

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040522\
 Data File : VL038820.D
 Acq On : 5 Apr 2022 21:51
 Operator : SY/AP
 Sample : VL0405ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABL01

Quant Time: Apr 06 06:25:35 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1383444	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3772442	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3266928	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2513586	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

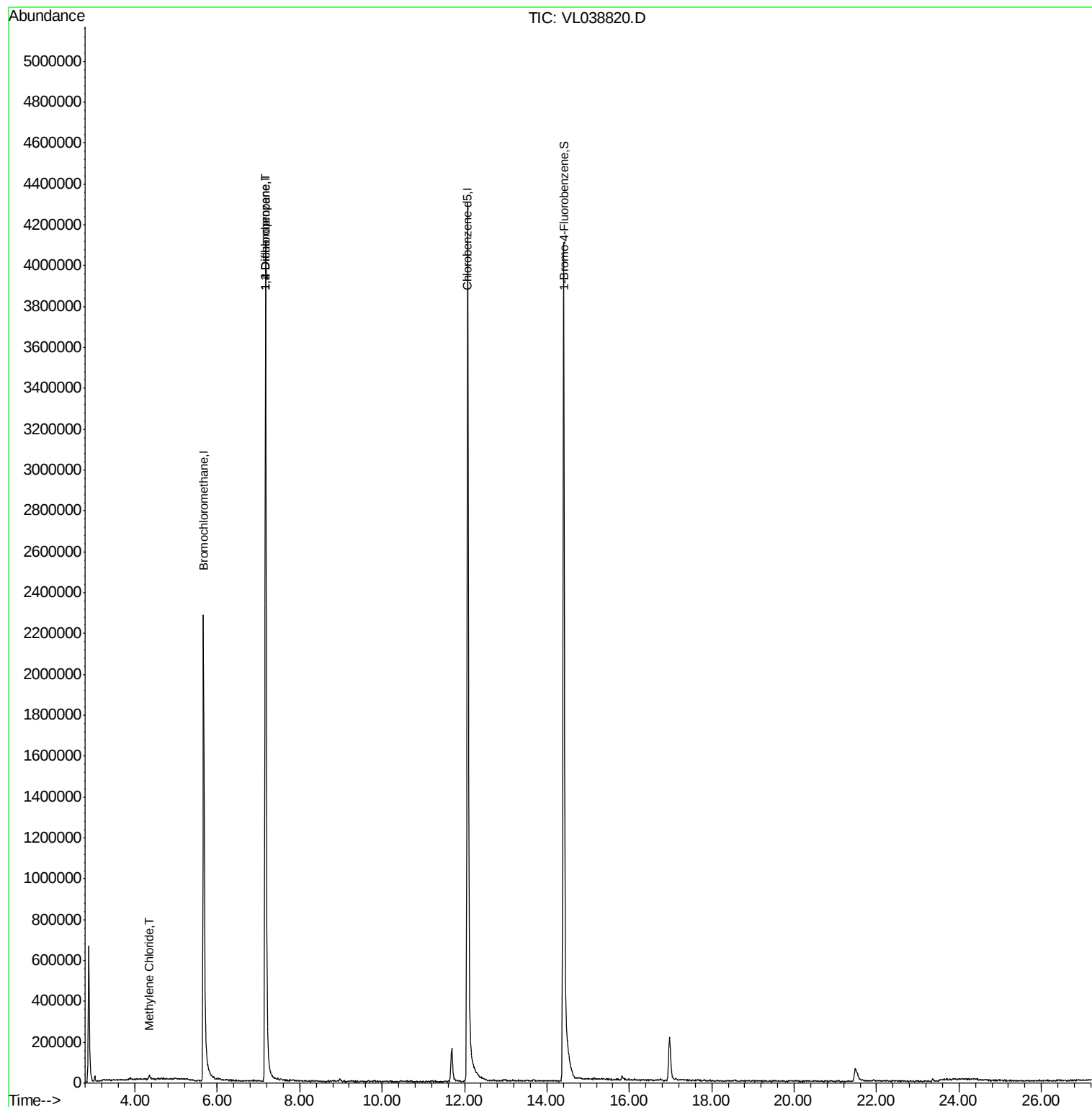
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	2965	0.059	ppbv #	47
39) 1,2-Dichloropropane	7.17	63	932854	7.107	ppbv #	27

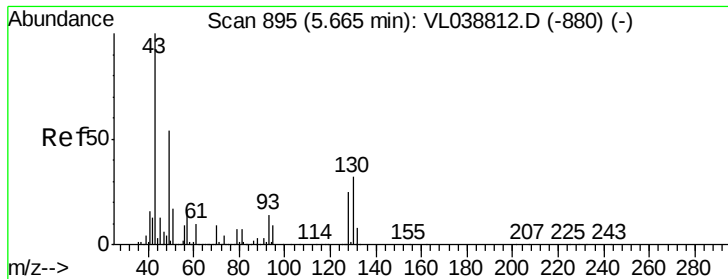
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 5 Apr 2022 21:51

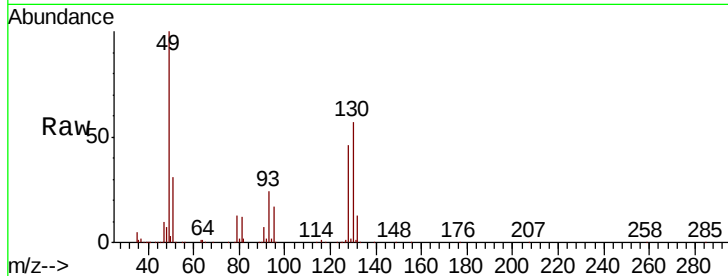
Tot Ion: 49 Resp: 1383444

Ion Ratio Lower Upper

49 100

128 50.4 24.1 72.3

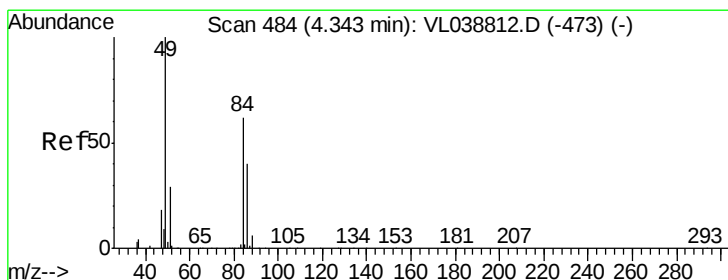
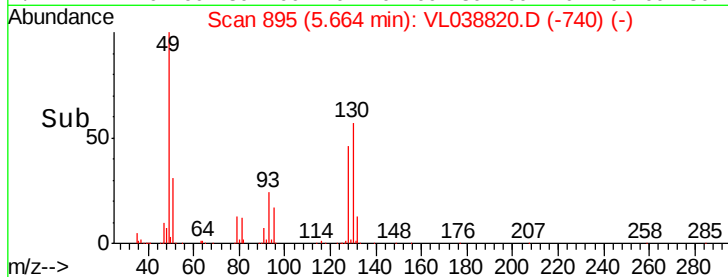
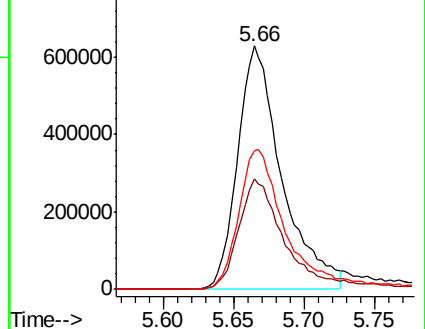
130 64.4 30.9 92.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#20

Methylene Chloride

Concen: 0.059 ppbv

RT: 4.35 min Scan# 485

Delta R.T. 0.00 min

Lab File: VL038820.D

Acq: 5 Apr 2022 21:51

Tgt Ion: 84 Resp: 2965

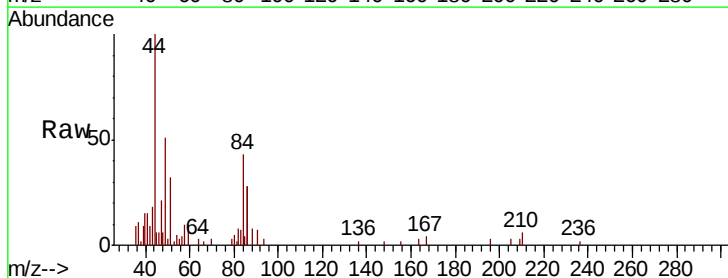
Ion Ratio Lower Upper

84 100

49 83.9 129.4 194.0#

51 53.8 37.4 56.2

86 120.7 51.4 77.2#

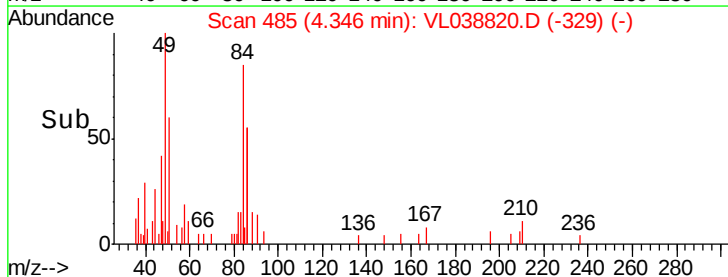
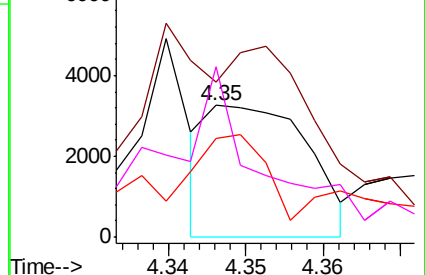


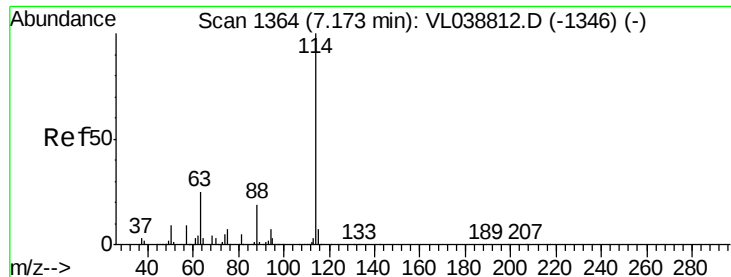
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

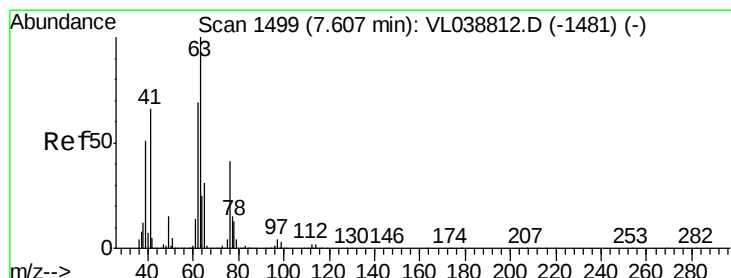
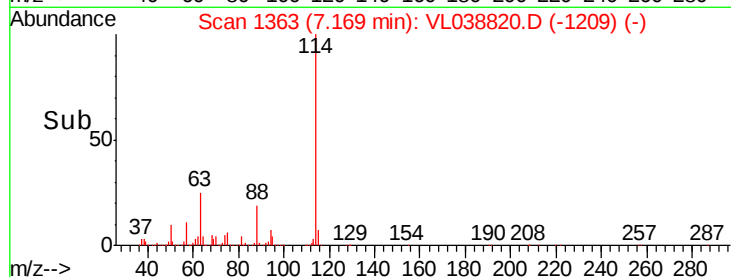
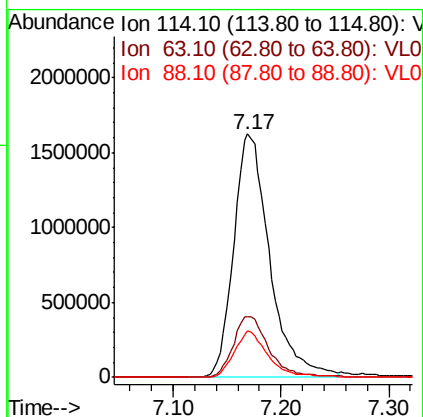
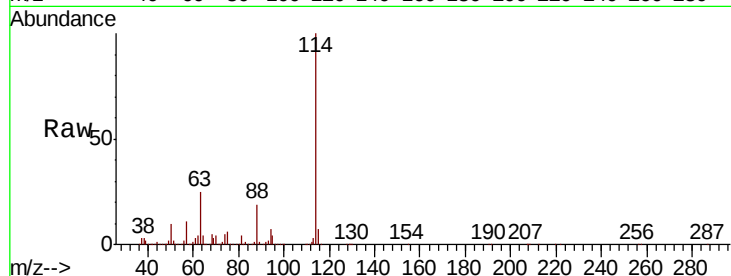




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0405ABL01
 Acq: 5 Apr 2022 21:51

Tot Ion:114 Resp: 3772442

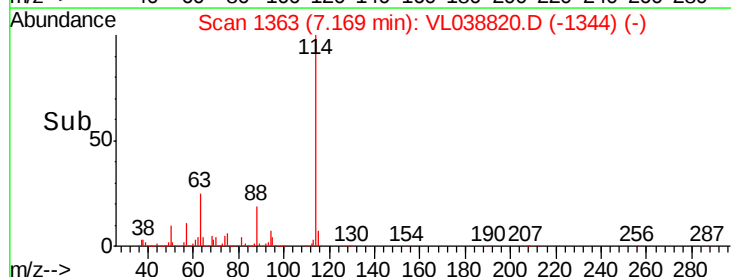
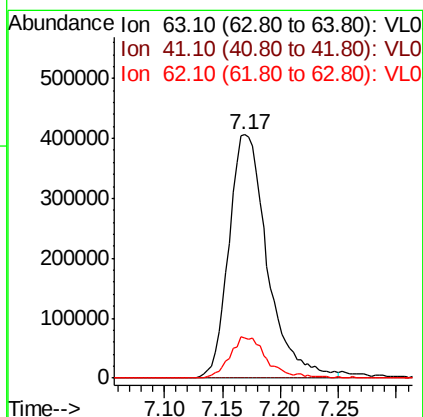
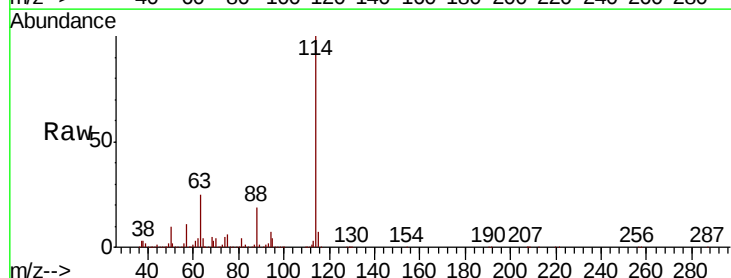
Ion	Ratio	Lower	Upper
114	100		
63	25.2	19.8	29.8
88	18.1	14.2	21.4

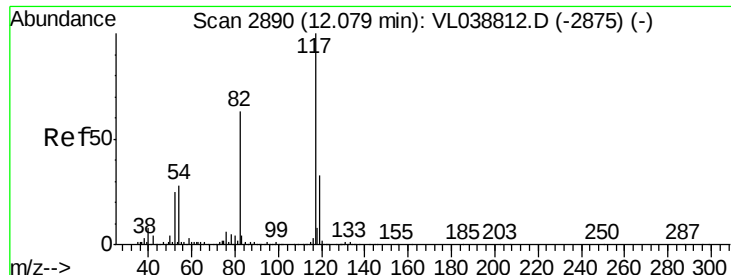


#39
 1,2-Dichloropropane
 Concen: 7.107 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.44 min
 Lab File: VL038820.D
 Acq: 5 Apr 2022 21:51

Tgt Ion: 63 Resp: 932854

Ion	Ratio	Lower	Upper
63	100		
41	0.1	53.0	79.6#
62	16.7	55.0	82.4#

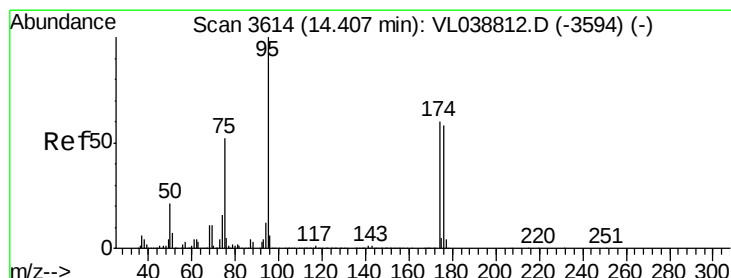
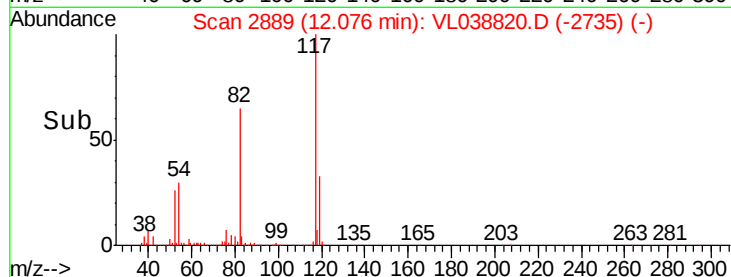
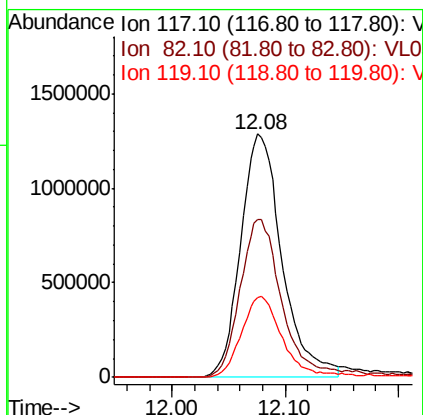
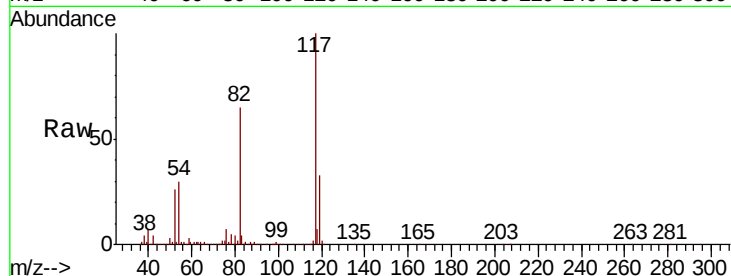




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0405ABL01
Acq: 5 Apr 2022 21:51

Tot Ion: 117 Resp: 3266928

Ion	Ratio	Lower	Upper
117	100		
82	68.9	53.0	79.6
119	34.2	24.9	37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.143 ppbv
RT: 14.40 min Scan# 3613
Delta R.T.: -0.00 min
Lab File: VL038820.D
Acq: 5 Apr 2022 21:51

Tgt Ion: 95 Resp: 2513586

Ion	Ratio	Lower	Upper
95	100		
174	65.4	52.0	78.0
175	4.7	4.0	6.0

