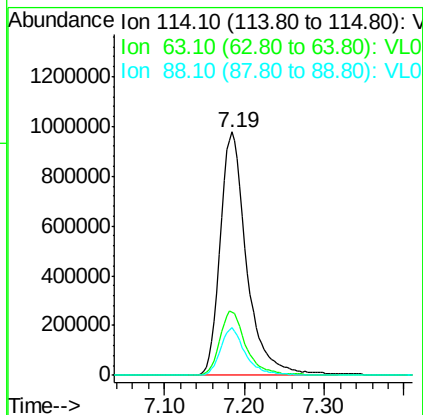
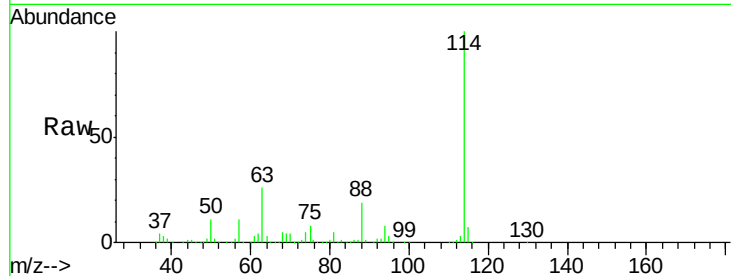
86 67.6 51.4 77.0





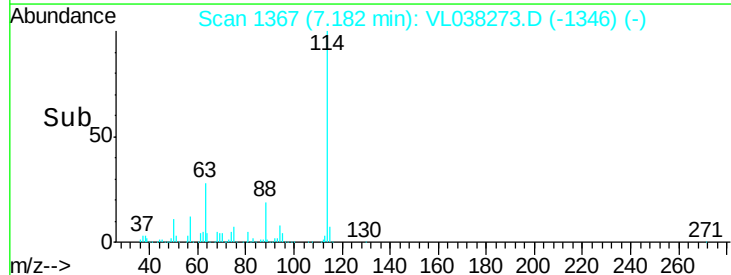
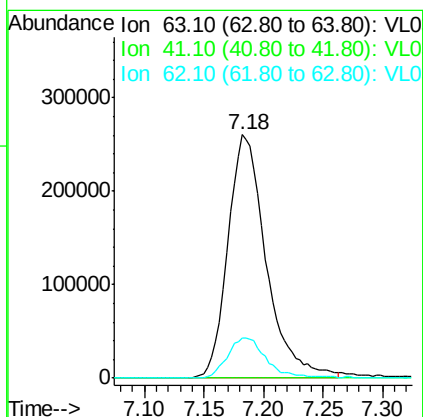
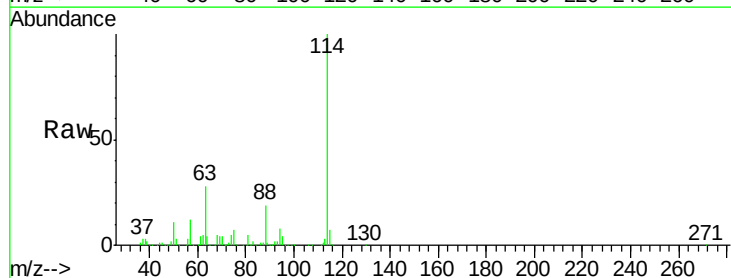
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 24 Jan 2022 23:40

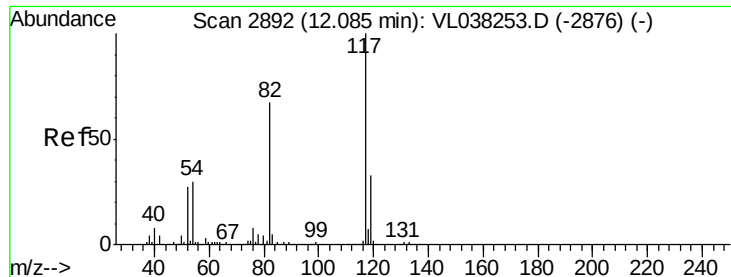
Tgt Ion: 114 Resp: 2234151
 Ion Ratio Lower Upper
 114 100
 63 26.7 22.0 33.0
 88 18.6 15.0 22.6



#39
 1,2-Dichloropropane
 Concen: 7.241 ppbv
 RT: 7.18 min Scan# 1367
 Delta R.T. -0.43 min
 Lab File: VL038273.D
 Acq: 24 Jan 2022 23:40

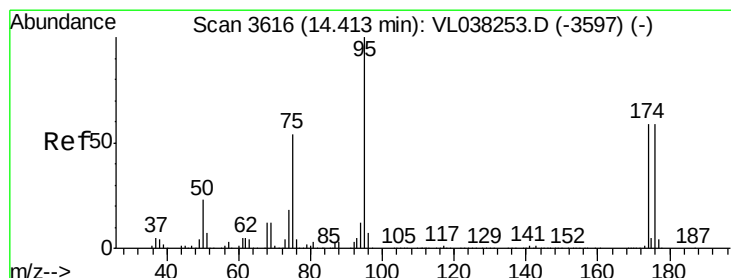
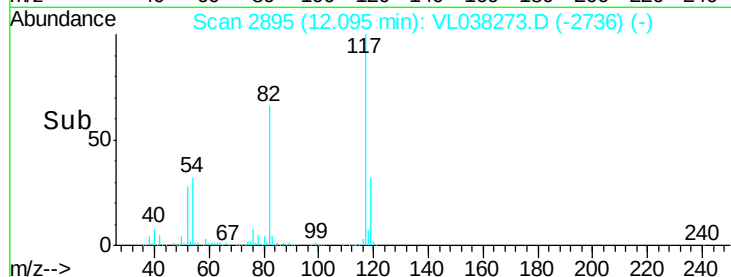
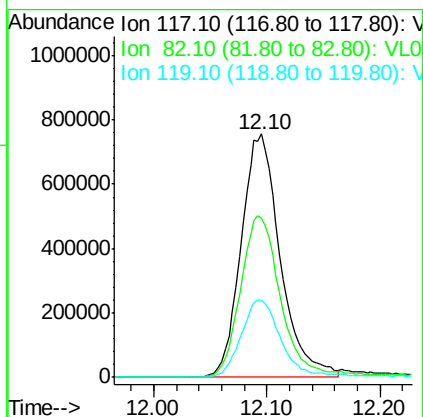
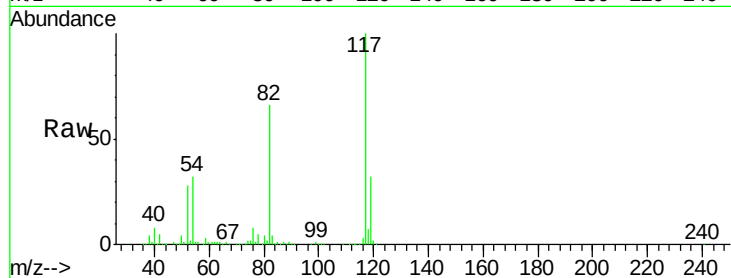
Tgt Ion: 63 Resp: 580172
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.6 85.0#
 62 16.4 53.9 80.9#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
VIBLK
Acq: 24 Jan 2022 23:40

Tgt Ion: 117 Resp: 1814078
Ion Ratio Lower Upper
117 100
82 70.8 54.4 81.6
119 34.0 45.9 68.9#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.692 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. 0.01 min
Lab File: VL038273.D
Acq: 24 Jan 2022 23:40

Tgt Ion: 95 Resp: 1334516
Ion Ratio Lower Upper
95 100
174 61.6 48.3 72.5
175 4.6 3.5 5.3

